Appendix A

Phase I and Phase II Sediment Chemical Data Quality and Usability Assessments

Phase I
Sediment Chemical Data Quality and Usability Assessment

Newark Bay Study Area
Remedial Investigation

Tierra Solutions, Inc.
East Brunswick, NJ

March 2010

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This report provides a summary of the documentation and evaluation of data quality and usability for sediment chemistry data collected during the implementation of the Newark Bay Study Area Phase I Remedial Investigation Work Plan, Revision 1 (Phase I RIWP; Tierra 2005).

1. Data Quality Parameters Overview

To evaluate whether the analytical data obtained were consistent with the objectives of the Phase I RIWP, five data quality parameters were evaluated, including specific data quality criteria assessed during analytical data validation. In the event that the data validation process identified an instance where any of the data quality parameters did not meet the objectives established in the Phase I RIWP, the affected sample results were evaluated in accordance with the data validation protocols specified in Section 8 of the Phase I RIWP and qualified accordingly. A detailed narrative describing each data qualifier applied to specific results can be found within the data validation data assessment narratives prepared for each data package. Per Section 8.1.2 of the Phase I RIWP, fully documented laboratory data packages, validation check lists and validation data assessment narratives are located in the Newark Bay Central Project File. These data validation records can be provided by Tierra Solutions Inc. (Tierra) for review, at the United States Environmental Protection Agency's (USEPA) request.

The five data quality parameters assessed included the following:

- precision;
- accuracy;
- representativeness;
- completeness; and
- comparability.

Each of these data quality parameters, as it relates to the Phase I RIWP program, is discussed below.

1.1 Precision

Precision is the measure of variability between individual sample measurements of the same property under similar conditions. During the Phase I RIWP program, precision was evaluated through the analysis of replicate samples. Two types of replicate samples, field and laboratory duplicates, were analyzed at regular, specified intervals throughout the Phase I RIWP program.

Field duplicates consisted of select samples that were collected in the field at the frequency specified in the Phase I RIWP. These samples were homogenized (except for those to be analyzed for VOCs), split into two distinct samples, and submitted “blind” to the analytical laboratories for analysis (i.e., the sample identification did not reveal the sample with which its field duplicate was associated). Relative percent differences (RPDs) between the field sample results and the field duplicate results provide an estimate of the overall sampling and analytical precision.

Laboratory duplicates are two portions of a single homogeneous sample that are analyzed for the same parameter in order to determine the precision of the analytical system. Two types of laboratory duplicates were performed. Laboratory duplicates without known analyte spikes added were analyzed to monitor laboratory precision for metals and cyanide analyses, while matrix spike and matrix spike duplicate

evaluations were performed to monitor laboratory precision for the remaining analysis types. Laboratory duplicates were analyzed at the frequency specified in the Phase I RIWP. The RPD between results obtained for a given laboratory duplicate pair provides an estimate of analytical precision.

The precision assessment for both field and laboratory duplicate analyses is expressed as the RPD:

$$RPD = \left\{ \frac{(S - D)}{\frac{(S + D)}{2}} \right\} \times 100$$

where: S = original sample concentration
D = duplicate sample concentration

Acceptance criteria for field duplicates are provided in Section 6.7.1.2 of the Phase I RIWP, while acceptance criteria for laboratory duplicates are provided in Section 6.6. Conformance to field and laboratory duplicate frequency requirements, as well as acceptability of the resulting RPD values, were evaluated and considered during data validation.

Although field and laboratory duplicate analyses are used as indicators of relative precision of the sampling and analytical systems, the degree of homogeneity of the contaminants in the sample medium can also affect the reproducibility of a particular measurement. For example, pieces of decayed wood debris, chunks of asphalt, glass, free product, etc. can increase sample heterogeneity and therefore can reduce the field/laboratory technician's ability to create homogeneous duplicate samples with which to measure precision. Since the sediment sample matrix characteristics can affect the way precision is measured, the sample matrix should be considered by the data user.

1.2 Accuracy

Accuracy is a measure of the bias in a system, and is defined as the agreement between a measurement and an accepted reference or true value. Accuracy was monitored during the Phase I RIWP program through the analysis of field blank, laboratory blank, matrix spike (MS), surrogate spikes, and laboratory control samples (performed at regular, specified intervals). In addition, performance evaluation samples were analyzed, for polychlorinated dibenzo-*p*-dioxins/polychlorinated dibenzofurans (PCDDs/PCDFs) only, prior to initiating field work. Documentation of successful analysis of the performance evaluation samples was provided to the USEPA by Tierra Solutions Inc. in a letter dated November 1, 2005 (see Attachment A).

As outlined in the Phase I RIWP, the analysis of blanks, MS samples, and laboratory control samples provide laboratory results that may be compared to their associated known values to monitor potential bias. Blanks were used to assess the ability of the analysis to accurately quantify known zero values. MS and surrogate spike evaluations were used to assess bias by monitoring the actual recovery of a known quantity of a chemical, added to the native sample, versus the expected recovery. Likewise, actual versus expected recoveries of known laboratory control standards and performance evaluation samples (PCDDs/PCDFs only), were evaluated for potential bias.

Acceptance criteria for each of the quality control evaluations described above are provided in Section 6.6 of the Phase I RIWP. Conformance to field and laboratory QC sample frequency requirements, as well as acceptability of QC results for accuracy, were evaluated and considered during data validation.

1.3 Representativeness

Representativeness is the degree to which a data set accurately represents the characteristics of a population, parameter conditions at a sample point, or an environmental condition. Data are representative when all sampling and analyses are performed in compliance with appropriate procedures. Performing sample analyses within the specified holding times and adhering to sample handling and storage requirements are also critical elements in obtaining representative sample data. These elements were evaluated and considered during data validation and qualification. Acceptance criteria for sample handling, storage and holding times are provided in Tables 6-6 and 6-7 of the Phase I RIWP.

1.4 Completeness

There are two measures of completeness defined for the Phase I RIWP program: field completeness and analytical completeness. Field completeness is defined as the ratio of the number of samples received in acceptable condition by the laboratories to the number of samples planned to be collected as specified in the Phase I RIWP. Analytical completeness is defined as the ratio of total valid analytical data results (including estimated values) to the total number of analytical results requested on samples submitted for analysis. The formulas used to compute field and analytical completeness are presented below.

$$\% \text{ Field Completeness} = \left(\frac{Number\ of\ Samples\ Received\ by\ Laboratories}{Total\ Number\ of\ Samples\ Planned\ to\ be\ Collected}\right) \times 100$$

$$\% \text{ Analytical Completeness} = \left(\frac{Total\ Valid\ Analytical\ Data}{Analytical\ Data\ Obtained}\right) \times 100$$

The targeted field and analytical completeness goals were 90% for the Phase I RIWP program; these goals were met, or exceeded, as summarized below.

Phase I RIWP Overall	Completeness Goal Established in Phase I RIWP	Completeness Achieved
Field Completeness	90%	90.8%
Analytical Completeness	90%	99.5%

Phase I RIWP Analytical Completeness by Analysis and Sample Type	Completeness Achieved
Sediment	
Volatile Organic Compounds	98.4%
Semivolatile Organic Compounds	99.9%
Total Extractable Petroleum Hydrocarbons	100%
Pesticides	99.7%
Aroclor PCBs	100%
Congener PCBs	99.5%
Herbicides	100%
Polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans	100%
Metals	98.3%
Cyanide	96.7%
Total Organic Carbon	100%
Radiochemical	100%
Organotins	98.5%
Field Blanks/Trip Blanks	
Volatile Organic Compounds	98.3%
Semivolatile Organic Compounds	100%
Total Extractable Petroleum Hydrocarbons	100%
Pesticides	100%
Aroclor PCBs	100%
Congener PCBs	100%
Herbicides	100%
Polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans	100%
Metals	98.1%
Cyanide	100%
Total Organic Carbon	100%
Organotins	100%

1.5 Comparability

Comparability expresses the confidence with which one set of data can be compared to another to measure the same property. Data can be compared to the degree that their accuracy, precision, and representativeness are known and documented. Data are comparable if QC measures such as collection techniques, measurement procedures, analytical methods, and reporting units are equivalent for the samples within a sample set. Data subject to established QA/QC measures are deemed more reliable and, therefore, more comparable, than data generated without such measures.

Consistent application of prescribed procedures was monitored throughout the Phase I RIWP program. Field and laboratory audits were used to assess conformance with the Phase I RIWP during sampling and analytical activities. Per Section 7.2.3 of the Phase I RIWP, field and laboratory audit reports are located in the Newark Bay Central Project File. These audit reports can be provided by Tierra for review at the USEPA's request. Likewise, specific data validation protocols were consistently applied to all chemical and radiochemical data generated under this program to understand and document accuracy, precision and representativeness, thereby establishing comparability as defined above.

During data validation activities, analytical data were evaluated using a defined set of guidelines and acceptance criteria. In addition, data validation qualifiers were consistently applied to the analytical data generated during the Phase I RIWP program. When consistently applied, the data validation process serves to allow data comparability to be established between the Phase I RIWP data and other data sets.

2. Phase I RIWP Data Validation and Qualification

2.1 Data Validation Status

Phase I RIWP analytical results were provided by the laboratories both electronically and in hard copy format. Upon receipt from the laboratory, results for specific analytical groups described below were validated by Environmental Data Services, Ltd. (EDS) as per the Section 8 of the Phase I RIWP using the following procedures:

Aroclor PCB and pesticide data	USEPA Region 2 SOP No. HW-23, Revision 1.0, May 2002
Semivolatile organics data	USEPA Region 2 SOP No. HW-22, Revision 2, June 2001
Herbicide data	USEPA Region 2 SOP No. HW-17, Revision 1.3, November 1994
Metals and cyanide data	USEPA Region 2 SOP No. HW-2, Revision 11, January 1992
Dioxin and furan Isomer data	USEPA Region 2 SOP No. HW-25, Revision 2, September 1999
Volatile organics data	USEPA Region 2 SOP No. HW-24, Revision 1, June 1999

USEPA Region 2 did not have established validation standard operating procedures (SOPs) for radiochemical, congener PCB, TEPH, organotin, or TOC analyses at the time the Phase I RIWP was written and approved. Therefore, validation and qualification for these data types were specified in data validation SOPs prepared for this project. All validation SOPs (USEPA Region 2 and project-specific) that were used during the implementation of the Phase I RIWP are provided in Appendix D of the Phase I RIWP.

The Phase I RIWP sediment chemical and radiochemical data (as described above) underwent a full data validation process. This independent data validation process was described, in detail, in Section 8 of the Phase I RIWP. Based on the outcome of the data validation process, data validation qualifiers were added to the laboratory-reported sample results, as appropriate. The data validation qualifiers provide the data user with additional information about the usability of a given data point, the degree of certainty in the data, and indicate bias in a data point when assignment of bias is possible. The list of data validation qualifiers used to qualify data collected during the Phase I RIWP implementation is provided in Table 1 of this document.

2.2 Data Quality Issues and Data Qualification/Usability

Two types of data quality issues are discussed in this section, systematic data quality issues (Section 2.2.1) and random data quality issues (Section 2.2.2). Systematic data quality issues are those that are

identified as having a consistent impact on the quality of numerous results reported (i.e., data quality of many samples and/or constituent classes are affected by a single data quality issue), due to a common circumstance or procedural application. Random data quality issues are those that impact the quality of results on a limited basis (i.e., data quality for a specific sample(s) and/or analyte(s) are affected by the data quality issue).

2.2.1 Systematic Data Quality Issues and Data Qualification

One systematic data quality issue was identified during the Phase I RIWP data validation task. This systematic data quality issue is summarized in the text below. Complete details regarding this data quality issue and corresponding corrective actions have been documented in the Phase I RIWP Corrective Action Form 004, which has been provided as an attachment to this report (see Attachment B). Systematic data quality issues and the resulting data qualification are also discussed along with random data quality issues in Section 2.3 of this report.

Elevated sample quantitation limits (SQLs) and associated re-extraction/re-analysis outside of holding time was the one systematic data quality issue identified during validation of the Phase I RIWP sediment semivolatile (SVOC), pesticide, Aroclor PCB, and herbicide analyses. Many samples were initially extracted and analyzed using less than method-required sample aliquots and/or were diluted prior to analysis. These anomalies resulted in many of those same initial sample results being reported as not detected at elevated sample quantitation limits (SQLs). Although subsequent corrective actions, which included re-extraction and re-analysis, resulted in an improvement in the affected data set, a significant number of SVOC, pesticide, Aroclor PCB and herbicide results remained as not detected at an elevated SQL (see further discussion below). Sixty-three percent (63%) or 18,622 SVOC, pesticide, Aroclor PCB and herbicide SQLs were higher than those listed as analyte-specific DQOs in Section 5.2.1 of the Phase I RIWP. The majority of the affected sediment SVOC, pesticide, and Aroclor PCB analyses were repeated by the laboratory. The samples were re-extracted using method-specified sample aliquots, and, in some cases, additional extract clean-up techniques were used that were not applied during the initial analyses. Gel permeation chromatography (GPC), and, in the case of Aroclor PCBs, acid and copper extract clean-up techniques were employed. These extracts were then analyzed in nearly all cases without further dilution. The re-analysis results provided a twenty-five percent increase in the number of positive results identified as compared to the initial analyses, especially for results at lower concentration levels.

The re-extracted and re-analyzed positive sample values were evaluated using the previously described Phase I RIWP data validation protocols. Those positive sample values exhibiting acceptable data quality (with the exception of analyses not being done within the allowable sample holding time) were included in the final Phase I RIWP database. However, results of the re-analyses were qualified as “J” (estimated) reflecting extraction and analysis beyond the allowable holding time (described in the following subsections). A total of 3,621 or 12% of sediment SVOC, pesticide, and Aroclor PCB results required qualification as “J” (estimated) due to corrective action (re-extraction/re-analyses) outside the allowable holding time.

2.2.2 Random Data Quality Issues and Data Qualification

Many random data quality issues were identified during the Phase I RIWP data validation task. Random data quality issues and the resulting data qualification are discussed in Section 2.3 of this report.

2.3 Data Qualification/Usability Summarized by Constituent Class

The following discussion summarizes the data validation findings and associated qualifications related to systematic and random data quality issues for each constituent class. These validation findings have been separated into two distinct categories, major data quality issues and minor data quality issues.

Major data quality issues are those that result in the qualification of the analytical value reported as "R," or rejected. Rejection of a data point indicates that the analysis is invalid and provides no information as to whether the analyte is present or not. Data usability is distinguished based on the presence or absence of the "R" validation qualifier. Rejected data are not usable, while data that have not been rejected are usable.

Minor data quality issues include all other QA/QC issues identified during the data validation process that require sample results to be qualified, indicating a level or type of uncertainty associated with the reported result. Qualifiers applied to sample results were determined based on the data validation protocols specified in Section 8 of the Phase I RIWP.

Volatile Organic Compounds (VOCs)

The Phase I RIWP sediment VOC data set is comprised of 301 samples with 9,933 associated results.

Two major data quality issues were identified during validation of the Phase I RIWP sediment VOC analytical data. One sample exhibited a non-compliant internal standard area response of less than 25% of the daily standard, and instances were observed where initial and/or continuing calibrations were found to have relative response factors for various target analyte VOCs that were extremely low (less than 0.05). The affected target analyte results were qualified as "R" (rejected/unusable).

Major Data Quality Issues

Volatiles	Data Quality Parameter Affected	Number of Samples Affected	Number of Results Affected	% of VOC Results Affected
Results qualified as unusable due to non-compliant internal standard area responses	Accuracy	1	1	0.01
Results qualified as unusable due to extremely low relative response factors observed during associated calibrations	Accuracy	153	153	1.5

Eight minor data quality issues were identified in the Phase I RIWP sediment VOC data, they are described in the table below. Sample results affected by the minor quality issues outlined below were qualified as "J" (estimated) with bias indicated where appropriate and/or "U" (not detected) as appropriate.

Minor Data Quality Issues				
Volatiles	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of VOC Results Affected**
Non-compliant initial calibration (RRF)	Accuracy	288	353	3.6
Non-compliant continuing calibration % difference	Accuracy	133	347	3.5
Non-compliant matrix spike/matrix spike duplicate recovery	Accuracy	14	104	1.0
Non-compliant laboratory control sample recovery	Accuracy	72	151	1.5
Method blank contamination	Accuracy	85	97	0.98
Non-compliant surrogate standard recovery	Accuracy	12	396	4.0
Non-compliant internal standard area response	Accuracy	37	37	0.37
Exceeded holding times	Representativeness	1	33	0.33

Semivolatile Organic Compounds (SVOCs)

The Phase I RIWP sediment SVOC data set is comprised of 301 samples with 19,264 associated results.

One major data quality issue was identified during validation of the Phase I RIWP sediment SVOC analytical data. Six samples exhibited extremely low (less than 10%) recovery for hexachlorocyclopentadiene during the matrix spike evaluation. The affected sediment SVOC results were qualified as "R" (rejected/unusable).

Major Data Quality Issues				
Semivolatiles	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of SVOC Results Affected**
Results qualified as unusable due to extremely low matrix spike recovery	Accuracy	6	6	0.03

Five minor data quality issues were identified in the Phase I RIWP sediment SVOC data; they are described in the table below. Sample results affected by the minor quality issues outlined below were qualified as "J" (estimated) with bias indicated where appropriate and/or "U" (not detected) as appropriate.

Minor Data Quality Issues				
Semivolatiles	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of SVOC Results Affected**
Non-compliant continuing calibration % difference	Accuracy	269	712	3.7
Non-compliant matrix spike/matrix spike duplicate recovery	Accuracy	41	225	1.2
Non-compliant laboratory control sample recovery	Accuracy	399	1,253	6.5
Non-compliant field duplicate precision	Precision	2	18	0.09
Re-analysis of samples beyond holding times	Representativeness	211	3,361	17

Total Extractable Petroleum Hydrocarbons (TEPH)

The Phase I RIWP sediment TEPH data set is comprised of 299 samples with 299 associated results.

No major data quality issues were identified during validation of the Phase I RIWP sediment TEPH analyses.

Three minor data quality issues were identified and are listed in the table below. Sample results associated with these minor data quality issues were qualified as "J" (estimated) with bias indicated where appropriate, and/or "U" (not detected) as appropriate.

Minor Data Quality Issues				
TEPH	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of TEPH Results Affected**
Non-compliant surrogate recovery	Accuracy	27	27	9.0
Non-compliant matrix spike recovery	Accuracy	1	1	0.33
Method blank contamination	Accuracy	2	2	0.67

Pesticides

The Phase I RIWP sediment Pesticide data set is comprised of 301 samples with 6,321 associated results.

Two major data quality issues were identified during validation of the Phase I RIWP pesticides analyses. Matrix spike and matrix spike duplicate recoveries during one set of evaluations were extremely low (less than 10%), for 4,4'-DDT. Column degradation standards were observed as unacceptable during 3 analysis sequences affecting 16 samples (17 results). The affected target analyte results were flagged "R" (rejected/unusable).

Major Data Quality Issues				
Pesticides	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Pesticides Results Affected**
Extremely low matrix spike/matrix spike duplicate recovery observed	Accuracy	1	1	0.01
Analytical column degradation	Representativeness	16	17	0.27

Eight minor data quality issues were identified and are listed in the table below. Sample results affected by the minor data quality issues as outlined below were qualified "J" (estimated) with bias indicated where appropriate and/or "U" (not detected) as appropriate with the following exceptions. In the case of minor data quality issue *Difference between results obtained from two analytical columns in excess of validation criteria*, the affected sample results were qualified as either "J" (estimated), or "NJ" (tentatively identified), for percent differences greater than 25% but less than 90% between results obtained from the two analytical columns; or "U" (not detected) at the sample quantitation limit (SQL) for percent differences greater than 90% between results obtained from the two analytical columns when both values are less than the SQL.

Minor Data Quality Issues				
Pesticides	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Pesticides Results Affected**
Re-analysis of samples beyond allowable holding time	Representativeness	24	61	0.96
Non-compliant continuing calibrations	Accuracy	221	495	7.8
Method blank contamination	Accuracy	1	1	0.01
Non-compliant laboratory control sample recovery	Accuracy	16	16	0.25
Difference between results obtained from two analytical columns in excess of validation criteria	Precision	NC	332	5.2
Non-compliant surrogate recoveries	Accuracy	5	34	0.54
Non-compliant matrix spike/matrix spike duplicate recovery	Accuracy	22	45	0.71
Analytical column degradation – minor impact	Representativeness	15	16	0.25

NC =Not calculated

Aroclor PCBs

The Phase I RIWP sediment Aroclor PCB data set is comprised of 301 samples with 2,709 associated results.

No major data quality issues were identified during validation of the Phase I RIWP sediment Aroclor PCB analyses.

Four minor data quality issues were identified and are identified in the table below. Sample results affected by the minor data quality issues as outlined below were qualified "J" (estimated) with bias indicated where appropriate and/or "U" (not detected) as appropriate with the following exceptions. In the case of minor data quality issue *Difference between results obtained from two analytical columns in excess of validation criteria*, the affected sample results were qualified as either "J" (estimated), or "NJ" (tentatively identified), for percent differences greater than 25% but less than 90% between results obtained from the two analytical columns; or "U" (not detected) at the sample quantitation limit (SQL) for percent differences greater than 90% between results obtained from the two analytical columns when both values are less than the SQL.

Minor Data Quality Issues				
Aroclor PCBs	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Aroclor PCB Results Affected**
Re-analysis of samples beyond allowable holding time	Representativeness	141	199	7.3
Non-compliant continuing calibrations	Accuracy	189	298	11
Non-compliant surrogate recoveries	Accuracy	54	486	18
Difference between results obtained from two analytical columns in excess of validation criteria	Precision	NC	125	4.6

NC = Not calculated

Congener PCBs

The Phase I RIWP sediment Congener PCB data set is comprised of 301 samples with 50,568 associated results.

Two major data quality issues were identified during validation of the Phase I RIWP sediment Congener PCB analyses. Nine samples exhibited extremely low labeled-recovery standard area response (less than 25% of the daily standard). The associated non-detected target analyte results were qualified as "R" (rejected/unusable). A second major data quality issue was related to failed identification criteria for 50 positive sample results reported. The affected target analyte results were qualified as "R" (rejected/unusable).

Major Data Quality Issues				
Congener PCBs	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Congener PCB Results Affected**
Non-compliant recovery standard area responses	Accuracy	9	182	0.36
Failed identification criteria	Representativeness	33	50	0.10

Six minor data quality issues were identified and are identified in the table below. Sample results associated with these minor data quality issues were qualified as "J" (estimated) or "EMPC" (estimated maximum possible concentration), as appropriate.

Minor Data Quality Issues				
Congener PCBs	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Congener PCB Results Affected**
Method blank contamination	Representativeness	74	272	0.54
Non-compliant matrix spike/matrix spike duplicate recovery	Accuracy	1	3	0.01
Non-compliant field duplicate precision	Precision	15	36	0.07
Non-compliant labeled recovery standard area response	Accuracy	91	12,187	24
Interferences affecting accurate quantitation of PCB-81	Representativeness	171	171	0.34
Non-compliant internal standard recoveries	Accuracy	1	119	0.23

Herbicides

The Phase I RIWP sediment Herbicide data set is comprised of 299 samples with 1,196 associated results.

No major data quality issues were identified during validation of the Phase I RIWP sediment herbicide analyses.

Four minor data quality issues were identified and are listed in the table below. Sample results affected by the minor data quality issues as outlined below were qualified "J" (estimated) with bias indicated where appropriate and/or "U" (not detected) as appropriate with the following exceptions. In the case of minor data quality issue *Difference between results obtained from two analytical columns in excess of validation criteria*, the affected sample results were qualified as either "J" (estimated), or "NJ" (tentatively identified), for percent differences greater than 25% but less than 90% between results obtained from the two analytical columns; or "U" (not detected) at the sample quantitation limit (SQL) for percent differences greater than 90% between results obtained from the two analytical columns when both values are less than the SQL.

Minor Data Quality Issues				
Herbicides	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Herbicides Results Affected**
Non-compliant initial or continuing calibrations	Accuracy	191	348	29
Non-compliant laboratory control sample recovery	Accuracy	21	21	1.7
Non-compliant surrogate recoveries	Accuracy	14	17	1.4
Difference between results obtained from two analytical columns in excess of validation criteria	Precision	NC	148	12

NC = Not calculated

Polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans (PCDDs/PCDFs)

The Phase I RIWP sediment PCDD/PCDF data set is comprised of 301 samples with 5,117 associated results.

No major data quality issues were identified during validation of the Phase I RIWP sediment PCDDs/PCDFs analyses.

Six minor data quality issues were identified and are listed in the table below. The sample results affected by these minor data quality issues were qualified as "J" (estimated) with bias indicated where appropriate or "EMPC" (estimated maximum possible concentration), as appropriate.

Minor Data Quality Issues

PCDDs/PCDFs	Data Quality Parameter Affected	Number of Samples Affected	Number of Results Affected	% of PCDDs/PCDFs Results Affected
Non-compliant internal standard recovery	Accuracy	7	87	1.7
Non-compliant matrix spike/matrix spike duplicate recovery	Accuracy	3	3	0.06
Non-compliant field duplicate precision	Precision	4	10	0.19
Method blank contamination	Accuracy	28	49	0.96
Field blank contamination	Accuracy	8	11	0.21
Presence of a corresponding chlorinated diphenyl ether peak when a positive PCDF was identified	Representativeness	184	188	3.7

Metals

The Phase I RIWP sediment Metals data set is comprised of 300 samples with 7,200 associated results.

Three major data quality issues were identified during validation of the Phase I RIWP sediment metals data that resulted in "R" qualification (rejected/unusable) of specific metals data as follows. Thirty-three samples were associated with an extremely poor contract-required detection limit (CRDL) standard recovery (below 50% or greater than 150%). Thiry-nine samples were associated with an extremely poor matrix spike recovery (below 10% or above 200%), and thirty-two samples were associated with a method blank exhibiting contamination above the SQL.

Major Data Quality Issues

Metals	Data Quality Parameter Affected	Number of Samples Affected	Number of Results Affected	% of Metals Results Affected
Non-compliant CRDL standard recovery	Accuracy	33	33	0.46
Extremely poor matrix spike recovery	Accuracy	39	59	0.82
Method blank contamination	Accuracy	32	32	0.44

Five minor data quality issues were identified and are listed in the table below. Sample results associated with these minor data quality issues were qualified as "J" (estimated) with bias indicated where appropriate, and/or "U" (not detected) as appropriate.

Minor Data Quality Issues				
Metals	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Metals Results Affected**
CRDL standard recovery outside validation acceptance criteria	Accuracy	119	182	2.5
Serial dilution determination result outside validation acceptance range	Representativeness	215	455	6.3
Non-compliant matrix spike recovery	Accuracy	300	588	8.2
Poor laboratory duplicate precision	Precision	37	43	0.60
Calibration/Instrument blank contamination	Accuracy	16	16	0.22

Cyanide

The Phase I RIWP sediment Cyanide data set is comprised of 299 samples with 299 associated results.

One major data quality issue was identified during validation of the Phase I RIWP cyanide analyses. Matrix spike and matrix spike duplicate (MS/MSD) recoveries during ten MS/MSD evaluations were extremely low (less than 10%), resulting in the affected target analyte results being flagged "R" (rejected/unusable) in associated samples.

Major Data Quality Issues				
Cyanide	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Cyanide Results Affected**
Extremely poor matrix spike recovery	Accuracy	10	10	3.3

The one minor data quality issue identified (listed in the table below) was also related to non-compliant matrix spike recovery; the affected results were qualified as either "JL" (estimated low bias) or "UJL" (estimated non-detect, potential low bias).

Minor Data Quality Issues				
Cyanide	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Cyanide Results Affected**
Non-compliant matrix spike recovery	Accuracy	123	123	41

Total Organic Carbon (TOC)

The Phase I RIWP sediment TOC data set is comprised of 299 samples with 299 associated results.

No major or minor data quality issues were identified during validation of the Phase I RIWP TOC analyses.

Radiochemical

The Phase I RIWP sediment Radiochemical data set is comprised of 547 samples with 984 associated results.

No major data quality issues were identified during validation of the Phase I RIWP radiochemical analyses.

The one minor data quality issue identified (listed in the table below) was related to non-compliant Pb-210 laboratory control sample recovery; the affected results were qualified as "JH" (estimated high bias).

Minor Data Quality Issues

Pb-210	Data Quality Parameter Affected	Number of Samples Affected	Number of Results Affected	% of Radiochemical Results Affected
Non-compliant laboratory control sample recovery	Accuracy	20	20	2.0

Organotins

The Phase I RIWP sediment Organotin data set is comprised of 299 samples with 1,196 associated results.

One major data quality issue was identified during validation of the Phase I RIWP organotin analyses. Matrix spike and matrix spike duplicate recoveries associated with 17 sample delivery groups were extremely low (less than 10%), for monobutyltin. Affected target analyte results were flagged "R" (rejected/unusable).

Major Data Quality Issues

Organotins	Data Quality Parameter Affected	Number of Samples Affected	Number of Results Affected	% of Organotin Results Affected
Extremely poor matrix spike recovery	Accuracy	18	18	1.5

Three minor data quality issues were identified and are listed in the table below. Sample results affected by the minor data quality issues, as outlined below, were qualified "J" (estimated) with bias indicated where appropriate and/or "U" (not detected) as appropriate with the following exceptions. In the case of minor data quality issue *Difference between results obtained from two analytical columns in excess of validation criteria*, the affected sample results were qualified as either "J" (estimated), or "NJ" (tentatively identified), for percent differences greater than 25% but less than 90% between results obtained from the two analytical columns; or "U" (not detected) at the sample quantitation limit (SQL) for percent differences greater than 90% between results obtained from the two analytical columns when both values are less than the SQL.

Minor Data Quality Issues				
Organotins	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Organotin Results Affected**
Non-compliant laboratory control sample recovery	Accuracy	2	6	0.50
Differences between results obtained from two analytical columns in excess of validation criteria	Precision	NC	50	4.2
Non-compliant matrix spike/matrix spike duplicate recovery	Accuracy	6	6	0.50

NC = Not calculated

2.4 Miscellaneous Data Qualification

Moisture Content

Moisture content greater than 50% is not uncommon for sediment samples. Per the Phase I RIWP, an "M" flag was applied during data validation when a sample was found to contain between 50% and 90% moisture and no other data quality issues were identified that required data qualification. Fifty-two percent of the total chemical sediment sample results which were analyzed on a wet weight basis had observed moisture content values observed to be between 50 and 90%. Therefore the data validation qualifier most frequently applied to the Phase I RIWP sediment data set was the "M" flag.

3. References

Tierra. 2005. Newark Bay Study Area Remedial Investigation Work Plan [Rev.1]. September.

Table 1
Data Validation Qualifiers

Qualifier	Description
J	Estimated value (bias undetermined) – The analyte was positively identified; but the associated numerical value is the approximate concentration of the analyte in the sample.
JH	Estimated value (potential high bias) – The analyte was positively identified; but the associated numerical value is the approximate concentration, with a potential high bias, of the analyte in the sample.
JL	Estimated value (potential low bias) – The analyte was positively identified; but the associated numerical value is the approximate concentration, with a potential low bias, of the analyte in the sample.
UJ	Estimated non-detect - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
UJL	Estimated non-detect (potential low bias) – The analyte was not detected and the report sample quantitation limit is biased low.
UJH	Estimated non-detect (potential high bias) – The analyte was not detected and the reported sample quantitation limit is biased high.
M	The analytical result reported was obtained from a sediment sample found to contain between 50 and 90 percent moisture and had no other data qualifiers added during the data validating process.
NJ	The organic analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
NJH	The organic analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration with a potential high bias, of the analyte concentration.
EMPC	Estimated Maximum Possible Concentration (EMPC).
R	The sample results are rejected. Due to a significant QA/QC problem, the analysis is invalid and provides no information as to whether the analyte is present or not.
U	Non-detect -The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

ATTACHMENT A

TIERRA SOLUTIONS, INC.

November 1, 2005

U.S. Environmental Protection Agency, Region II
Emergency and Remedial Response Division
290 Broadway, 19th Floor, Room W-20
New York, NY 10007-1866

Attention: Ms. Elizabeth Butler
Remedial Project Manager

Subject: Administrative Order on Consent, U.S.E.P.A. Index No. CERCLA-02-2004-2010 for Newark Bay Study Area – *Dioxin-specific Performance Evaluation Samples for RIWP Phase I*

Dear Ms. Butler:

Tierra Solutions, Inc. [funding and performing, on behalf of Occidental Chemical Corporation, the subject Administrative Order On Consent (Newark Bay AOC)] (Respondent) hereby submits three copies [2 paper, 1 electronic (to be submitted via electronic mail to butler.elizabeth@epamail.epa.gov)] of results to a Performance Evaluation (PE) study conducted during pre-mobilization activities for Newark Bay Study Area (NBSA) Remedial Investigation Work Plan (RIWP) Phase I Sediment Investigation (SI) activities.

Per section 6.7.2.6 of RIWP Revision 1, September 2005 dioxin-specific PE samples (i.e., Standard Reference Materials [SRMs]) representing a solid sample matrix were purchased from a commercial vendor. The PE samples contained various target dioxin/furan isomers at known and certified reference concentrations. The PE samples were submitted blind to Alta Analytical Laboratory, Inc. (Alta). One PE sample was certified to contain low level or no concentration of dioxin/furan isomers while the second contained known and certified concentrations of each dioxin/furan isomer.

The low level PE results (ED-NBRIWP-A) were compliant in all cases and fell within the certified acceptance ranges provided by the vendor. However, the contaminated PE results (ED-NBRIWP-B) reported by Alta were higher than the certified reference ranges in 9 of 17 cases. As a result, Environmental Data Services, LTD (EDS), RIWP Phase I Quality Assurance Contractor (QAC), worked closely with Alta to identify the cause of the non-compliant PE sample and to design and implement appropriate corrective action prior to initiation of Phase I field sampling. Corrective action was successfully implemented and confirmed by compliant analysis of a second contaminated PE sample (ED-NBRIWP-C) provided by an alternate vendor. Details of the ED-NBRIWP-B non-compliance and the resultant corrective action shall be submitted shortly under separate cover.

10th floor
Two Tower Center Blvd. East Brunswick, New Jersey 08816

Data assessment narratives for ED-NBRIWP-A and ED-NBRIWP-C are included as attachments.

Please feel free to contact me if you have any questions regarding this submittal.

Sincerely,

FOR

Richard P. McNutt
Manager Remediation
On behalf of Occidental Chemical Corporation
(as successor to Diamond Shamrock Chemicals Company)

Copy to:

R. Romagnoli – BBL
Janine MacGregor – NJDEP
Amelia Wagner, Attorney – Newark Bay Study Area - USEPA

DIOXIN DATA ASSESSMENT NARRATIVE

SITE: Newark Bay Phase I

LABORATORY: Alta

SAMPLE DELIVERY GROUP: ED-NBRIWP-A

This sample delivery group consists of the following sample:

EDNBRIWPA

The sample described above was analyzed via USEPA method 1613B Protocol to determine the concentrations of PCDD/PCDF compounds in sediment, in this case a Performance Evaluation (PE) sample.

USEPA Region II's data validation checklist HW-25, REV2, September, 1999 was used to perform the dioxin data validation.

All data are valid and acceptable except those analytes, which have been qualified with a "J" (estimated), "N" (presumptive evidence of the presence of the material), "R" (unusable), or "JN" (presumptive evidence of the presence of a material at an estimated value). When specific circumstances exist, the validator may also be required to qualify positive sample values as estimated maximum possible concentration (EMPC). All data qualification related to this group of samples is detailed on the attached sheets.

Major Data Quality Issues

None.

Minor Data Quality Issues

Interferences – The 1,2,3,4,6,7,8-HpCDF value for the sample in the delivery group has been qualified as an EMPC, due to the presence of the corresponding diphenyl ether at a peak signal greater than 2.5 times that of background noise.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable due to significant QC problems, the data is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on any data tables even as a last resort.

Lastly, no analyte concentration, even if it passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Date: 10-14-05

Diane Waldschmidt
Environmental Scientist/Director

HOLDING TIME

All samples in this delivery group were prepared and analyzed within the holding time specified in the validation guideline.

CHROMATOGRAPHIC RESOLUTION

A performance check solution (Window Defining Mixture/Isomer Specificity Test Standard) was analyzed at the beginning and end of every 12-hour analysis period. Upon evaluation of the performance check solution data all QC criteria were met. Therefore, the data associated with these check standards were not qualified.

INITIAL CALIBRATION

Data was submitted representing six concentration level initial calibrations. All initial calibrations used during the analysis of the sample in this delivery group were contained in the data package.

The validator has evaluated the initial calibrations examining ion ratios, signal to noise ratios, retention time and percent relative standard deviation criteria for all PCDD/PCDF target analytes and their labeled analogs.

Upon examination of the initial calibration data, all of the criteria listed in method 1613B were met.

ROUTINE CALIBRATION

A routine calibration standard was evaluated at the beginning and end of each 12-hour analysis period.

The validator has evaluated the routine calibration standard data submitted examining ion ratios, retention time, signal to noise ratios, and percent difference criteria for all PCDD/PCDF target analytes and their labeled analogs.

Upon examination of the routine calibration data submitted, all of the criteria listed in method 1613B were met.

SAMPLE DATA

Qualitative Requirements

All positively reported results met method and validation qualitative acceptance criteria.

Quantitative Requirements

Sample and internal standard concentration calculations were verified and no errors were detected.

Interferences

Positive PcDF values reported for the sample in this delivery group were evaluated to determine the presence of the corresponding diphenyl ether at a peak signal greater than 2.5 times that of the background noise. Upon evaluation, the chromatogram for sample EDNBRIWPA exhibited an interference peak of a diphenyl ether (at greater than 2.5 times background) within the retention time range of 1,2,3,4,6,7,8-HpCDF. Per validation guidance, the positive result reported for 1,2,3,4,6,7,8-HpCDF in sample EDNBRIWPA has been qualified as an EMPC.

BLANKS

Rinsate Blanks

This sample delivery group contains only a pre-project PE sample. Therefore, no rinsate blank is required.

Method Blanks

Method blanks were prepared and analyzed in association with the sample in this delivery group at the specified frequency. Upon examination of method blank data, no analyte was positively identified at a concentration above the method defined minimum levels in any associated method blank.

FIELD DUPLICATE

This sample delivery group contains only a pre-project PE sample, therefore no field duplicate is required.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

This sample delivery group contains only a pre-project PE sample. Therefore, no matrix spike or matrix spike duplicate are required.

INTERNAL STANDARD

Internal standards ($^{13}C_{12}$–2,3,7,8-TCDD and $^{13}C_{12}$-1,2,3,7,8,9-HxCDD) are added to each sample and method blank extract prior to injection. The area counts for each of the recovery standards in each sample must fall within the range (+100% to –50%) of that observed during analysis of the mid- level calibration standard during the instrument initial calibration sequence.

Upon evaluation all internal standard responses were well within acceptable limits.

LABELED ANALOG STANDARDS

In all cases calculated percent recoveries of labeled analog standards were well within method and validation acceptance limits. No qualification of data was necessary.

OPR

Ongoing Precision and Recovery (OPR) standards were prepared and analyzed in association with the sample in this delivery group. All observed percent recoveries were well within method 1613B allowable limits during the OPR determination.

IPR

Initial Precision and Recovery (IPR) standards were prepared and analyzed successfully by the laboratory within the last calendar year. All observed average concentration and standard deviation values passed method defined acceptance criteria.

CLEAN-UP RECOVERY STANDARD

The clean-up recovery standard (^{37}Cl-2,3,7,8-TCDD) was successfully recovered from the sediment samples in the delivery group.

SECOND COLUMN CONFIRMATION

The positive TCDF results for all samples in the delivery group were confirmed via DB225 analyses. The validator has reported all positive TCDF results from data obtained on the DB225 analytical column.

ALTA

Sample ID:	ED NBRIWP A			EPA Method 1613
Client Data		**Sample Data**		**Laboratory Data**
Name:	Environmental Data Services, LTD.	Matrix:	Sediment	Lab Sample: 26557-001 Date Received: 4-Aug-05
Project:	Tierra Solutions Inc.	Sample Size:	5.18 g	QC Batch No.: 7094 Date Extracted: 9-Aug-05
Date Collected:	3-Aug-05	%Solids:	100	Date Analyzed DB-5: 12-Aug-05 Date Analyzed DB-225: 12-Aug-05
Time Collected:	1000			

Analyte	Conc. (pg/g)	DL [a]	EMPC [b]	Qualifiers
2,3,7,8-TCDD	ND	0.301	10/5/05 DLW	
1,2,3,7,8-PeCDD	0.342			J
1,2,3,4,7,8-HxCDD	1.04			J
1,2,3,6,7,8-HxCDD	3.46			J
1,2,3,7,8,9-HxCDD	1.67			J
1,2,3,4,6,7,8-HpCDD	138			
OCDD	7180			
2,3,7,8-TCDF	0.870 ~~0.587~~			J
1,2,3,7,8-PeCDF	ND	0.316		
2,3,4,7,8-PeCDF	ND	0.266		
1,2,3,4,7,8-HxCDF	0.679			J
1,2,3,6,7,8-HxCDF	0.411			J
2,3,4,6,7,8-HxCDF	0.645			J
1,2,3,7,8,9-HxCDF	ND	0.316		
1,2,3,4,6,7,8-HpCDF	11.9 EMPC			
1,2,3,4,7,8,9-HpCDF	1.25			J
OCDF	49.5			

Labeled Standard		%R	LCL-UCL [d]	Qualifiers
IS	13C-2,3,7,8-TCDD	75.9	25 - 164	
	13C-1,2,3,7,8-PeCDD	94.3	25 - 181	
	13C-1,2,3,4,7,8-HxCDD	87.6	32 - 141	
	13C-1,2,3,6,7,8-HxCDD	93.8	28 - 130	
	13C-1,2,3,4,6,7,8-HpCDD	93.7	23 - 140	
	13C-OCDD	76.6	17 - 157	
	13C-2,3,7,8-TCDF	72.3	24 - 169	
	13C-1,2,3,7,8-PeCDF	92.3	24 - 185	
	13C-2,3,4,7,8-PeCDF	93.8	21 - 178	
	13C-1,2,3,4,7,8-HxCDF	101	26 - 152	
	13C-1,2,3,6,7,8-HxCDF	101	26 - 123	
	13C-2,3,4,6,7,8-HxCDF	97.6	28 - 136	
	13C-1,2,3,7,8,9-HxCDF	92.5	29 - 147	
	13C-1,2,3,4,6,7,8-HpCDF	99.0	28 - 143	
	13C-1,2,3,4,7,8,9-HpCDF	101	26 - 138	
	13C-OCDF	84.6	17 - 157	
CRS	37Cl-2,3,7,8-TCDD	79.0	35 - 197	

Totals				
Total TCDD	ND	0.301		
Total PeCDD	1.16		2.50	
Total HxCDD	33.7			
Total HpCDD	406			
Total TCDF	3.94		5.62	
Total PeCDF	1.66		2.35	
Total HxCDF	15.0			B
Total HpCDF	46.3			

Toxic Equivalent Quotient (TEQ) Data [e]

TEQ (Min): 9.76

a. Sample specific estimated detection limit.

b. Estimated maximum possible concentration.

c. Method detection limit.

d. Lower control limit - upper control limit.

e. Toxic Equivalent Quotient (TEQ) based on International Toxic Equivalent Factors (ITEF).

Analyst: JMH

Approved By: Martha M. Maier 13-Aug-2005 11:26

	ED-NBRIWPA 26557_7094_001 Alta Results ng/kg	ED-NBRIWPA Certified reference values ng/kg	ED-NBRIWPA 2 standard deviations ±	PASS or OUT
2,3,7,8-TCDD	0.301 ND	0.06	0.05	PASS
1,2,3,7,8-PeCDD	0.342	0.13	0.12	PASS
1,2,3,4,7,8-HxCDD	1.04	0.93	0.27	PASS
1,2,3,6,7,8-HxCDD	3.46	4.17	0.71	PASS
1,2,3,7,8,9-HxCDD	1.67	2.03	0.56	PASS
1,2,3,4,6,7,8-HpCDD	138	153	20.6	PASS
OCDD	7180	7790	925	PASS
2,3,7,8-TCDF	0.870	0.74	0.23	PASS
1,2,3,7,8-PeCDF	0.316 ND	0.26	0.10	PASS
2,3,4,7,8-PeCDF	0.266 ND	0.37	0.16	PASS
1,2,3,4,7,8-HxCDF	0.679	0.91	0.27	PASS
1,2,3,6,7,8-HxCDF	0.411	0.55	0.22	PASS
2,3,4,6,7,8-HxCDF	0.645	0.69	0.32	PASS
1,2,3,7,8,9-HxCDF	0.316 ND	0.12	0.09	PASS
1,2,3,4,6,7,8-HpCDF	11.9	13.8	2.17	PASS
1,2,3,4,7,8,9-HpCDF	1.25	1.20	0.23	PASS
OCDF	49.5	55.3	9.23	PASS

DIOXIN DATA ASSESSMENT NARRATIVE

SITE: Newark Bay Phase I

LABORATORY: Alta

SAMPLE DELIVERY GROUP: ED-NBRIWP-C

This sample delivery group consists of the following sample:

EDNBRIWPC

The sample described above was analyzed via USEPA method 1613B Protocol to determine the concentrations of PCDD/PCDF compounds in sediment, in this case a Performance Evaluation (PE) sample.

USEPA Region II's data validation checklist HW-25, REV2, September, 1999 was used to perform the dioxin data validation.

All data are valid and acceptable except those analytes, which have been qualified with a "J" (estimated), "N" (presumptive evidence of the presence of the material), "R" (unusable), or "JN" (presumptive evidence of the presence of a material at an estimated value). When specific circumstances exist, the validator may also be required to qualify positive sample values as estimated maximum possible concentration (EMPC). All data qualification related to this group of samples is detailed on the attached sheets.

Major Data Quality Issues

None.

Minor Data Quality Issues

Interferences – The 1,2,3,6,7,8-HxCDF value for the sample in the delivery group has been qualified as an EMPC, due to the presence of the corresponding diphenyl ether at a peak signal greater than 2.5 times that of background noise.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable due to significant QC problems, the data is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on any data tables even as a last resort.

Lastly, no analyte concentration, even if it passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Date: 10-14-05

Diane Waldschmidt
Environmental Scientist/Director

HOLDING TIME

All samples in this delivery group were prepared and analyzed within the holding time specified in the validation guideline.

CHROMATOGRAPHIC RESOLUTION

A performance check solution (Window Defining Mixture/Isomer Specificity Test Standard) was analyzed at the beginning and end of every 12-hour analysis period. Upon evaluation of the performance check solution data all QC criteria were met. Therefore, the data associated with these check standards were not qualified.

INITIAL CALIBRATION

Data was submitted representing six concentration level initial calibrations. All initial calibrations used during the analysis of the sample in this delivery group were contained in the data package.

The validator has evaluated the initial calibrations examining ion ratios, signal to noise ratios, retention time and percent relative standard deviation criteria for all PCDD/PCDF target analytes and their labeled analogs.

Upon examination of the initial calibration data, all of the criteria listed in method 1613B were met.

ROUTINE CALIBRATION

A routine calibration standard was evaluated at the beginning and end of each 12-hour analysis period.

The validator has evaluated the routine calibration standard data submitted examining ion ratios, retention time, signal to noise ratios, and percent difference criteria for all PCDD/PCDF target analytes and their labeled analogs.

Upon examination of the routine calibration data submitted, all of the criteria listed in method 1613B were met.

SAMPLE DATA

Qualitative Requirements

All positively reported results met method and validation qualitative acceptance criteria.

Quantitative Requirements

Sample and internal standard concentration calculations were verified and no errors were detected.

Interferences

Positive PcDF values reported for the sample in this delivery group were evaluated to determine the presence of the corresponding diphenyl ether at a peak signal greater than 2.5 times that of the background noise. Upon evaluation, the chromatogram for sample EDNBRIWPC exhibited an interference peak of a diphenyl ether (at greater than 2.5 times background) within the retention time range of 1,2,3,6,7,8-HxCDF. Per validation guidance, the positive result reported for 1,2,3,6,7,8-HxCDF in sample EDNBRIWPC has been qualified as an EMPC.

BLANKS

Rinsate Blanks

This sample delivery group contains only a pre-project PE sample. Therefore, no rinsate blank is required.

Method Blanks

Method blanks were prepared and analyzed in association with the sample in this delivery group at the specified frequency. Upon examination of method blank data, no analyte was positively identified at a concentration above the method defined minimum levels in any associated method blank.

FIELD DUPLICATE

This sample delivery group contains only a pre-project PE sample, therefore no field duplicate is required.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

This sample delivery group contains only a pre-project PE sample. Therefore, no matrix spike or matrix spike duplicate are required.

INTERNAL STANDARD

Internal standards ($^{13}C_{12}$–2,3,7,8-TCDD and $^{13}C_{12}$-1,2,3,7,8,9-HxCDD) are added to each sample and method blank extract prior to injection. The area counts for each of the recovery standards in each sample must fall within the range (+100% to –50%) of that observed during analysis of the mid- level calibration standard during the instrument initial calibration sequence.

Upon evaluation all internal standard responses were well within acceptable limits.

LABELED ANALOG STANDARDS

In all cases calculated percent recoveries of labeled analog standards were well within method and validation acceptance limits. No qualification of data was necessary.

OPR

Ongoing Precision and Recovery (OPR) standards were prepared and analyzed in association with the sample in this delivery group. All observed percent recoveries were well within method 1613B allowable limits during the OPR determination.

IPR

Initial Precision and Recovery (IPR) standards were prepared and analyzed successfully by the laboratory within the last calendar year. All observed average concentration and standard deviation values passed method defined acceptance criteria.

CLEAN-UP RECOVERY STANDARD

The clean-up recovery standard (^{37}Cl-2,3,7,8-TCDD) was successfully recovered from the sediment samples in the delivery group.

SECOND COLUMN CONFIRMATION

The positive TCDF results for all samples in the delivery group were confirmed via DB225 analyses. The validator has reported all positive TCDF results from data obtained on the DB225 analytical column.

Sample ID:	ED NBRIWP C				EPA Method 1613
Client Data		**Sample Data**		**Laboratory Data**	
Name:	Environmental Data Services, LTD.	Matrix:	Sediment	Lab Sample:	26735-001
Project:	Tierra Solutions Inc.	Sample Size:	5.02 g	QC Batch No.:	7251
Date Collected:	20-Sep-05	%Solids:	100	Date Analyzed DB-5:	23-Sep-05
Time Collected:	1000 10-14-05 DMW			Date Received:	22-Sep-05
				Date Extracted:	22-Sep-05
				Dates Analyzed DB-225:	24-Sep-05

Analyte	Conc. (pg/g)	DL [a]	EMPC [b]	Qualifiers
2,3,7,8-TCDD	112			
1,2,3,7,8-PeCDD	14.0			
1,2,3,4,7,8-HxCDD	18.8			
1,2,3,6,7,8-HxCDD	52.7			
1,2,3,7,8,9-HxCDD	30.6			
1,2,3,4,6,7,8-HpCDD	456			
OCDD	2850			
2,3,7,8-TCDF	~~45.5~~ 48.2			
1,2,3,7,8-PeCDF	35.4			
2,3,4,7,8-PeCDF	57.5			
1,2,3,4,7,8-HxCDF	386			
1,2,3,6,7,8-HxCDF	88.3		EMPC	
2,3,4,6,7,8-HxCDF	40.6			
1,2,3,7,8,9-HxCDF	35.0			
1,2,3,4,6,7,8-HpCDF	1620			
1,2,3,4,7,8,9-HpCDF	91.9			
OCDF	3380			

	Labeled Standard	%R	LCL-UCL [d]	Qualifiers
IS	13C-2,3,7,8-TCDD	97.3	25 - 164	
	13C-1,2,3,7,8-PeCDD	103	25 - 181	
	13C-1,2,3,4,7,8-HxCDD	97.2	32 - 141	
	13C-1,2,3,6,7,8-HxCDD	97.3	28 - 130	
	13C-1,2,3,4,6,7,8-HpCDD	100	23 - 140	
	13C-OCDD	59.2	17 - 157	
	13C-2,3,7,8-TCDF	110 ~~76.8~~	24 - 169	
	13C-1,2,3,7,8-PeCDF	96.7	24 - 185	
	13C-2,3,4,7,8-PeCDF	99.4	21 - 178	
	13C-1,2,3,4,7,8-HxCDF	82.0	26 - 152	
	13C-1,2,3,6,7,8-HxCDF	86.9	26 - 123	
	13C-2,3,4,6,7,8-HxCDF	90.6	28 - 136	
	13C-1,2,3,7,8,9-HxCDF	89.3	29 - 147	
	13C-1,2,3,4,6,7,8-HpCDF	90.0	28 - 143	
	13C-1,2,3,4,7,8,9-HpCDF	100	26 - 138	
	13C-OCDF	72.4	17 - 157	
CRS	37Cl-2,3,7,8-TCDD	104	35 - 197	

Totals			
Total TCDD	242	243	
Total PeCDD	188		
Total HxCDD	458	466	
Total HpCDD	838		
Total TCDF	723		
Total PeCDF	635		
Total HxCDF	1150	1160	
Total HpCDF	2100		

Toxic Equivalent Quotient (TEQ) Data [e]

TEQ (Min): 247

a. Sample specific estimated detection limit.

b. Estimated maximum possible concentration.

c. Method detection limit.

d. Lower control limit - upper control limit.

e. Toxic Equivalent Quotient (TEQ) based on International Toxic Equivalent Factors (ITEF).

Analyst: DMS

Approved By: Martha M. Maier 12-Oct-2005 13:16

	ED-NBRIWPC 26735-001 Alta Results ng/kg	ED-NBRIWPC Certified reference values ng/kg	ED-NBRIWPC 2 standard deviations ±	PASS or OUT
2,3,7,8-TCDD	112	121	43	PASS
1,2,3,7,8-PeCDD	14	19	7	PASS
1,2,3,4,7,8-HxCDD	18.8	20	10	PASS
1,2,3,6,7,8-HxCDD	52.7	60	18	PASS
1,2,3,7,8,9-HxCDD	30.6	37	16	PASS
1,2,3,4,6,7,8-HpCDD	456	501	129	PASS
OCDD	2850	3067	888	PASS
2,3,7,8-TCDF	48.2	47	31	PASS
1,2,3,7,8-PeCDF	35.4	35	17	PASS
2,3,4,7,8-PeCDF	57.5	45	16	PASS
1,2,3,4,7,8-HxCDF	386	437	151	PASS
1,2,3,6,7,8-HxCDF	88.3	96	46	PASS
2,3,4,6,7,8-HxCDF	40.6	39	31	PASS
1,2,3,7,8,9-HxCDF	7.66	16	32	PASS
1,2,3,4,6,7,8-HpCDF	1620	1923	558	PASS
1,2,3,4,7,8,9-HpCDF	91.9	98	39	PASS
OCDF	3380	3875	1328	PASS

ATTACHMENT B

TIERRA SOLUTIONS, INC.

October 16, 2006

U.S. Environmental Protection Agency, Region II
Emergency and Remedial Response Division
290 Broadway, 19th Floor, Room W-20
New York, NY 10007-1866

Attention: Ms. Elizabeth Butler
Remedial Project Manager

Subject: Administrative Order on Consent, U.S.E.P.A. Index No. CERCLA-02-2004-2010 for Newark Bay Study Area – *Corrective Action Form 004*

Dear Ms. Butler:

Tierra Solutions, Inc. [funding and performing, on behalf of Occidental Chemical Corporation, the subject Administrative Order On Consent (Newark Bay AOC)] (Respondent) hereby submits three copies [2 paper, 1 electronic (to be submitted via electronic mail to butler.elizabeth@epamail.epa.gov)] of Corrective Action Form (CAF) 004 implemented during laboratory analytical and data validation activities associated with the Phase I Sediment Investigation (SI).

During Phase I SI data evaluation and data validation activities, non-conformances associated with the extraction and analysis of sediment samples for semivolatile organic compounds (SVOCs), pesticides, Aroclor PCBs, and herbicides were identified by the Quality Assurance Officer (QAO) and Quality Assurance Contractor (QAC) and reported to the Facility Coordinator (FC).

Upon approval from USEPA (personal communication, March 9, 2006), corrective actions, including re-extraction/re-analysis of a substantial number of sediment samples, were implemented.

The completed Corrective Action Form 004 with further description of the non-conformances and summary of the resolution is attached.

Please feel free to contact me if you have any questions regarding this submittal.

Sincerely,

Paul J. Bluestein
Alternate Facility Coordinator
On behalf of Occidental Chemical Corporation
(as successor to Diamond Shamrock Chemicals Company)

10th floor
Two Tower Center Blvd. East Brunswick, New Jersey 08816

Copy to:

R. Romagnoli – BBL
Janine MacGregor – NJDEP
Amelia Wagner, Attorney – Newark Bay Study Area - USEPA

Field/Laboratory Corrective Action Form

CORRECTIVE ACTION FORM

Project Name: Newark Bay Phase I RIWP CAF No.: 004

Project Number: N/A

Date Prepared: 09-07-06

Preparer: Diane Waldschmidt

Description of Non-Compliance	
Date(s) of Event(s): 11/05 – 4/06	Affected Plan/Section: Phase I RIWP Sections 5.2.1.2, 6.6.1, and 7.3.2

Per Section 6.6.1 of the Newark Bay Study Area (NBSA) Phase I Remedial Investigation Work Plan (RIWP), Rev. 1, Vol. 2a of 3, September 2005 (Phase I RIWP), Analytical Methods, sediment samples were to be extracted for semivolatile organic compounds (SVOC), pesticides, and Aroclor PCBs analyses using USEPA SW-846 3550B and for herbicide analyses using USEPA SW-846 8151A. Both procedures (3550B and 8151A) specify 30 grams of sample mass to be used in the extraction process.

Lancaster Laboratories, Inc. (Lancaster) performed the analyses described above. In some cases, Lancaster performed the procedures using sample sizes that were less than the 30 grams specified in these procedures.

The laboratory extracted a smaller amount of sediment than specified in the procedures, and in some cases diluted sample extracts prior to analysis in an effort to overcome matrix interferences/difficulties. However, by using a smaller sample size than specified in the analytical methodologies and/or analyzing a diluted sample extract, the sample quantitation limits (SQLs) were compromised. The laboratory failed to notify project team members of the observed sample matrix difficulties or its proposed corrective action of extracting smaller sample aliquots. Such notification is specified in Section 7.3.2 of the Phase I RIWP, Laboratory Corrective Actions. Instead the laboratory implemented these corrective actions and analyzed reduced sample aliquots and/or diluted sample extracts.

The non-conformances described above were identified by the Quality Assurance Officer (QAO) and Quality Assurance Contractor (QAC) and reported to the Facility Coordinator (FC) during preliminary data evaluation and data validation activities.

Lancaster management and staff were asked to review the situation and explain the method modifications employed. Upon review, Lancaster indicated that when processing sediment samples collected during the Phase I Sediment Investigation (SI), problems were encountered related to sample matrix, namely high percent moisture and high levels of petroleum-type components, resulting in samples having a "tarry" appearance. For these reasons, reduced sample sizes were used in the extraction of SVOCs, pesticides, Aroclor PCBs, and herbicides.

Corrective Action

The QAO and QAC, in conjunction with Lancaster management, discussed and reviewed the details presented by Lancaster regarding sediment sample matrix issues. After careful review, it was agreed that no alternate process was available for herbicides that would potentially improve analytical performance given the matrix difficulties encountered. Therefore, no corrective actions were recommended or carried out for the herbicide analytical fraction.

The following corrective actions were implemented after approval from USEPA Region 2, (personal communication, March 9, 2006) for the SVOC, pesticide, and Aroclor PCB fractions.

Those sediments extracted using a less than 30 gram aliquot and/or those analyzed based on a diluted extract were evaluated carefully examining percent moisture and total petroleum hydrocarbon results reported. Sediment samples were specified for re-extraction/re-analysis when they were found to contain less than 10,000 parts per million (ppm) total extractable petroleum hydrocarbons (TEPH) and less than 90% moisture. Aroclor PCB constituents were further evaluated to determine if samples were significantly positive for any target Aroclor PCB during the initial analysis making re-analysis of a more concentrated sample ineffective. Sediment samples identified for re-extraction/re-analysis as described above were re-extracted/re-analyzed using a 30 gram sample size as specified in Method 3050B.

Initially 301 sediment samples were analyzed for SVOCs, pesticides and Aroclor PCBs; of these the corrective actions described above were applied to 214 samples analyzed for SVOCs, 59 samples analyzed for pesticides and 147 samples analyzed for Aroclor PCBs. Samples that were re-extracted and re-analyzed after implementation of specified corrective actions are listed in the attached table (Attachment 1).

Extract clean-up processes were evaluated and recommended as additional/alternative corrective actions for the SVOC, pesticide, and Aroclor PCB analytical fractions. Gel Permeation Chromatography (GPC) SW846-3640 was employed as necessary to the re-extracted samples in advance of re-analysis. Use of this clean-up procedure was successful in removing large hydrocarbon petroleum type interferences, and therefore it allowed the laboratory to extract maximum sample mass and achieve method-specified final volumes. This in turn resulted in reporting limits consistent with those specified in Section 5.2.1.2 of the Phase I RIWP. These re-extracted and re-analyzed samples were processed and reported per Phase I RIWP requirements. The results and associated quality control measures were evaluated according to the data validation procedures outlined in Section 8.1.2 of the Phase I RIWP.

The corrective action measures were applied more than 100 days past sample collection. Therefore, per validation guidance, non-detected results obtained from the re-extracted/re-analyzed samples could not be used and were qualified as rejected ("R" flagged). In these instances the data from the original extractions/analyses were incorporated into the final Phase I RIWP analytical database.

Positive results obtained from the re-extracted/re-analyzed samples were evaluated via the data validation standard operating procedures specified in section 8.1.2 of the Phase I RIWP. The validated positive results for target analytes that were not previously identified (952 SVOCs, 58 pesticides, and 37 Aroclor PCBs) have been included in the final Phase I RIWP analytical database and have been qualified as estimated ("J" flagged) due to holding time exceedence.

Corrective Action Approved By:			
Preparer:	Diane Waldschmidt	Date: 9-7-06	9-07-06
Facility Coordinator	Richard P. McNutt	Date:	10.12.06
Alternate Facility Coordinator	Paul J. Bluestein	Date:	10.12.06
Project QA/QC Officer:	Merton M. Skaggs, Jr.	Date: 10-11-06	

Phase II
Sediment Chemical Data Quality and Usability Assessment

Newark Bay Study Area
Remedial Investigation

Tierra Solutions, Inc.
East Brunswick, NJ

March 2010

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Table 1 Data Validation Qualifiers

Attachments

Attachment A Performance Evaluation Samples for Phase II RIWP

This report provides a summary of the documentation and evaluation of data quality and usability for sediment chemistry data collected during the implementation of the Newark Bay Study Area Phase II Remedial Investigation Work Plan, Revision 2, Amendment 1 (Phase II RIWP; Tierra 2007).

1. Data Quality Parameters Overview

To determine whether the analytical data obtained were consistent with the objectives for the Phase II RIWP program five data quality parameters were evaluated, including specific data quality criteria assessed during analytical data validation. In the event that the data validation process identified an instance where any of the data quality parameters did not meet the objectives established in the Phase II RIWP, the affected sample results were evaluated in accordance with the data validation protocols specified in Section 13.2 of the Phase II RIWP and qualified accordingly. A detailed narrative describing each data qualifier applied to specific results can be found within the data validation reports prepared for each laboratory data package. Per Section 13.2 of the Phase II RIWP, laboratory data packages, completed assessment checklists, and data validation reports are located in the Newark Bay Project File. These data validation records can be provided by Tierra Solutions Inc. (Tierra) for review, at the United States Environmental Protection Agency's (USEPA) request.

The five data quality parameters assessed included the following:

- precision;
- accuracy;
- representativeness;
- completeness; and
- comparability.

Each of these data quality parameters, as it relates to the Phase II RIWP program, is discussed below.

1.1 Precision

Precision is the measure of variability between individual sample measurements of the same property under similar conditions. During the Phase II RIWP program, precision was evaluated through the analysis of replicate samples. Two types of replicate samples, field and laboratory duplicates, were analyzed at regular, specified intervals throughout the Phase II RIWP program.

Field duplicates consisted of select samples that were collected in the field at the frequency specified in the Phase II RIWP. These samples were homogenized (except for those to be analyzed for VOCs), split into two distinct samples, and were then submitted “blind” to the analytical laboratory (ies) for analysis (i.e., the sample identification did not reveal the sample with which the duplicate was associated). Relative percent differences (RPDs) between the field sample and the field duplicate results provide an estimate of the overall sampling and analytical precision.

Laboratory duplicates are two portions of a single homogeneous sample that are analyzed for the same parameter in order to determine the precision of the analytical system. Two types of laboratory duplicates

were performed. Laboratory duplicates without known analyte spikes added were analyzed to monitor laboratory precision for metals and cyanide analyses, while matrix spike and matrix spike duplicate evaluations were performed to monitor laboratory precision for the remaining analysis types. Laboratory duplicates were analyzed at the frequency specified in the Phase II RIWP. The RPD between results obtained for a given laboratory duplicate pair provides an estimate of analytical precision.

The precision assessment for both field and laboratory duplicate analyses is expressed as the RPD:

$$RPD = \left\{ \frac{(S - D)}{\frac{(S + D)}{2}} \right\} \times 100$$

where: S = original sample concentration
D = duplicate sample concentration

Acceptance criteria for field and laboratory duplicates are provided in Tables 9-1 and 9-2 of the Phase II RIWP. Conformance to field and laboratory duplicate frequency requirements, as well as acceptability of the resulting RPD values, were evaluated and considered during data validation.

Although field and laboratory duplicate analyses are used as indicators of relative precision of the sampling and analytical systems, the degree of homogeneity of the contaminants in the sample medium can also affect the reproducibility of a particular measurement. For example, pieces of decayed wood debris, chunks of asphalt, glass, free product, etc. can increase sample heterogeneity and therefore reduce the field/laboratory technician's ability to create homogeneous duplicate samples with which to measure precision. Since the sediment sample matrix characteristics can affect the way precision is measured, the sample matrix should be considered by the data user.

1.2 Accuracy

Accuracy is a measure of the bias in a system, and is defined as the degree of agreement between a measurement and an accepted reference, or true, value. Accuracy was monitored during the Phase II RIWP program through the evaluation of field blanks, laboratory blanks, matrix spike (MS) samples, and laboratory control samples (performed at regular, specified intervals). In addition, pre-mobilization performance evaluation samples were analyzed, for polychlorinated dibenzo-*p*-dioxins/polychlorinated dibenzofurans (PCDDs/PCDFs), semivolatile organics, pesticides, metals and congener PCBs only, prior to initiating field work. Documentation of successful analysis of the performance evaluation samples was provided to the USEPA by Tierra Solutions, Inc. in a letter dated October 9, 2007 (see Attachment A).

As outlined in the Phase II RIWP, field and laboratory blanks were used to monitor potential bias introduced by sampling procedures or laboratory contaminants. MS evaluations were used to assess bias by monitoring the actual recovery of a known quantity of a chemical, added to the native sample, versus the expected recovery. Likewise, actual versus expected recoveries of known laboratory control standards and performance evaluation samples (PCDDs/PCDFs, semivolatile organics, pesticides, metals and congener PCBs only), were evaluated for potential bias.

Acceptance criteria for each of the quality control evaluations described above are provided in Tables 9-1 and 9-2 of the Phase II RIWP. Conformance to field and laboratory quality control (QC) sample frequency requirements, as well as acceptability of QC results for accuracy, were evaluated and considered during data validation and qualification.

1.3 Representativeness

Representativeness is the degree to which a data set accurately represents the characteristics of a population, parameter conditions at a sample point, or an environmental condition. Data are representative when all sampling and analyses are performed in compliance with appropriate procedures. Performing sample analyses within the specified holding times and adhering to sample handling and storage requirements are also critical elements in obtaining representative sample data. These elements were evaluated and considered during data validation and qualification. Acceptance criteria for sample handling, storage and holding times are provided in Tables 6-7 and 6-10 of the Phase II RIWP.

1.4 Completeness

There are two measures of completeness defined for the Phase II RIWP program: field completeness and analytical completeness. Field completeness is defined as the overall number of planned samples compared with the number of samples received by the laboratory (ies) in acceptable condition for analysis. Analytical completeness is defined as the overall number of valid analytical results (following validation of the data packages, and including estimated values) compared with the total number of analytical results requested on samples received by the laboratory for analysis. The formulas used to compute field and analytical completeness are presented below.

$$\%\ \text{Field Completeness} = \left(\frac{Number\ of\ Samples\ Received\ by\ Laboratories}{Total\ Number\ of\ Samples\ Planned\ to\ be\ Collected}\right) \times 100$$

$$\%\ \text{Analytical Completeness} = \left(\frac{Total\ Valid\ Analytical\ Data}{Analytical\ Data\ Obtained}\right) \times 100$$

The targeted field and analytical completeness goals were 90% for the Phase II RIWP program; these goals were met or exceeded, as summarized below.

Phase II RIWP Overall	Completeness Goal Established in Phase II RIWP	Completeness Achieved
Field Completeness	90%	95.3%
Analytical Completeness	90%	99.0%

Phase II RIWP Analytical Completeness by Analysis and Sample Type	Completeness Achieved
Sediment	
Volatile Organic Compounds	99.6%
Semivolatile Organic Compounds	98.3%
Total Extractable Petroleum Hydrocarbons	100%
Pesticides	97.1%
Aroclor PCBs	99.9%
Congener PCBs	99.7%
Herbicides	74.9%
Polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans	100%
Metals	99.3%
Cyanide	100%
2,4-Series Pesticides	97.5%
Total Organic Carbon	100%
Radiochemical	100%
Field Blanks/Trip Blanks	
Volatile Organic Compounds	100%
Semivolatile Organic Compounds	100%
Total Extractable Petroleum Hydrocarbons	100%
Pesticides	100%
Aroclor PCBs	100%
Congener PCBs	100%
Herbicides	100%
Polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans	100%
Metals	100%
Cyanide	100%
2,4-Series Pesticides	100%
Total Organic Carbon	100%

1.5 Comparability

Comparability expresses the confidence with which one set of data can be compared with another to measure the same property. Data can be compared to the degree that their accuracy, precision, and representativeness are known and documented. Data are comparable if QC measures such as collection techniques, measurement procedures, analytical methods, and reporting units are equivalent for the samples being compared. Data subject to established quality assurance/quality control (QA/QC) measures are deemed more reliable and, therefore, more comparable, than data generated without such measures.

Consistent application of prescribed procedures was monitored throughout the Phase II RIWP program. Field and laboratory audits were used to assess conformance with the Phase II RIWP during sampling and analytical activities. Per Section 11.4 of the Phase II RIWP, field and laboratory audit reports are retained in the Newark Bay Project File. These audit reports can be provided by Tierra for review at USEPA's request. Likewise, specific data validation protocols were consistently applied to chemical and radiochemical data generated under this program to understand and document accuracy, precision and representativeness, thereby establishing comparability as defined above.

During data validation activities, analytical data were evaluated using a defined set of guidelines and acceptance criteria. In addition, data validation qualifiers were consistently applied to the analytical data generated during the Phase II RIWP program. When consistently applied, the data validation process serves to allow data comparability to be established between the Phase II RIWP and other data sets.

2. Phase II RIWP Data Validation and Qualification

2.1 Data Validation Status

Phase II RIWP analytical results were provided by the laboratories both electronically and in hard copy format. Upon receipt from the laboratory, results for specific analytical groups described below were validated by Environmental Data Services, Ltd. (EDS) as per the Section 13.2 of the Phase II RIWP using the following procedures:

Aroclor PCB data	USEPA Region 2 SOP No. HW-6, Revision 12, March 2001
Pesticides data	USEPA Region 2 SOP No. HW-6, Revision 12, March 2001
Semivolatile organics data	USEPA Region 2 SOP No. HW-6, Revision 12, March 2001
Herbicide data	USEPA Region 2 SOP No. HW-17, Revision 1.3, November 1994
Metals and cyanide data	USEPA Region 2 SOP No. HW-2, Revision 13, September 2005
Dioxin and furan isomer data	USEPA Region 2 SOP No. HW-25, Revision 2, September 1999
Volatile organics data	USEPA Region 2 SOP No. HW-6, Revision 12, March 2001

USEPA Region 2 did not have established validation standard operating procedures (SOPs) for radiochemical, congener PCB, TEPH, or TOC analyses at the time the Phase II RIWP was written and approved. Therefore, validation and qualification for these data types were specified in data validation SOPs prepared for this project. All validation SOPs (USEPA Region 2 and project-specific) that were used during the implementation of the Phase II RIWP are provided in Appendix H of the Phase II RIWP.

The Phase II RIWP sediment chemical and radiochemical data (as described above) underwent a full data validation process. This independent data validation process was described, in detail, in Section 13.2 of the Phase II RIWP. Based on the outcome of the data validation process, data validation qualifiers were added to the laboratory-reported sample results, as appropriate. The data validation qualifiers provide the data user with additional information about the usability of a given data point, the degree of certainty in the data, and indicate bias in a data point when assignment of bias is possible. The list of data validation qualifiers used to qualify data collected during the Phase II RIWP implementation is provided in Table 1 of this document.

2.2 Data Quality Issues and Data Qualification/Usability

Two types of data quality issues are discussed in this section, systematic data quality issues (Section 2.2.1) and random data quality issues (Section 2.2.2). Systematic data quality issues are those that are identified as having a consistent impact on the quality of numerous results reported (i.e., data quality of many samples and/or constituent classes are affected by a single data quality issue), due to a common circumstance or procedural application. While random data quality issues are those that impact the quality of results on a limited basis (i.e., data quality for a specific sample(s) and/or analyte(s) are affected by the data quality issue).

2.2.1 Systematic Data Quality Issues and Data Qualification

No systematic data quality issues were identified during the Phase II RIWP data validation task.

2.2.2 Random Data Quality Issues and Data Qualification

Many random data quality issues were identified during the Phase II RIWP data validation task. Random data quality issues and the resulting data qualification are discussed in Section 2.3 of this report.

2.3 Data Qualification/Usability Summarized by Constituent Class

The following discussion summarizes the data validation findings and associated qualifications related to random data quality issues for each constituent class. Note, no systematic data quality issues were identified during the data validation task. These validation findings have been separated into two distinct categories, major data quality issues and minor data quality issues.

Major data quality issues are those that result in the qualification of the analytical value reported as "R," or rejected. Rejection of a data point indicates that the analysis is invalid and provides no information as to whether the analyte is present or not. Data usability is distinguished based on the presence or absence of the "R" validation qualifier. Rejected data are not usable, while data that have not been rejected are usable.

Minor data quality issues include all other QA/QC issues identified during the data validation process that require sample results to be qualified, indicating a level or type of uncertainty associated with the reported result. Qualifiers applied to sample results were determined based on the data validation protocols specified in Section 13.2 of the Phase II RIWP.

Volatile Organic Compounds (VOCs)

The Phase II RIWP sediment VOC data set is comprised of 385 samples with 2,310 associated results.

Two major data quality issues were identified during validation of the Phase II RIWP sediment VOC analytical data. One sample exhibited a non-compliant internal standard area response of less than 25% of the daily standard, and several initial and continuing calibrations were found to have relative response factors for various target analyte VOCs that were extremely low (less than 0.05). The affected target analyte results were qualified as "R" (rejected/unusable).

Major Data Quality Issues				
Volatiles	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of VOC Results Affected**
Results qualified as unusable due to non-compliant internal standard area responses	Accuracy	1	4	0.17
Results qualified as unusable due to failure to meet calibration criteria	Accuracy	1	6	0.26

Five minor data quality issues were indentified in the Phase II RIWP sediment VOC data, they are described in the table below. Sample results affected by the minor data quality issues outlined below were qualified as "J" (estimated) with bias indicated where appropriate and/or "U" (not detected) as appropriate.

Minor Data Quality Issues				
Volatiles	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of VOC Results Affected**
Non-compliant field duplicate precision	Precision	2	2	0.09
Non-compliant matrix spike/matrix spike duplicate recovery	Accuracy	3	3	0.13
Non-compliant surrogate standard recovery	Accuracy	23	62	2.7
Non-compliant internal standard area response	Accuracy	162	778	34
Exceeded holding times	Representativeness	1	6	0.26

Semivolatile Organic Compounds (SVOCs)

The Phase II RIWP sediment SVOC data set is comprised of 385 samples with 25,795 associated results.

Two major data quality issues were identified during validation of the Phase II RIWP sediment SVOC analytical data. One sample exhibited extremely low (less than 10%) recovery for pentachlorophenol during the matrix spike evaluation. Many other sample results were associated with initial and continuing calibrations with significant failures for specific analytes. Significant failures include relative response factors for various SVOCs that were extremely low (less than 0.05), and observed percent difference values between relative response factors in excess of 90%. The affected sediment SVOC results were qualified as "R" (rejected/unusable).

Major Data Quality Issues				
Semivolatiles	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of SVOC Results Affected**
Results qualified as unusable due to extremely low matrix spike recovery	Accuracy	1	1	0.01
Results qualified as unusable due to failure to meet calibration criteria	Accuracy	310	435	1.7

Nine minor data quality issues were identified in the Phase II RIWP sediment SVOC data and are listed in the table below. Sample results affected by the minor data quality issues outlined below were qualified as "J" (estimated) with bias indicated where appropriate and/or "U" (not detected) as appropriate.

Minor Data Quality Issues				
Semivolatiles	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of SVOC Results Affected**
Non-compliant initial and continuing calibration	Accuracy	354	844	3.3
Non-compliant matrix spike/matrix spike duplicate recovery	Accuracy	12	14	0.05
Non compliant surrogate standard recovery	Accuracy	38	426	1.6
Non-compliant field duplicate precision	Precision	2	16	0.06
Exceeded holding time	Representativeness	4	63	0.24
Method blank contamination	Accuracy	133	285	1.1
Rinse blank contamination	Accuracy	12	72	0.28
Result concentration outside linear range	Accuracy	6	14	0.05
Non-compliant internal standard area response	Accuracy	103	685	2.7

Total Extractable Petroleum Hydrocarbons (TEPH)

The Phase II RIWP sediment TEPH data set is comprised of 385 samples with 385 associated results.

No major data quality issues were identified during validation of the Phase II RIWP sediment TEPH analyses.

Three minor data quality issues were identified and are listed in the table below. Sample results affected by the minor data quality issues outlined below were qualified as "J" (estimated) with bias indicated where appropriate and/or "U" (not detected) as appropriate.

Minor Data Quality Issues				
TEPH	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of TEPH Results Affected**
Non-compliant surrogate recovery	Accuracy	7	7	1.8
Exceeded holding time	Representativeness	1	1	0.26
Method blank contamination	Accuracy	35	35	9.1

Pesticides

The Phase II RIWP sediment Pesticides data set is comprised of 385 samples with 8,085 associated results.

Two major data quality issues were identified during validation of the Phase II RIWP pesticides analyses. Three samples exhibited peaks for identified target analytes that fell outside the retention time during second column confirmation. Many samples exhibited percent differences between results reported from

dual column analyses in excess of 200%. The affected target analyte results were flagged "R" (rejected/unusable).

Major Data Quality Issues				
Pesticides	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Pesticides Results Affected**
Failed retention time criteria	Accuracy	3	3	0.04
Percent difference between dual column results in excess of 200%	Precision	NC	230	2.8

NC = Not calculated
*Some results had greater than one major quality issue; therefore, the total # of "R" qualified results is less than the total number of results affected.

Seven minor data quality issues were identified and are listed in the table below. Sample results affected by the minor data quality issues as outlined below were qualified "J" (estimated) with bias indicated where appropriate and/or "U" (not detected) as appropriate with the following exceptions. In the case of minor data quality issue *Difference between results obtained from two analytical columns in excess of validation criteria*, the affected sample results were qualified as either "J" (estimated), or "NJ" (tentatively identified), for percent differences greater than 25% but less than 90% between results obtained from the two analytical columns; or "U" (not detected) at the project quantitation limit (PQL) for percent differences greater than 90% between results obtained from the two analytical columns when both values were less than the PQL.

Minor Data Quality Issues				
Pesticides	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Pesticides Results Affected**
Exceeded holding time	Representativeness	23	430	5.3
Non-compliant field duplicate precision	Precision	8	16	0.20
Method blank contamination	Accuracy	3	3	0.04
Non-compliant laboratory control sample recovery	Accuracy	17	18	0.22
Difference between results obtained from two analytical columns in excess of validation criteria	Precision	NC	3,132	39
Non-compliant surrogate recoveries	Accuracy	3	44	0.54
Non compliant matrix spike/matrix spike duplicate recovery	Accuracy	10	16	0.20

NC = Not calculated

Aroclor PCBs

The Phase II RIWP sediment Aroclor PCB data set is comprised of 385 samples with 3,465 associated results.

One major data quality issue was identified during validation of the Phase II RIWP sediment Aroclor PCB analyses. Three results exhibited percent differences between results reported from dual column analyses in excess of 200%.

Major Data Quality Issues				
Aroclor PCBs	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Aroclor PCB Results Affected**
Percent difference between dual column results in excess of 200%	Accuracy	3	3	0.09

Five minor data quality issues were identified and are listed in the table below. Sample results affected by the minor data quality issues as outlined below were qualified "J" (estimated) with bias indicated where appropriate and/or "U" (not detected) as appropriate with the following exceptions. In the case of minor data quality issue *Difference between results obtained from two analytical columns in excess of validation criteria*, the affected sample results were qualified as either "J" (estimated), or "NJ" (tentatively identified), for percent differences greater than 25% but less than 90% between results obtained from the two analytical columns; or "U" (not detected) at the project quantitation limit (PQL) for percent differences greater than 90% between results obtained from the two analytical columns when both values were less than the PQL.

Minor Data Quality Issues				
Aroclor PCBs	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Aroclor PCB Results Affected**
Exceeded holding time	Representativeness	20	180	5.2
Non-compliant surrogate recoveries	Accuracy	11	99	2.9
Difference between results obtained from two analytical columns in excess of validation criteria	Precision	NC	180	5.2
Non-compliant precision for field duplicate	Precision	2	2	0.06
Non-compliant matrix spike/matrix spike duplicate recovery	Accuracy	5	29	0.84

NC = Not calculated

Congener PCBs

The Phase II RIWP sediment Congener PCBs data set is comprised of 385 samples with 64,680 associated results.

One major data quality issue was identified during validation of the Phase II RIWP sediment Congener PCBs analyses. One hundred and ten samples had positive results reported when relative retention time criteria were not met. The associated target analyte results were qualified as "R" (rejected/unusable).

Major Data Quality Issues				
Congener PCBs	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Congener PCB Results Affected**
Failed relative retention time criteria	Accuracy	110	186	0.29

Nine minor data quality issues were identified and are listed in the table below. Sample results associated with these minor data quality issues were qualified as "J" (estimated) or "EMPC" (estimated maximum possible concentration), as appropriate.

Minor Data Quality Issues				
Congener PCBs	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Congener PCB Results Affected**
Method blank contamination	Accuracy	104	194	0.30
Non-compliant matrix spike/matrix spike duplicate recovery	Accuracy	15	131	0.20
Non-compliant precision for a field duplicate	Precision	20	203	0.31
Non-compliant labeled recovery standard area response	Accuracy	140	9,357	14
Interferences affecting accurate quantitation of PCB-81	Representativeness	285	285	0.44
Exceeded holding times	Representativeness	21	3,526	5.5
Interferences affecting accurate quantitation of PCB-159	Representativeness	5	5	0.01
Value exceeded established linear range	Accuracy	1	13	0.02
Non-compliant internal standard recoveries	Accuracy	7	11	0.02

Herbicides

The Phase II RIWP sediment Herbicide data set is comprised of 385 samples with 1,540 associated results.

Four major data quality issues were identified during validation of the Phase II RIWP sediment herbicide analyses. Sample results associated with these major data quality issues were qualified as "R" (rejectable/unusable). The major data quality issues identified are described below.

Major Data Quality Issues				
Herbicides	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Herbicides Results Affected**
Percent difference between dual column results in excess of 200%	Precision	NC	366	24
Failed retention time criteria	Accuracy	3	3	0.19
Extremely low matrix spike/matrix spike duplicate recovery	Accuracy	3	4	0.26
Extremely low lab control sample recovery (<10%)	Accuracy	20	80	5.2

NC = Not calculated
*Some results had greater than one major quality issue; therefore, the total # of "R" qualified results is less than the total number of results affected.

Ten minor data quality issues were identified and are listed in the table below. Sample results affected by the minor data quality issues as outlined below were qualified as either "J" (estimated) with bias indicated where appropriate and/or "U" (not detected) as appropriate with the following exceptions. In the case of minor data quality issue *Difference between results obtained from two analytical columns in excess of validation criteria*, the affected sample results were qualified as either "J" (estimated), or "NJ" (tentatively identified), for percent differences greater than 25% but less than 90% between results obtained from the two analytical columns; or "U" (not detected) at the project quantitation limit (PQL) for percent differences greater than 90% between results obtained from the two analytical columns when both values were less than the PQL.

Minor Data Quality Issues				
Herbicides	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Herbicides Results Affected**
Non-compliant initial and continuing calibrations	Accuracy	38	56	3.6
Non-compliant laboratory control sample recovery	Accuracy	47	107	6.9
Non-compliant surrogate recoveries	Accuracy	147	503	33
Difference between results obtained from two analytical columns in excess of validation criteria	Precision	NC	562	36
Non-compliant matrix spike/matrix spike duplicate recovery	Accuracy	5	9	0.58
Field blank contamination	Accuracy	3	3	0.19
Method blank contamination	Accuracy	54	55	3.6
Non-compliant field duplicate precision	Precision	1	1	0.06
Exceeded holding times	Representativeness	2	5	0.32
Interferences observed (co-eluting signal)	Accuracy	3	3	0.19

NC = Not calculated

Polychlorinated dibenzo-*p*-dioxins and furans (PCDDs/PCDFs)

The Phase II RIWP sediment PCDD/PCDF data set is comprised of 385 samples with 6,545 associated results.

No major data quality issues were identified during validation of the Phase II RIWP sediment PCDDs/PCDFs analyses.

Six minor data quality issues were identified and are listed in the table below. Sample results associated with these minor data quality issues were qualified as "J" (estimated) with bias indicated where appropriate or "EMPC" (estimated maximum possible concentration), as appropriate.

Minor Data Quality Issues				
PCDDs/PCDFs	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of PCDDs/PCDFs Results Affected**
Non-compliant internal standard recovery	Accuracy	55	77	1.2
Non-compliant matrix spike/matrix spike duplicate recovery	Accuracy	6	8	0.12
Exceeded holding time	Representativeness	32	544	8.3
Method blank contamination	Accuracy	28	41	0.63
Non-compliant labeled analog standard recovery	Accuracy	4	4	0.06
Presence of a corresponding chlorinated diphenyl ether peak when a positive PCDF was identified	Representativeness	208	253	3.9

Metals

The Phase II RIWP sediment Metals data set is comprised of 385 samples with 9,240 associated results.

One major data quality issue was identified during validation of the Phase II RIWP sediment metals data that resulted in "R" qualification (rejected/unusable) of specific metals data. Sixty-nine samples were associated with an extremely poor matrix spike recovery (below 10% or above 200%).

Major Data Quality Issues				
Metals	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Metals Results Affected**
Extremely poor matrix spike recovery	Accuracy	69	69	0.75

Six minor data quality issues were identified and are listed in the table below. Sample results associated with these minor data quality issues were qualified as "J" (estimated) with bias indicated where appropriate and/or "U" (not detected), as appropriate.

Minor Data Quality Issues				
Metals	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Metals Results Affected**
Non-compliant ICP interference check sample	Accuracy	4	8	0.09
Serial dilution determination result outside validation acceptance range	Representativeness	286	1,286	14
Non-compliant matrix spike recovery	Accuracy	366	1,452	16
Poor laboratory duplicate precision	Precision	35	35	0.38
Method/Calibration/Instrument blank contamination	Accuracy	364	597	6.5
Non-compliant internal standard recovery	Accuracy	131	155	1.7

Cyanide

The Phase II RIWP sediment Cyanide data set is comprised of 385 samples with 385 associated results.

No major data quality issues were identified during validation of the Phase II RIWP sediment cyanide analyses.

Three minor data quality issues were identified and are listed in the table below. Sample results associated with these minor data quality issues were qualified as "J" (estimated) with bias indicated where appropriate and/or "U" (not detected), as appropriate.

Minor Data Quality Issues				
Cyanide	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Cyanide Results Affected**
Serial dilution determination result outside validation acceptance range	Representativeness	10	10	2.6
Non-compliant matrix spike recovery	Accuracy	182	182	47
Method/Calibration/Instrument blank contamination	Accuracy	11	53	14

2,4-Series Pesticides

The Phase II RIWP sediment 2,4-Series Pesticides data set is comprised of 385 samples with 1,155 associated results.

Two major data quality issues were identified during validation of the Phase II RIWP sediment 2,4-Series Pesticides analyses. First, several samples exhibited percent differences between results reported from dual column analyses in excess of 200%. Second, two sample results were based on chromatographic peaks which had shifted outside the established retention time window, and thereby did not meet identification criteria. The affected target analyte results were qualified as "R" (rejected/unusable).

Major Data Quality Issues				
2,4-Series Pesticides	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of 2,4-Series Pesticides Results Affected**
Percent difference between dual column results in excess of 200%	Precision	NC	27	2.3
Failed identification criteria	Accuracy	1	2	0.17

NC = Not calculated

Two minor data quality issues were identified and are listed in the table below. Sample results affected by the minor data quality issues as outlined below were qualified "J" (estimated) with bias indicated where appropriate and/or "U" (not detected) as appropriate with the following exceptions. In the case of minor data quality issue *Difference between results obtained from two analytical columns in excess of validation criteria*, the affected sample results were qualified as either "J" (estimated), or "NJ" (tentatively identified), for percent differences greater than 25% but less than 90% between results obtained from the two analytical columns; or "U" (not detected) at the project quantitation limit (PQL) for percent differences greater than 90% between results obtained from the two analytical columns when both values were less than the PQL.

Minor Data Quality Issues				
2.4-Series Pesticides	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of 2,4-Series Pesticides Results Affected**
Exceeded holding time	Representativeness	28	69	6.0
Difference between results obtained from two analytical columns in excess of validation criteria	Precision	NC	588	51

NC = Not calculated

TOC

The Phase II RIWP sediment TOC data set is comprised of 385 samples with 385 associated results.

No major data quality issues were identified during validation of the Phase II RIWP TOC analyses.

Two minor data quality issues were identified and are listed in the table below. Sample results affected by the minor data quality issues were qualified as "J" (estimated) with bias indicated where appropriate, and/or "U" (not detected) as appropriate.

Minor Data Quality Issues				
TOC	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of TOC Results Affected**
Non-compliant matrix spike recovery	Accuracy	1	1	0.26
Method blank contamination	Accuracy	3	3	0.78

Radiochemical

The Phase II RIWP sediment lead-210/cesium-137 (Pb-210/Cs-137) data set is comprised of 426 samples with 852 associated results.

No major data quality issues were identified during validation of the Phase II RIWP lead-210/cesium-137 analyses.

One minor data quality issue was identified for Pb-210 and is listed in the table below. The sample result affected by the minor data quality issue was qualified as "JL" (estimated potential low bias).

Minor Data Quality Issues				
Pb-210	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Pb-210 Results Affected**
Non-compliant matrix spike recovery	Accuracy	1	1	0.23

The Phase II RIWP sediment beryllium-7 (Be-7) data set is comprised of 64 samples with 64 associated results.

No major data quality issues were identified during validation of the Phase II RIWP beryllium-7 analyses.

One minor data quality issue was identified and is listed in the table below. The sample result affected was outside the holding time and was qualified as "J" (estimated).

Minor Data Quality Issues				
Be-7	**Data Quality Parameter Affected**	**Number of Samples Affected**	**Number of Results Affected**	**% of Be-7 Results Affected**
Exceeded holding time	Representativeness	1	1	1.6

2.4 Miscellaneous Data Qualification

Moisture Content

Moisture content greater than 50% is not uncommon for sediment samples. Per the Phase II RIWP, an "M" flag was applied during data validation when a sample was found to contain between 50% and 90% moisture and no other data quality issues were identified that required data qualification. Sixty percent of the total chemical sediment sample results which were analyzed on a wet weight basis had observed moisture content values observed to be between 50 and 90%. Therefore the data validation qualifier most frequently applied to the Phase II RIWP sediment data set was the "M" flag.

3. References

Tierra. 2007. Newark Bay Study Area Remedial Investigation Work Plan [Rev.2, Amendment 1] November.

Table 1
Data Validation Qualifiers

Qualifier	Description
J	Estimated value (bias undetermined) – The analyte was positively identified; but the associated numerical value is the approximate concentration of the analyte in the sample.
JH	Estimated value (potential high bias) – The analyte was positively identified; but the associated numerical value is the approximate concentration, with a potential high bias, of the analyte in the sample.
JL	Estimated value (potential low bias) – The analyte was positively identified; but the associated numerical value is the approximate concentration, with a potential low bias, of the analyte in the sample.
UJ	Estimated non-detect - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
UJL	Estimated non-detect (potential low bias) – The analyte was not detected and the report sample quantitation limit is biased low.
UJH	Estimated non-detect (potential high bias) – The analyte was not detected and the reported sample quantitation limit is biased high.
M	The analytical result reported was obtained from a sediment sample found to contain between 50 and 90 percent moisture and had no other data qualifiers added during the data validating process.
NJ	The organic analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
NJH	The organic analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration with a potential high bias, of the analyte concentration.
EMPC	Estimated Maximum Possible Concentration (EMPC).
R	The sample results are rejected. Due to a significant QA/QC problem, the analysis is invalid and provides no information as to whether the analyte is present or not.
U	Non-detect -The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

ATTACHMENT A

TIERRA SOLUTIONS, INC.

Transmitted Via Electronic Delivery & Federal Express Overnight Delivery

October 9, 2007

U.S. Environmental Protection Agency, Region II
Emergency and Remedial Response Division
290 Broadway, 19th Floor
New York, NY 10007-1866

Attention: Ms. Elizabeth Butler
Remedial Project Manager

Re: Administrative Order on Consent, U.S.E.P.A. Index No. CERLCA-02-2004-2010 for *Newark Bay Study Area – Phase II Remedial Investigation – Results of Performance Evaluation Sample Program*

Dear Ms. Butler:

Tierra Solutions, Inc. [funding and performing, on behalf of Occidental Chemical Corporation, the subject Administrative Order On Consent Newark Bay AOC] (Tierra) has completed the Newark Bay Study Area (NBSA) Phase II Remedial Investigation Work Plan (RIWP) Performance Evaluation (PE) sample program as outlined in the USEPA approved memorandum entitled SRM 2007 (see attached). The laboratory results reported for each of the PE sample studies as well as associated certified reference values, and acceptance criteria are enclosed.

Project specified laboratories, as approved by USEPA for use during the Phase II RI, participated in this evaluation program as indicated below.

Laboratory	PE Sample	Analytical Group
Vista Analytical Laboratory, Inc. El Dorado Hills, California	WMS-01	Dioxin/Furan
	EDF-5183	Dioxin/Furan
	NIST 1944	Congener PCBs
TestAmerica Analytical Testing Corp. South Burlington, Vermont	D055-727	Semivolatile Organics
	D059-728	Pesticides
	D056-540	Metals

10th Floor
Two Tower Center Blvd. East Brunswick, New Jersey 08816

As illustrated in the comparison tables attached and in accordance with acceptance criteria governing the applied PE samples, the laboratories have demonstrated their ability to proficiently analyze NBSA Phase II RI field samples.

If you have any questions regarding the enclosed material, please feel free to contact me at 732-246-3091.

Sincerely,

Tierra Solutions, Inc.

Paul J. Bluestein, P.E.
Facility Coordinator
On behalf of Occidental Chemical Corporation
(as successor to Diamond Shamrock Chemicals Company)

Attachments: Performance Evaluation Sample Results Comparison Tables
PE Certificates
SRM 2007 Memo dated 7-25-07

Copy to:

Janine MacGregor – NJDEP
Amelia Wagner, Attorney – Newark Bay Study Area – USEPA
Robert Romagnoli – ARCADIS BBL

Dioxin/Furan Performance Evaluation Sample Results
(Certified Known Concentrations)

Newark Bay Study Area
Phase II RIWP
Dioxin/Furan Performance Evaluation Sample Results
(Certified Known Concentrations)

Analyte	Vista Analytical Results ng/kg	WMS-01[1] Certified Reference Values[2] ng/kg	WMS-01[1] LAL[3] ng/kg	WMS-01[1] UAL[4] ng/kg	PASS or Out
2, 3, 7, 8- TCDD	19.3	17.7	12.1	23.3	PASS
1, 2, 3, 7, 8-PeCDD	8.39	7.96	5.16	10.76	PASS
1, 2, 3, 4, 7, 8-HxCDD	8.69	8.66	5.96	11.36	PASS
1, 2, 3, 6, 7, 8-HxCDD	22.7	20.8	16	25.6	PASS
1, 2, 3, 7, 8, 9-HxCDD	17.1	17.3	9.3	25.3	PASS
1, 2, 3, 4, 6, 7, 8-HpCDD	317	293	230	356	PASS
OCDD	2250	1899	1443	2355	PASS
2, 3, 7, 8-TCDF	60.2	52.5	36.5	68.5	PASS
1, 2, 3, 7, 8-PeCDF	15.8	12.6	7.6	17.6	PASS
2, 3, 4, 7, 8-PeCDF	17.4	18.5	12.40	24.6	PASS
1, 2, 3, 4, 7, 8-HxCDF	62.7	67.3	43.3	91.3	PASS
1, 2, 3, 6, 7, 8-HxCDF	20.7	20.3	11.6	29	PASS
2, 3, 4, 6, 7, 8-HxCDF	13.8	16	8	24	PASS
1, 2, 3, 4, 6, 7, 8-HpCDF	336	299	226	372	PASS
1, 2, 3, 4, 7, 8, 9-HpCDF	15.7	15.1	10.5	19.7	PASS
OCDF	612	509	352	666	PASS

[1] WMS-01 = Reference sediment provided by Wellington Laboratories

[2] Certified Reference Values used for this study are based on those provided on the Wellington Laboratories Certificate of Analysis Documentation

[3] LAL = Lower Acceptance Limit

[4] UAL = Upper Acceptance Limit

WELLINGTON LABORATORIES

Certificate of Analysis
DOCUMENTATION

WMS-01
Reference Sediment for Organic Contaminant Analysis

Chlorinated Dibenzo-p-dioxins (PCDDs) and Dibenzofurans (PCDFs)	*Certified Reference Value (pg/g)*	*Chlorinated Biphenyls* (PCBs)*	*Certified Reference Value (pg/g)*
2,3,7,8-Tetrachlorodibenzo-p-dioxin	17.7 ± 5.6	3,3',4,4'-Tetrachlorobiphenyl (77)	1717 ± 520
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	7.96 ± 2.8	3,4,4',5-Tetrachlorobiphenyl (81)[+]	75[+] ± 79
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	8.66 ± 2.7	2,3,3',4,4'-Pentachlorobiphenyl (105)	3998 ± 951
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	20.8 ± 4.8	2,3,4,4',5-Pentachlorobiphenyl (114)	207 ± 128
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	17.3 ± 8.0	2,3',4,4',5-Pentachlorobiphenyl (118)	8115 ± 1663
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	293 ± 63	2',3,4,4',5-Pentachlorobiphenyl (123)	209 ± 191
Octachlorodibenzo-p-dioxin	1899 ± 456	3,3',4,4',5-Pentachlorobiphenyl (126)	84.9 ± 35
2,3,7,8-Tetrachlorodibenzofuran	52.5 ± 16	2,3,3',4,4',5-Hexachlorobiphenyl (156)	715 ± 248
1,2,3,7,8-Pentachlorodibenzofuran	12.6 ± 5.0	2,3,3',4,4',5'-Hexachlorobiphenyl (157)	186 ± 81
2,3,4,7,8-Pentachlorodibenzofuran	18.5 ± 6.1	2,3',4,4',5,5'-Hexachlorobiphenyl (167)	330 ± 85
1,2,3,4,7,8-Hexachlorodibenzofuran	67.3 ± 24	3,3',4,4',5,5'-Hexachlorobiphenyl (169)	7.97 ± 5.3
1,2,3,6,7,8-Hexachlorodibenzofuran	20.3 ± 8.7	2,3,3',4,4',5,5'-Heptachlorobiphenyl (189)	85.2 ± 17.8
1,2,3,7,8,9-Hexachlorodibenzofuran[+]	2.68[+] ± 4.0		
2,3,4,6,7,8-Hexachlorodibenzofuran	16 ± 8.0		
1,2,3,4,6,7,8-Heptachlorodibenzofuran	299 ± 73		
1,2,3,4,7,8,9-Heptachlorodibenzofuran	15.1 ± 4.6		
Octachlorodibenzofuran	509 ± 157		
Total Tetrachlorodibenzo-p-dioxins	60.1 ± 25		
Total Pentachlorodibenzo-p-dioxins	69.5 ± 23		
Total Hexachlorodibenzo-p-dioxins	238 ± 86		
Total Heptachlorodibenzo-p-dioxins	608 ± 152		
Total Tetrachlorodibenzofurans	374 ± 162		
Total Pentachlorodibenzofurans	225 ± 113		
Total Hexachlorodibenzofurans	262 ± 95		
Total Heptachlorodibenzofurans	411 ± 100		

The certified reference values are from the data obtained in the interlaboratory study and represent the averages plus/minus two standard deviations.

* *IUPAC numbers in brackets.*

[+] *Provisional value for information purposes only. The concentrations of these analytes may be certified at a later date as more data becomes available.*

April 2001

Wellington Laboratories Inc., 345 Southgate Dr. Guelph, Ontario N1G 3M5 CANADA

WELLINGTON LABORATORIES INC.
Certified Reference Material

WMS-01 is a homogeneous lake sediment that is "naturally" contaminated and not fortified.

It is to be used to assess the performance of an analytical laboratory for the parameters listed.

Preparation

The crude, untreated sediment used to prepare WMS-01 was collected from Lake Ontario. The sediment obtained was subsequently air-dried, crushed to break up agglomerates, air-dried again and then sieved, milled and re-sieved (100% less than 75 µm).

The sediment was then subsampled into pre-cleaned, amber glass bottles, 25 g per bottle, and labeled.

Testing

Homogeneity
The first tests for homogeneity involved the analysis for metals by neutron activation. For this purpose, two splits from each of 22 bottles were analyzed. For the 18 elements used, there was no evidence of inhomogeneity.

To test for homogeneity for organic materials, 44 randomly selected samples were analyzed for Total Organic Carbon (TOC) by coulometry. As with the metals, the TOC showed that there was no evidence of inhomogeneity.

In addition, PAH data obtained in 1991 through an interlaboratory study, also indicated that the sediment was very homogeneous.

Interlaboratory Certification
In the fall of 1999, an international interlaboratory study was conducted to obtain consensus values for chlorinated dibenzo-p-dioxins (PCDDs), dibenzofurans (PCDFs) and "dioxin-like" chlorinated biphenyls (PCBs). In this study, thirty-seven laboratories from 17 countries participated[1].

The results obtained from this study were used to assign the certified reference values.

Certain data are provisional and are provided for information purposes only. As more analyses are performed, these may be updated and certified values assigned.

Storage and Handling

WMS-01 is for laboratory use only and should be handled by personnel trained in the processing of potentially hazardous materials. The absence of a warning on any of our products must not be interpreted as an indication that there is no possible health hazard.

When not in use, it should be stored in a well-sealed container in the dark at 4°C. The recommended minimum sample size is 1.0 gram.

Expiry Date

In the unopened bottle, the current expiry date for WMS-01 is **12/01/2008**.

Wellington will regularly reanalyze random subsamples of this sediment to determine if there has been any loss or degradation of the target analytes.

Warranty

At the time of shipment, this product is warranted to conform to the analytical specifications as given. Wellington makes no other warranty, expressed or implied, pertaining to the suitability of this product for any specific application.

Wellington Laboratories Inc.
345 Southgate Dr.
Guelph, Ontario N1G 3M5 CANADA

Telephone: 1-519-822-2436
Toll-free: 1-800-578-6985
FAX: 1-519-822-2849
E-mail: info@well-labs.com
Internet: www.well-labs.com

[1] S. Selliah, S. Cussion, E.J. Reiner, K.A. MacPherson, T.M. Kolic, D. Toner and B. Chittim, *"A Reference Material for Routine Performance Monitoring of Methods Measuring Dioxin-Like Compounds in Solid Matrices"*; Organohalogen Compounds, 45, 156, (2000).

Dioxin/Furan Performance Evaluation Sample Results
(Certified Low Concentrations)

Newark Bay Study Area
Phase II RIWP
Dioxin/Furan Performance Evaluation Sample Results
(Certified Low Concentrations)

Analyte	Vista Analytical Results ng/kg	Cambridge Isotope Laboratories[1] EDF-5183 Certified Reference Values[2] ng/kg	Cambridge Isotope Laboratories[1] EDF-5183 LAL[3] ng/kg	Cambridge Isotope Laboratories[1] EDF-5183 UAL[4] ng/kg	PASS or OUT
2, 3, 7, 8- TCDD	ND 0.134	0.11	-0.03	0.25	PASS
1, 2, 3, 7, 8-PeCDD	0.371	0.39	0.07	0.71	PASS
1, 2, 3, 4, 7, 8-HxCDD	1.06	1.12	0.6	1.64	PASS
1, 2, 3, 6, 7, 8-HxCDD	3.96	4.39	3.51	5.27	PASS
1, 2, 3, 7, 8, 9-HxCDD	1.91	2.00	0.8	3.2	PASS
1, 2, 3, 4, 6, 7, 8-HpCDD	165	153	95.8	210.2	PASS
OCDD	8400	7870	6220	9520	PASS
2, 3, 7, 8-TCDF	0.646	0.70	0.36	1.04	PASS
1, 2, 3, 7, 8-PeCDF	ND 0.358	0.23	0.01	0.45	PASS
2, 3, 4, 7, 8-PeCDF	ND 0.396	0.34	0.2	0.48	PASS
1, 2, 3, 4, 7, 8-HxCDF	0.714	0.86	0.42	1.3	PASS
1, 2, 3, 6, 7, 8-HxCDF	0.456	0.58	0.32	0.84	PASS
2, 3, 4, 6, 7, 8-HxCDF	ND 0.485	0.72	-0.2	1.64	PASS
1, 2, 3, 7, 8, 9-HxCDF	ND 0.612	0.12	-0.04	0.28	PASS
1, 2, 3, 4, 6, 7, 8-HpCDF	14.5	13.9	10.22	17.58	PASS
1, 2, 3, 4, 7, 8, 9-HpCDF	1.12	1.25	0.63	1.87	PASS
OCDF	71.5	58.2	25.8	90.6	PASS

[1] EDF-5183 = Reference sediment provided by Cambridge Isotope Laboratories

[2] Certified Reference Values used for this study are based on those provided on the Cambridge Isotope Laboratories Certificate of Analysis Documentation.

[3] LAL = Lower Acceptance Limit

[4] UAL = Upper Acceptance Limit

Cerilliant

CIL

Revision 3

Certificate of Analysis

Clean Soil Reference Material 2003

Catalog Number:	EDF-5183
Lot Number:	ER051603-01
Expiration Date:	August 2016
Matrix:	Soil
Amount per Vial:	10 g
Storage and Handling:	This product contains trace amounts of dioxins, furans, PCBs, BFRs, PAHs, and pesticides. It should be handled according to OSHA guidelines for hazardous material. Freezer. Protect from light.
Intended Use:	For laboratory use only. This product is a sample of homogeneous soil matrix taken from an area where no known chemical contamination has occurred. This sample is intended for use in evaluating the performance of an analytical laboratory for the listed analytes.
Preparation:	"Clean" soil was obtained from a location in Texas which was expected to contain minimal contamination. The soil was sieved to achieve uniform particle size and homogenized to within 5% using a disodium fluorescein indicator. Samples were then sterilized three times for two hours at 121°C and 15 psi.
Interlaboratory Analysis:	This product was included in the Second Round of International Interlaboratory Study conducted by Cambridge Isotope Laboratories and Cerilliant Corporation. Participating laboratories used a variety of sample preparation and analytical techniques. The results listed below supersede those obtained in the First Round of Interlaboratory Study. This Second Round of Interlaboratory Study adds consensus values for one new dioxin, seventeen new PCBs, ten BDEs, and two new PAHs.
Interlaboratory Results:	Results of the international interlaboratory study are attached. Consensus values were independently assigned by the Quasimeme Group (UK) using the Cofino model of statistical analysis. These numbers are certified reference values. All values are presented at three significant figures. Analytes with fewer than five laboratories contributing acceptable data do not have assigned values reported in this study.

Cerilliant certifies that this standard meets or exceeds the specifications stated in this data sheet.

Authorized Signature: Lara Sparks

Lara Sparks, Quality Assurance Director

December 5, 2006

Date

Cerilliant Corporation 811 Paloma Drive, Suite A, Round Rock, TX 78664 800-848-7837 / 512-238-9974

Interlaboratory Participants:

Alta Analytical Laboratory, USA
CARSO, France
CEAEQ, Canada
Chinese Center for Disease Control and Prevention, China
Clean Harbors Environmental Services, USA
Columbia Analytical Services, Inc., USA
East Bay Municipal Utility District, USA
GfA (Gesellschaft für Arbeitsplatz und Umweltanalytik) mbH, Germany
Hong Kong Baptist University, Hong Kong
Labo Van Vooren, Belgium
Maxxam Analytics, Inc., Ontario Canada
Maxxam Analytics, Inc., British Columbia Canada
Military Institute of Chemistry and Radiometry, Poland
Nab Labs Ympäristöanalytiikka Oy, Finland
National Central University, Taiwan
Oekometric GmbH, Germany
Pace Analytical Services, Inc., USA
Severn Trent Laboratories, CA USA
Severn Trent Laboratories, TN USA
SGS Institut Fresenius GmbH Bayreuth, Germany
Sun Dreams Environmental Technology Corp., Taiwan
Xiamen University, China

Interlaboratory Results:

Compound	*Assigned[1] Value (ng/kg)*	*Standard Deviation*	*Reference[2] Value (ng/kg)*	*(n)[3]*
Polychlorinated dioxins and furans				
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.11	0.07	0.11 ± 0.14	18
Total Tetrachlorodibenzo-p-dioxin	0.32	0.44	0.32 ± 0.88	8
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.39	0.16	0.39 ± 0.32	18
Total Pentachlorodibenzo-p-dioxin	2.96	1.20	2.96 ± 2.40	10
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.12	0.26	1.12 ± 0.52	18
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	4.39	0.44	4.39 ± 0.88	18
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.00	0.60	2.00 ± 1.20	18
Total Hexachlorodibenzo-p-dioxin	50.9	11.4	50.9 ± 22.8	10
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	153	28.6	153 ± 57.2	18
Total Heptachlorodibenzo-p-dioxin	492	123	492 ± 246	10
Octachlorodibenzo-p-dioxin	7,870	825	7,870 ± 1,650	18
2,3,7,8-Tetrachlorodibenzofuran	0.70	0.17	0.70 ± 0.34	18
Total Tetrachlorodibenzofuran	3.21	1.06	3.21 ± 2.12	10
1,2,3,7,8-Pentachlorodibenzofuran	0.23	0.11	0.23 ± 0.22	18
2,3,4,7,8-Pentachlorodibenzofuran	0.34	0.07	0.34 ± 0.14	18
Total Pentachlorodibenzofuran	3.31	2.87	3.31 ± 5.74	10
1,2,3,4,7,8-Hexachlorodibenzofuran	0.86	0.22	0.86 ± 0.44	18
1,2,3,6,7,8-Hexachlorodibenzofuran	0.58	0.13	0.58 ± 0.26	18
1,2,3,7,8,9-Hexachlorodibenzofuran	0.12	0.08	0.12 ± 0.16	17
2,3,4,6,7,8-Hexachlorodibenzofuran	0.72	0.48	0.72 ± 0.92	18
Total Hexachlorodibenzofuran	15.6	6.35	15.6 ± 12.7	10
1,2,3,4,6,7,8-Heptachlorodibenzofuran	13.9	1.84	13.9 ± 3.68	18
1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.25	0.31	1.25 ± 0.62	18
Total Heptachlorodibenzofuran	54.0	7.98	54.0 ± 16.0	10
Octachlorodibenzofuran	58.2	16.2	58.2 ± 32.4	18

Semivolatile Performance Evaluation Sample Results

Newark Bay Study Area
Phase II RIWP
Semivolatile Organics Performance Evaluation Sample Results

Analyte	Test America Results ug/kg	ERA[1] Lot D055-727 Certified Reference Values[2] ug/kg	ERA[1] Lot D055-727 LAL[3]	ERA[1] Lot D055-727 UAL[4]	PASS or OUT
acenaphthene	5100	6550	2750	6960	PASS
acenaphthylene	4000	5470	1860	5470	PASS
anthracene	5300	7510	2900	7510	PASS
benzo(a)anthracene	2100	2840	1400	3150	PASS
benzo(b)fluoranthene	170U	< 500	----	----	PASS
benzo(k)fluoranthene	1700	2970	1350	3570	PASS
benzo(g,h,i)perylene	900	951	411	1130	PASS
benzo(a)pyrene	5100	7130	2670	7130	PASS
4-bromophenyl-phenylether	170U	< 500	----	----	PASS
butylbenzylphthalate	3900	4940	2170	6010	PASS
carbazole	170U	< 500	----	----	PASS
4-chloroaniline	170U	< 500	----	----	PASS
bis(2-chloroethoxy)methane	890	1270	447	1380	PASS
bis(2-chloroethyl)ether	4100	5860	1280	5860	PASS
2,2'-oxybis(1-chloropropane)	3200	4730	1380	5230	PASS
2-chloronaphthalene	170U	< 500	----	----	PASS
4-chlorophenyl-phenylether	6000	7140	3120	8180	PASS
chrysene	2600	3430	1670	4070	PASS
dibenzo(a,h)anthracene	2600	3580	1560	4250	PASS
dibenzofuran	170U	< 500	----	----	PASS
di-n-butylphthalate	8300	10300	4260	12400	PASS
3,3'-dichlorobenzidine	170U	< 500	----	----	PASS
diethylphthalate	170U	< 500	----	----	PASS
dimethylphthalate	6200	7770	3220	8430	PASS
2,4-dinitrotoluene	2600	3580	1200	3920	PASS
2,6-dinitrotoluene	170U	< 500	----	----	PASS
di-n-ocytlphthalate	170U	< 500	----	----	PASS
bis(2-ethylhexyl)phthalate	170U	< 500	----	----	PASS
fluoranthene	1100	1530	730	1740	PASS
fluorene	1500	2020	915	2220	PASS
hexachlorobenzene	2300	3090	1410	3500	PASS
hexachlorobutadiene	2800	4010	1140	4060	PASS
hexachlorocyclopentadiene	170U	< 500	----	----	PASS
hexachloroethane	1800	3180	633	3180	PASS
indeno(1,2,3-cd)pyrene	170U	< 500	----	----	PASS
isophorone	19G	< 500	----	----	PASS
2-methylnaphthalene	170U	< 500	----	----	PASS
naphthalene	5200	7460	2480	7640	PASS
2-nitroaniline	330U	< 500	----	----	PASS
3-nitroaniline	330U	< 500	----	----	PASS
4-nitroaniline	330U	< 500	----	----	PASS
nitrobenzene	170U	< 500	----	----	PASS
n-nitrosodiphenylamine	170U	< 500	----	----	PASS

Newark Bay Study Area
Phase II RIWP
Semivolatile Organics Performance Evaluation Sample Results

Analyte	Test America Results ug/kg	ERA[1] Lot D055-727 Certified Reference Values[2] ug/kg	ERA[1] Lot D055-727 LAL[3]	ERA[1] Lot D055 727 UAL[4]	PASS or OUT
n-nitroso-di-n-propylamine	170U	< 500	----	----	PASS
phenanthrene	3100	4110	2080	4800	PASS
pyrene	170U	< 500	----	----	PASS
1,2,4,5-tetrachlorobenzene	170U	< 500	----	----	PASS
4-chloro-3-methylphenol	660	1320	423	1320	PASS
2-chlorophenol	2800	5050	1230	5050	PASS
2,4-dichlorophenol	4500	8070	2040	8070	PASS
2,4-dimethylphenol	170U	< 500	----	----	PASS
4,6-dinitro-2-methylphenol	330U	< 500	----	----	PASS
2,4-dinitrophenol	330U	< 500	----	----	PASS
2-methylphenol	170U	< 500	----	----	PASS
3 & 4-methylphenol	170U	< 500	----	----	PASS
2-nitrophenol	2400	3850	991	3850	PASS
4-nitrophenol	1200	2560	276	2670	PASS
pentachlorophenol	330U	< 500	----	----	PASS
phenol	2000	3640	894	3640	PASS
2,3,4,6-tetrachlorophenol	170U	< 500	----	----	PASS
2,4,5-trichlorophenol	3100	5700	1440	5700	PASS
2,4,6-trichlorophenol	1100	2010	564	2010	PASS

Note: Bis(2-Chloroisopropyl) ether is also 2,2'-oxybis(1-chloropropane)

[1] ERA = Environmental Resource Associates

[2] Certified Reference Values used for this study are based on those provided on the ERA certification. Associated acceptance limits were chosen from the certification "QC Performance Acceptance Limits" as they represent an approximation of the 95% confidence interval of the performance that experienced laboratories should achieve using acceptable environmental methods. This acceptance criteria is consistent with that provided for in the SRM 2007, July 25, 2007 memo outlining the implementation of this project specific performance evaluation sample program.

[3] LAL = Lower Acceptance Limit

[4] UAL = Upper Acceptance Limit

DataPacK™

PriorityPollutnT™ Base/Neutrals & Acids in Soil

Lot No. D055-727

Catalog No. 727

Certification

Parameter	Certified Value	QC Performance Acceptance Limits™	PT Performance Acceptance Limits™
BASE/NEUTRALS	µg/Kg	µg/Kg	µg/Kg
Acenaphthene	6550	2760 - 6960	1530 - 7630
Acenaphthylene	5470	1860 - 5470	1320 - 6220
2-Amino-1-methlybenzene (o-Toluidine)	< 500	-	-
Aniline	< 500	-	-
Anthracene	7510	2900 - 7510	2120 - 8960
Benzidine	< 500	-	-
Benzo(a)anthracene	2840	1400 - 3150	1070 - 3410
Benzo(b)fluoranthene	< 500	-	-
Benzo(k)fluoranthene	2970	1350 - 3570	919 - 3900
Benzo(g,h,i)perylene	951	411 - 1130	219 - 1170
Benzo(a)pyrene	7130	2870 - 7130	2420 - 8480
Benzyl alcohol	< 500	-	-
4-Bromophenyl-phenylether	< 500	-	-
Butylbenzylphthalate	4940	2170 - 6010	1350 - 6470
Carbazole	< 500	-	-
4-Chloroaniline	< 500	-	-
bis(2-Chloroethoxy)methane	1270	447 - 1380	237 - 1490
bis(2-Chloroethyl)ether	5860	1280 - 5860	510 - 6630
bis(2-Chloroisopropyl)ether	4730	1380 - 5230	529 - 5190
1-Chloronaphthalene	< 500	-	-
2-Chloronaphthalene	< 500	-	-
4-Chlorophenyl-phenylether	7140	3120 - 8180	1680 - 9300
Chrysene	3430	1670 - 4070	1240 - 4260
Dibenz(a,h)anthracene	3580	1560 - 4250	816 - 4460
Dibenzofuran	< 500	-	-
Di-n-butylphthalate	10300	4260 - 12400	1660 - 13600
1,2-Dichlorobenzene	10200	2370 - 10200	0.00 - 11400
1,3-Dichlorobenzene	4730	1210 - 4730	0.00 - 5220
1,4-Dichlorobenzene	11600	2330 - 11600	0.00 - 12500
3,3'-Dichlorobenzidine	< 500	-	-
Diethylphthalate	< 500	-	-
Dimethylphthalate	7770	3220 - 8430	2030 - 9170
2,4-Dinitrotoluene	3580	1200 - 3920	905 - 4360
2,6-Dinitrotoluene	< 500	-	-
Di-n-octylphthalate	< 500	-	-
bis(2-Ethylhexyl)phthalate	< 500	-	-
Fluoranthene	1530	730 - 1740	529 - 1890
Fluorene	2020	915 - 2220	585 - 2420
Hexachlorobenzene	3090	1410 - 3500	1110 - 3650
Hexachlorobutadiene	4010	1140 - 4060	395 - 4510
Hexachlorocyclopentadiene	< 500	-	-
Hexachloroethane	3180	633 - 3180	0.00 - 3420
Indeno(1,2,3-cd)pyrene	< 500	-	-
Isophorone	< 500	-	-
2-Methylnaphthalene	< 500	-	-
Naphthalene	7460	2480 - 7640	850 - 8170
2-Nitroaniline	< 500	-	-
3-Nitroaniline	< 500	-	-
4-Nitroaniline	< 500	-	-
Nitrobenzene	< 500	-	-
N-Nitrosodiethylamine	< 500	-	-
N-Nitrosodimethylamine	8660	1350 - 9140	660 - 9540
N-Nitrosodiphenylamine	< 500	-	-
N-Nitroso-di-n-propylamine	< 500	-	-
Pentachlorbenzene	< 500	-	-
Phenanthrene	4110	2080 - 4800	1240 - 4980
Pyrene	< 500	-	-
Pyridine	< 500	-	-
1,2,4,5-Tetrachlorbenzene	< 500	-	-
1,2,4-Trichlorobenzene	2890	890 - 2900	303 - 3300

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Environmental Data Services
Sample ID # 0815-07-05.1

DataPacK™

PriorityPollutnT™ Base/Neutrals & Acids in Soil

Lot No. D055-727

Catalog No. 727

Certification

Parameter	Certified Value	QC Performance Acceptance Limits™	PT Performance Acceptance Limits™
ACIDS	µg/Kg	µg/Kg	µg/Kg
Benzoic acid	< 500	-	-
4-Chloro-3-methylphenol	1320	423 - 1320	305 - 1430
2-Chlorophenol	5050	1230 - 5050	747 - 5070
2,4-Dichlorophenol	8070	2040 - 8070	1500 - 8340
2,6-Dichlorophenol	< 500	-	-
2,4-Dimethylphenol	< 500	-	-
4,6-Dinitro-2-methylphenol	< 500	-	-
2,4-Dinitrophenol	< 500	-	-
2-Methylphenol	< 500	-	-
3 & 4-Methylphenol	< 500	-	-
2-Nitrophenol	3850	991 - 3850	347 - 4310
4-Nitrophenol	2660	276 - 2670	0.00 - 3130
Pentachlorophenol	< 500	-	-
Phenol	3640	894 - 3640	528 - 3850
2,3,4,6-Tetrachlorphenol	< 500	-	-
2,4,5-Trichlorophenol	5700	1440 - 5700	1100 - 6280
2,4,6-Trichlorophenol	2010	564 - 2010	387 - 2250

continued on next sheet

The Certified Values are the actual 'made-to' concentrations confirmed by ERA analytical verification.

The QC Performance Acceptance Limits (QC PALs™) are based on actual historical data collected in ERA's Proficiency Testing program. The **QC PALs™** reflect any inherent biases in the methods used to establish the limits and closely approximate a 95% confidence interval of the performance that experienced laboratories should achieve using accepted environmental methods. Use the **QC PALs™** to realistically evaluate your performance against your peers.

The PT Performance Acceptance Limits (PT PALs™) are calculated using the regression equations and fixed acceptance criteria specified in the USEPA National Standards Criteria Document and/or the NELAC proficiency testing requirements. Use the **PT PALs™** when analyzing this QC standard alongside USEPA and NELAC compliant PT standards. Please note that many PT study acceptance limits are concentration dependent (some non-linearly) and, therefore, the acceptance limits of this QC standard and any PT standard may differ relative to their difference in concentrations.

Please call ERA at 1-800-372-0122 if you have any questions or need technical assistance.

6000 West 54th Ave., Arvada, CO 80002 1-800-372-0122 fax 303-421-0159 info@eraqc.com www.eraqc.com

Newark Bay Study Area
Phase II RIWP
Pesticides Performance Evaluation Sample Results

	Test America Results ug/kg	ERA[1] Lot D059-728 Certified Reference Values[2] ug/kg	ERA[1] Lot D059-728 LAL[3] ug/kg	ERA[1] Lot D059-728 UAL[4] ug/kg	PASS or OUT
aldrin	270	283	134	342	PASS
alpha-BHC	160	180	75.4	220	PASS
beta-BHC	370	402	137	490	PASS
delta-BHC	380	382	155	458	PASS
gamma-BHC (Lindane)	310	350	144	434	PASS
alpha-Chlordane	230	242	112	286	PASS
gamma-Chlordane	400	412	188	474	PASS
4,4'-DDD	470	476	227	609	PASS
4,4'-DDE	410	390	191	484	PASS
4,4'-DDT	160	186	77	240	PASS
dieldrin	310	324	156	399	PASS
endrin	160	153	77.1	200	PASS
endrin aldehyde	280	354	77.2	365	PASS
endrin ketone	320	355	147	433	PASS
endosulfan I	270	426	155	447	PASS
endosulfan II	230	306	110	309	PASS
endosulfan sulfate	440	438	173	556	PASS
heptachlor	290	310	138	375	PASS
heptachlor expoxide	92	96.5	47.2	120	PASS
methoxychlor	190	179	56	249	PASS

[1] ERA = Environmental Resource Associates

[2] Certified Reference Values used for this study are based on information provided by ERA in advance of publication of the typical "ERA certification" documentation (see attached). The material used for this study was recently prepared and the associated official "ERA certificate" is not currently available. Acceptance criteria are set at the 95% confidence interval of the performance that experienced laboratories should achieve using acceptable environmental methods (i.e., Historical Data ± 2SD). This acceptance criteria is consistent with that provided for in the SRM 2007, July 25, 2007 memo outlining the implementation of this project specific performance evaluation sample program.

[3] LAL = Lower Acceptance Limit

[4] UAL = Upper Acceptance Limit

Pesticides ERA Provided Reference Values

Analyte Name	AssignedValue µg/kg	Soil 59 Mean ± 2SD[1] µg/kg	Soil 59 Regression Eqn ±2SD[2] µg/kg	ERA Historical Data ±2SD[3] µg/kg
Aldrin	283	131 - 291	122 - 300	134 - 342
alpha-BHC	180	72.9 - 182	70.1 - 185	75.4 - 220
beta-BHC	402	177 - 426	151 - 451	137 - 490
delta-BHC	382	170 - 412	157 - 424	155 - 458
gamma-BHC(Lindane)	350	138 - 362	140 - 359	144 - 434
alpha-Chlordane	242	124 - 253	113 - 264	112 - 286
gamma-Chlordane	412	206 - 425	209 - 422	188 - 474
4,4'-DDD	476	233 - 528	235 - 526	227 - 609
4,4'-DDE	390	208 - 432	195 - 445	191 - 484
4,4'-DDT	186	88.5 - 206	75.8 - 218	77.0 - 240
Dieldrin	324	158 - 330	150 - 339	156 - 399
Endrin	153	73.6 - 179	70.2 - 183	77.1 - 200
Endrin aldehyde	354	88.7 - 297	108 - 278	77.2 - 365
Endrin ketone	355	155 - 371	134 - 392	147 - 433
Endosulfan I	426	89.9 - 426	123 - 426	155 - 447
Endosulfan II	306	67.8 - 306	59.6 - 306	110 - 309
Endosulfan sulfate	438	182 - 470	178 - 474	173 - 556
Heptachlor	310	135 - 342	137 - 340	138 - 375
Heptachlor epoxide	96.5	47.3 - 103	44.1 - 107	47.2 - 120
Methoxychlor	179	85.9 - 216	57.4 - 245	56.0 - 249

The upper acceptance limit of plus 2 standard deviations is less than the assigned value, therefore the upper acceptance limit is replaced with the assigned value.

1. Direct calculation of Soil 59 Biweight Mean ±2* Biweight SD
2. ±2SD using NELAC FoPT regression equation
3. ±2SD using ERA's Historical data.

Newark Bay Study Area
Phase II RIWP
Metals Performance Evaluation Sample Results

Analyte	Test America Results mg/kg	ERA[1] Lot D056-540 Certified Reference Values[2] mg/kg	ERA[1] Lot D056-540 LAL[3] mg/kg	ERA[1] Lot D056-540 UAL[4] mg/kg	PASS or Out
aluminum	8310	10400	6370	14400	PASS
antimony	101	127	DL	267	PASS
arsenic	258	280	226	333	PASS
barium	447	520	430	609	PASS
beryllium	46.8	51.0	42.4	59.6	PASS
cadmium	162	182	149	215	PASS
calcium	6550	7310	5900	8720	PASS
chromium	130	142	115	170	PASS
cobalt	100	110	90.4	130	PASS
copper	121	132	110	155	PASS
iron	14500	16600	9490	23700	PASS
lead	62.9	72.2	59.1	85.4	PASS
magnesium	2370	2800	2190	3410	PASS
manganese	290	331	270	392	PASS
mercury	9.3	8.48	5.60	11.2	PASS
nickel	137	155	128	182	PASS
potassium	2560	2980	2190	3780	PASS
selenium	143	165	128	203	PASS
silver	115	126	83.7	169	PASS
sodium	1120	1320	845	1800	PASS
thallium	159	184	142	225	PASS
titanium	376	484	206	762	PASS
vanadium	171	186	144	229	PASS
zinc	306	346	273	418	PASS

[1] ERA = Environmental Resource Associates

[2] Certified Reference Values used for this study are based on those provided on the ERA certification for samples digested using HN03, H202 and HCL. These reference values were selected since these solutions were used to digest the PE sample analyzed during this study. Further all future field samples collected during NBSA Phase II RIWP implementation will be prepared in this manner per USEPA CLP ILM06.X.

[3] LAL = Lower Acceptance Limit

[4] UAL = Upper Acceptance Limit

DataPacK™

Lot No. D056-540

Environmental Data Services
Sample ID # 0720-07-02.1

Trace Metals in Soil

Catalog No. 540

Certification

Method 3050 HNO3, H2O2, HCl Parameter	Total Concentration [1] (mg/Kg)	Certified Value [2] (mg/Kg)	Performance Acceptance Limits™ [3] (mg/Kg)
aluminum	56000*	10400	8370 - 14400
antimony	258	127	D.L. - 267
arsenic	319	280	226 - 333
barium	1120	520	430 - 609
beryllium	55.5	51.0	42.4 - 59.6
boron	115	94.8	61.0 - 129
cadmium	206	182	149 - 215
calcium	10100*	7310	5900 - 8720
chromium	155	142	115 - 170
cobalt	122	110	90.4 - 130
copper	140	132	110 - 155
iron	24400*	16600	9490 - 23700
lead	82.5	72.2	59.1 - 85.4
magnesium	3990*	2800	2190 - 3410
manganese	514	331	270 - 392
mercury	8.93	8.48	5.60 - 11.2
molybdenum	91.4	80.9	64.6 - 97.2
nickel	173	155	128 - 182
potassium	33200*	2980	2190 - 3780
selenium	167	165	128 - 203
silver	139	126	83.7 - 169
sodium	15800*	1320	845 - 1800
strontium	350	137	110 - 164
thallium	203	184	142 - 225
tin	174	153	107 - 199
titanium	3270*	484	206 - 762
vanadium	207	186	144 - 229
zinc	382	346	273 - 418

Method 3050 HNO3, H2O2 Parameter	Total Concentration [1] mg/Kg	Certified Value [2] mg/Kg	Performance Acceptance Limits™ [3] mg/Kg
aluminum	56000*	9600	5780 - 13400
antimony	258	86.9	D.L. - 229
arsenic	319	264	210 - 319
barium	1120	536	436 - 635
beryllium	55.5	51.3	40.8 - 61.7
boron	115	92.0	60.6 - 123
cadmium	206	191	155 - 227
calcium	10100*	7180	5790 - 8570
chromium	155	139	111 - 166
cobalt	122	110	89.3 - 131
copper	140	126	104 - 148
iron	24400*	14900	8650 - 21200
lead	82.5	74.1	60.4 - 87.8
magnesium	3990*	2760	2100 - 3410
manganese	514	331	268 - 394
mercury	8.93	8.48	5.60 - 11.2
molybdenum	91.4	79.2	60.7 - 97.8
nickel	173	151	125 - 177
potassium	33200*	3010	2290 - 3730
selenium	167	162	124 - 200
silver	139	124	57.6 - 190
sodium	15800*	1330	933 - 1730
strontium	350	140	112 - 168
thallium	203	197	154 - 240
tin	174	158	75.6 - 241
titanium	3270*	455	172 - 737
vanadium	207	181	140 - 223
zinc	382	342	277 - 407

D.L. = detection limit

(1) **Total Concentrations** are equal to the background concentrations in the soil matrix (measured using neutron activation, XRF and total digestion techniques) plus the amount of each analyte spiked onto the soil. For Trace Metals, the values listed are only "theoretical values" based upon using the methodologies listed.

(2) **Certified Values** are equal to the mean recoveries for each parameter as determined in an interlaboratory round robin study using the digestions and analytical techniques listed. Mercury results were obtained using Cold Vapor Atomic Absorption, Atomic Fluorescence and ICP-MS methodologies. All certified values are based on an "as received" basis, assuming a 100% solids content.

(3) **The Performance Acceptance Limits (PALs™)** are listed as guidelines for acceptable analytical results given the limitations of the USEPA methodologies commonly used to determine these parameters and closely approximate the 95% confidence interval. The PALs™ are based on data generated by your peer laboratories in ERA's Interlab™ programs. If your result falls outside of the PALs™, ERA recommends that you investigate potential sources of error in your preparation and/or analytical procedures. For further technical assistance, call ERA at 1-800-372-0122.

(4) **This standard expires 7/2009.** The expiration date was determined using an ERA procedure based on ASTM standard practice D 4841-88. The expiration date is valid when the ERA standards have been stored following the directions provided in the ERA instructions that accompany this product.

* These parameters are native matrix elements and are present at high concentrations in the unspiked soil. As methods 3050 and 3051 do not normally dissolve elements bound in silicate structures, the recoveries of these elements will be low relative to the recoveries of the elements that are primarily spiked onto the soil.

NOTE: For laboratories that use internal standards in their analysis procedures, the following elements have been measured in this standard at the listed concentrations. (Note: these concentrations are for informational use only and do not represent "Certified Values". Ce - 61.5 mg/Kg; La - 35.5 mg/Kg; Y - 11.4 mg/Kg.)

Congener PCB Performance Evaluation Sample Results

Newark Bay Study Area
Phase II RIWP
Congener PCB Performance Evaluation Sample Results

Analyte	Vista Analytical Results ng/kg	NIST 1944[1] Certified Reference Values[2] ng/kg	NIST 1944[1] LAL[3] ng/kg	NIST 1944[1] UAL[4] ng/kg	PASS or OUT +/- 30%	%R
PCB-18	52600	51000	35700	66300	PASS	103.1
PCB-28	100000	80800	56560	105040	PASS	123.8
PCB-31	104000	78700	55090	102310	OUT[5]	132.1
PCB-44	71600	60200	42140	78260	PASS	118.9
PCB-99	32100	37500	26250	48750	PASS	85.6
PCB-101/90	64100	73400	51380	95420	PASS	87.3
PCB-105	23400	24500	17150	31850	PASS	95.5
PCB-110	69600	63500	44450	82550	PASS	109.6
PCB-138/163/164	51700	62100	43470	80730	PASS	83.3
PCB-151	14100	16900	11830	21970	PASS	83.4
PCB-153	60600	74000	51800	96200	PASS	81.9
PCB-156	5970	6520	4564	8476	PASS	91.6
PCB-180	38400	44300	31010	57590	PASS	86.7
PCB-183	11300	12200	8540	15860	PASS	92.6
PCB-194	10900	11200	7840	14560	PASS	97.3
PCB-195	4410	3750	2625	4875	PASS	117.6
PCB-206	8000	9210	6447	11973	PASS	86.9
PCB-209	6370	6810	4767	8853	PASS	93.5

[1] NIST - National Institute of Standards and Technology

[2] Certified Reference Values are provided based on the NIST Certificate of Analysis. However, the specific compounds evaluated in this study are those provided for in the SRM 2007 memo dated July 25, 2007. Note, acceptance criteria used to evaluate this study are also provided for in the SRM 2007 memo. Acceptance criteria have been defined as follows:

- Acceptance ranges will be +/- 30% of the certified reference value listed in the table above.

- Up to three of the eighteen Congener PCBs listed above may have laboratory results fall outside the established acceptance range during implementation of this PE program so long as no individual result reported exceeds a limit of +/- 50% of the certified reference value.

[3] LAL = Lower Acceptance Limit

[4] UAL = Upper Acceptance Limit

[5] Per the acceptance criteria listed in footnote number 2 above, the reported result is greater than 30% of the certified reference value. However, it does not differ by more than 50%. Therefore, the overall study is acceptable even though this particular value does not fall within the +/- 30% acceptance window.

National Institute of Standards & Technology

Certificate of Analysis

Standard Reference Material® 1944

New York/New Jersey Waterway Sediment

Standard Reference Material (SRM) 1944 is a mixture of marine sediment collected near urban areas in New York and New Jersey. SRM 1944 is intended for use in evaluating analytical methods for the determination of selected polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyl (PCB) congeners, chlorinated pesticides, and trace elements in marine sediment and similar matrices. Reference values are also provided for selected dibenzo-*p*-dioxin and dibenzofuran congeners, total organic carbon, total extractable material, and particle-size characteristics. All of the constituents for which certified, reference, and information values are provided in SRM 1944 were naturally present in the sediment material before processing. A unit of SRM 1944 consists of a bottle containing 50 g of radiation sterilized, freeze-dried sediment material.

Certified Concentration Values: Certified values for concentrations, expressed as mass fractions, for 24 PAHs, 35 PCB congeners (some in combination), four chlorinated pesticides, and nine trace elements are provided in Tables 1-4. A NIST certified value is a value for which NIST has the highest confidence in its accuracy in that all known or suspected sources of bias have been investigated or accounted for by NIST. The certified values for the PAHs, PCB congeners, and chlorinated pesticides are based on the agreement of results obtained at NIST from two or more chemically independent analytical techniques. The certified values for the trace elements are based on NIST measurements by one technique and additional results from several collaborating laboratories.

Reference Concentration Values: Reference values for concentrations, expressed as mass fractions, are provided for 32 additional PAHs (some in combination) in Table 5, seven additional chlorinated pesticides in Table 6, and 19 additional inorganic constituents in Tables 7 and 8. Reference values are provided in Table 9 for the 17 2,3,7,8-substituted polychlorinated dibenzo-*p*-dioxin and dibenzofuran congeners and total tetra-, penta-, hexa-, and hepta-congeners of polychlorinated dibenzo-*p*-dioxin and dibenzofuran. Reference values for particle-size characteristics are provided in Table 10. Reference values for total organic carbon and percent extractable mass are provided in Table 11. Reference values are noncertified values that are the best estimate of the true value; however, the values do not meet the NIST criteria for certification and are provided with associated uncertainties that may reflect only measurement precision, may not include all sources of uncertainty, or may reflect a lack of sufficient statistical agreement among multiple analytical methods. Explanations in support of each reference value are given as notes in Tables 5-11.

Information Concentration Values: Information values for concentrations, expressed as mass fractions, are provided in Table 12 for eight additional trace elements. An information value is considered to be a value that will be of interest and use to the SRM user, but insufficient information is available to assess the uncertainty associated with the value or only a limited number of analyses were performed.

Expiration of Certification: The certification of this SRM lot is valid until **31 March 2009**, within the measurement uncertainties specified, provided the SRM is handled and stored in accordance with the instructions given in this certificate. However, the certification is nullified if the SRM is damaged, contaminated, or modified.

The support aspects involved in the preparation, certification, and issuance of this SRM were coordinated through the Standard Reference Materials Program by B.S. MacDonald.

Willie E. May, Chief
Analytical Chemistry Division

Gaithersburg, MD 20899
Certificate Issue Date: 14 May 1999

Thomas E. Gills, Director
Office of Measurement Services

Maintenance of SRM Certification: NIST will monitor this SRM over the period of its certification. If substantive technical changes occur that affect the certification before the expiration of this certificate, NIST will notify the purchaser. Return of the attached registration card will facilitate notification.

The coordination of the technical measurements leading to the certification was under the leadership of S.A. Wise of the NIST Analytical Chemistry Division.

Consultation on the statistical design of the experimental work and evaluation of the data were provided by M.G. Vangel and M.S. Levenson of the NIST Statistical Engineering Division.

The sediment material was collected with the assistance of the New York District of the U.S. Army Corp of Engineers (ACENYD), who provided the expertise in the site selection, the ship, sampling equipment, and personnel. L. Rosman of ACENYD and R. Parris (NIST) coordinated the collection of this sediment material. Collection and preparation of SRM 1944 were performed by R. Parris, M. Cronise, and C. Fales (NIST); L. Rosman and P. Higgins (ACENYD); and the crew of the *Gelberman* from the ACE Caven Point facility in Caven Point, NJ.

Analytical measurements for the certification of SRM 1944 were performed at NIST by E.S. Beary, D.A. Becker, R. Demiralp, R.R. Greenberg, M. Lopez de Alda, K.E. Murphy, B.J. Porter, D.L. Poster, L.C. Sander, M.M. Schantz, and L. Walton of the Analytical Chemistry Division. Measurements for percent total organic carbon measurements were provided by three commercial laboratories and T.L. Wade of the Geochemical and Environmental Research Group, Texas A&M University (College Station, TX). The particle-size distribution data were provided by Honeywell, Inc. (Clearwater, FL).

Analytical measurements for the polychlorinated dibenzo-*p*-dioxins and dibenzofurans were the results of an interlaboratory comparison study among 14 laboratories (see Appendix A) coordinated by S.A. Wise of the NIST Analytical Chemistry Division and R. Turle and C. Chiu of Environment Canada, Environmental Technology Centre, Analysis and Air Quality Division (Ottawa, Ontario, Canada). Analytical measurements for selected trace elements were provided by the International Atomic Energy Agency (IAEA, Seibersdorf, Austria) by M. Makarewicz and R. Zeisler. Results were also used from seven laboratories (see Appendix B) that participated in an intercomparison exercise coordinated by S. Willie of the Institute for National Measurement Standards, National Research Council Canada (NRCC, Ottawa, Ontario, Canada).

NOTICE AND WARNING TO USERS

Storage: SRM 1944 must be stored in its original bottle at temperatures less than 30 °C away from direct sunlight.

Handling: This material is naturally occurring marine sediment from an urban area and may contain constituents of unknown toxicities; therefore, caution and care should be exercised during its handling and use.

Instructions for Use: Prior to removal of subsamples for analysis, the contents of the bottle should be mixed. The concentrations of constituents in SRM 1944 are reported on a dry-mass basis. The SRM, as received, contains approximately 1.3 % moisture. The sediment sample should be dried to a constant mass before weighing for analysis, or if the constituents of interest are volatile, a separate subsample of the sediment should be removed from the bottle at the time of analysis and dried to determine the concentration on a dry-mass basis.

PREPARATION AND ANALYSIS[1]

Sample Collection and Preparation: The sediment used to prepare this SRM was collected from six sites in the vicinity of New York Bay and Newark Bay in October 1994. Site selection was based on contaminant levels measured in previous samples from these sites and was intended to provide relatively high concentrations for a variety of chemical classes of contaminants. The sediment was collected using an epoxy-coated modified Van Veen-type grab sampler designed to sample the sediment to a depth of 10 cm. A total of approximately 2100 kg of wet sediment was collected from the six sites. The sediment was freeze-dried, sieved (nominally 250 μm to 61 μm), homogenized in a cone blender, radiation sterilized (^{60}Co), and then packaged in screw-capped amber glass bottles.

[1]Certain commercial equipment, instrumentation, or materials are identified in this report to specify adequately the experimental procedure. Such identification does not imply recommendation or endorsement by the NIST, nor does it imply that the materials or equipment identified are necessarily the best available for the purpose.

Conversion to Dry-Mass Basis: The results for the constituents in SRM 1944 are reported on a dry-mass basis; however, the material "as received" contains residual moisture. The amount of moisture in SRM 1944 was determined by measuring the mass loss after freeze-drying subsamples of 1.6 g to 2.5 g for five days at 1 Pa with a -10 °C shelf temperature and a -50 °C condenser temperature. The moisture content in SRM 1944 at the time of the certification analyses was 1.25 % ± 0.03 % (95 % confidence level).

Polycyclic Aromatic Hydrocarbons: The general approach used for the value assignment of the PAHs in SRM 1944 was similar to that reported for the recent certification of several environmental matrix SRMs [1-5] and consisted of combining results from analyses using various combinations of different extraction techniques and solvents, cleanup/isolation procedures, and chromatographic separation and detection techniques. This approach consisted of Soxhlet extraction and pressurized fluid extraction (PFE) using dichloromethane (DCM) or a hexane/acetone mixture, cleanup of the extracts using solid phase extraction (SPE) or normal-phase liquid chromatography (LC), followed by analysis using the following techniques: (1) reversed-phase liquid chromatography with fluorescence detection (LC-FL) for analysis of the total PAH fraction, (2) reversed-phase LC-FL analysis of isomeric PAH fractions isolated by normal-phase LC (i.e., multidimensional LC), (3) gas chromatography/mass spectrometric (GC/MS) analysis of the PAH fraction on three stationary phases of different selectivity, i.e., a 5 % (mole fraction) phenyl-substituted methylpolysiloxane phase, a 50 % (mole fraction) phenyl-substituted methylpolysiloxane phase, and a smectic liquid crystalline stationary phase.

Six sets of GC/MS results, designated as GC/MS (I), GC/MS (II), GC/MS (III), GC/MS (IV), GC/MS (V), and GC/MS (Sm), were obtained using three columns with different selectivities for the separation of PAHs. For GC/MS (I) analyses, duplicate subsamples of 1 g from eight bottles of SRM 1944 were Soxhlet extracted for 24 h with DCM. Copper powder was added to the extract to remove elemental sulfur. The concentrated extract was passed through a silica SPE cartridge and eluted with 2 % DCM in hexane. The processed extract was then analyzed by GC/MS using a 0.25 mm i.d. x 60 m fused silica capillary column with a 5 % phenyl-substituted methylpolysiloxane phase (0.25 µm film thickness) (DB-5 MS, J&W Scientific, Folsom, CA). The GC/MS (II) analyses were performed using 1 g to 2 g subsamples from three bottles of SRM 1944 and 2 g to 3 g subsamples from three bottles of SRM 1944 that had been mixed with a similar amount of water (i.e., a wetted sediment). These samples were Soxhlet extracted with DCM and processed through the silica SPE as described above; however, the extract was further fractionated using normal-phase LC on a semi-preparative aminopropylsilane column to isolate the PAH fraction [6-9]. The PAH fraction was then analyzed using the same column as described above for GC/MS (I); however, the subsamples were extracted, processed and analyzed as part of three different sample sets at different times using different calibrations for each set. For the GC/MS (III), 1 g to 2 g subsamples from six bottles of SRM 1944 were Soxhlet extracted for 18 h with 250 mL of a mixture of 50 % hexane/50 % acetone (volume fractions). The extracts were then processed and analyzed as described for GC/MS (II). For GC/MS (IV) analyses, 1 g to 2 g subsamples from six bottles of SRM 1944 were extracted using PFE with a mixture of 50 % hexane/50 % acetone as described by Schantz et al. [10], and the extracts were processed as described above for GC/MS (II). The GC/MS (V) results were obtained by analyzing three of the same PAH fractions that were analyzed in GC/MS (III) and three of the PAH fractions that were analyzed in GC/MS (IV) using a 50 % phenyl-substituted methylpolysiloxane stationary phase (0.25 mm i.d. x 60 m, 0.25 µm film thickness) (DB-17MS, J&W Scientific, Folsom, CA). For GC/MS (Sm) 1 g to 2 g subsamples from six bottles of SRM 1944 were Soxhlet extracted for 24 h with 250 mL of DCM. The extracts were processed as described above for GC/MS (I) using an aminopropylsilane SPE cartridge followed by GC/MS analysis using 0.2 mm i.d. x 25 m (0.15 µm film thickness) smectic liquid crystalline phase (SB-Smectic, Dionex, Lee Scientific Division, Salt Lake City, UT).

Two sets of LC-FL results, designated as LC-FL (Total) and LC-FL (Fraction), were used in the certification process. Subsamples of approximately 1 g from six bottles of SRM 1944 were Soxhlet extracted for 20 h using 200 mL of 50 % hexane/50 % acetone (volume fractions). The extracts were concentrated and then processed through two aminopropylsilane solid phase extraction (SPE) cartridges connected in series to obtain the total PAH fraction. A second 1 g subsample from the six bottles was Soxhlet extracted and processed as described above; the PAH fraction was then fractionated further on a semi-preparative aminopropylsilane column (µBondapak NH_2, 9 mm i.d. x 30 cm, Waters Associates, Milford, MA) to isolate isomeric PAH fractions as described previously [6-9]. The total PAH fraction and the isomeric PAH fractions were analyzed using a 5-µm particle-size polymeric octadecylsilane (C_{18}) column (4.6 mm i.d. x 25 cm, Hypersil-PAH, Keystone Scientific, Inc., Bellefonte, PA) with wavelength programmed fluorescence detection [7,8]. For all of the GC/MS and LC-FL measurements described above, selected perdeuterated PAHs were added to the sediment prior to solvent extraction for use as internal standards for quantification purposes.

Homogeneity Assessment for PAHs: The homogeneity of SRM 1944 was assessed by analyzing duplicate samples of 1 g from eight bottles selected by stratified random sampling. Samples were extracted, processed, and analyzed as

described above for GC/MS (I). No statistically significant differences among bottles were observed for the PAHs at the 1 g sample size.

PCBs and Chlorinated Pesticides: The general approach used for the determination of PCBs and chlorinated pesticides in SRM 1944 was similar to that reported for the recent certification of several environmental matrix SRMs [2,4,11,12,13], and consisted of combining results from analyses using various combinations of different extraction techniques and solvents, cleanup/isolation procedures, and chromatographic separation and detection techniques. This approach consisted of Soxhlet extraction and PFE using DCM or a hexane/acetone mixture, cleanup/isolation using SPE or LC, followed by analysis using GC/MS and gas chromatography with electron capture detection (GC-ECD) on two columns with different selectivity.

Eight sets of results were obtained designated as GC-ECD (I) A and B, GC-ECD (II) A and B, GC/MS (I), GC/MS (II), GC/MS (III), and QA Exercise. For the GC-ECD (I) analyses, 1 g subsamples from four bottles of SRM 1944 were Soxhlet extracted with DCM for 18 h. Copper powder was added to the extract to remove elemental sulfur. The concentrated extract was passed through a silica SPE cartridge and eluted with 10 % DCM in hexane. The concentrated eluant was then fractionated on a semi-preparative aminopropylsilane column to isolate two fractions containing: (1) the PCBs and lower polarity pesticides, and (2) the more polar pesticides. GC-ECD analyses of the two fractions were performed on two columns of different selectivities for PCB separations: 0.25 mm x 60 m fused silica capillary column with a 5 % phenyl-substituted methylpolysiloxane phase (0.25 µm film thickness) (DB-5, J&W Scientific, Folsom, CA) and a 0.32 mm x 100 m fused silica capillary column with a 50 % (mole fraction) octadecyl (C-18) methylpolysiloxane phase (0.1 µm film thickness) (CPSil 5 C18 CB, Chrompack International, Middelburg, The Netherlands). The results from the 5 % phenyl phase are designated as GC-ECD (IA) and the results from the C-18 phase are designated as GC-ECD (IB). A second set of samples was also analyzed by GC-ECD (i.e., GC-ECD IIA and IIB). Subsamples of 1 g to 2 g from three bottles of SRM 1944 and 2 g to 3 g subsamples from three bottles of SRM 1944 that had been mixed with a similar amount of water (i.e., a wetted sediment) were extracted, processed, and analyzed as described above for GC-ECD (I); however, the subsamples were extracted, processed and analyzed as part of three different sample sets at different times using different calibrations for each set.

Three sets of results were obtained by GC/MS. For GC/MS (I), 1 g to 2 g subsamples from six bottles were Soxhlet extracted with a mixture of 50 % hexane/50 % acetone. Copper powder was added to the extract to remove elemental sulfur. The concentrated extract was passed through a silica SPE cartridge and eluted with 10 % DCM in hexane. The extract was then analyzed by GC/MS using a 0.25 mm x 60 m fused silica capillary column with a 5 % phenyl-substituted methylpolysiloxane phase (0.25 µm film thickness). The GC/MS (II) results were obtained in the same manner as the GC/MS (I) analyses except that the six subsamples were extracted using PFE as described by Schantz et al. [10]. The GC/MS (III) analyses were performed on the same extract fractions analyzed in GC-ECD (II) using the 5 % phenyl-substituted methylpolysiloxane phase describe above for GC/MS (I). For both the GC-ECD and GC/MS analyses, two PCB congeners that are not significantly present in the sediment extract (PCB 103 and PCB 198 [14,15]), and 4,4'-DDT-d_8 were added to the sediment prior to extraction for use as internal standards for quantification purposes.

In addition to the analyses performed at NIST, SRM 1944 was used in an interlaboratory comparison exercise in 1995 as part of the NIST Intercomparison Exercise Program for Organic Contaminants in the Marine Environment [16]. Results from 19 laboratories that participated in this exercise were used as the eighth data set in the determination of the certified values for PCB congeners and chlorinated pesticides in SRM 1944. The laboratories participating in this exercise used the analytical procedures routinely used in their laboratories to measure PCB congeners and chlorinated pesticides.

Polychlorinated Dibenzo-*p*-dioxins and Dibenzofurans: Value assignment of the concentrations of the 17 2,3,7,8-substituted polychlorinated dibenzo-*p*-dioxin and dibenzofuran congeners and the total tetra- through hepta-substituted polychlorinated dibenzo-*p*-dioxins and dibenzofurans was accomplished by combining results from the analysis of SRM 1944 by 14 laboratories that participated in an interlaboratory comparison study (see Appendix A). Each laboratory analyzed three subsamples (typically 1 g) of SRM 1944 using their routine analytical procedures and gas chromatography with high resolution mass spectrometric detection (GC-HRMS).
The analytical procedures used by all of the laboratories included spiking with ^{13}C-labeled surrogates (internal standards); Soxhlet extraction with toluene; sample extract cleanup with acid/base silica, alumina, and carbon columns; and finally analysis of the cleaned up extract with GC-HRMS. Most of the laboratories used a 5 % phenyl-substituted methylpolysiloxane phase capillary column (DB-5), and about half of the laboratories confirmed 2,3,7,8-tetrachlorodibenzofuran using a 50 % (mole fraction) cyanopropylphenyl-substituted methylpolysiloxane capillary column (DB-225, J&W Scientific, Folsom, CA).

Analytical Approach for Inorganic Constituents: Value assignment for the concentrations of selected trace elements was accomplished by combining results of the analyses of SRM 1944 from NIST, NRCC, IAEA, and seven selected laboratories that participated in an interlaboratory comparison exercise coordinated by the NRCC [17] (see Appendix B). A similar approach was recently used to provide certified and reference concentration values for trace elements in two mussel tissue materials [18-20]. The analytical methods used for the determination of each element are summarized in Table 13. For the certified concentration values listed in Table 4, results were combined from: (1) analyses at NIST using isotope dilution inductively coupled plasma mass spectrometry (ID-ICPMS) or instrumental neutron activation analysis (INAA), (2) analyses at NRCC using ID-ICPMS, graphite furnace atomic absorption spectrometry (GFAAS), and/or inductively coupled plasma atomic emission spectroscopy (ICPAES), (3) analyses at IAEA using INAA, and (4) the mean of the results from seven selected laboratories that participated in the NRC interlaboratory comparison exercise. The reference concentration values in Table 7 were determined by combining results from (1) analyses performed at NIST using INAA; (2) analyses at NRCC using ID-ICPMS, GFAAS, ICPAES, and/or cold vapor atomic absorption spectroscopy (CVAAS); (3) analyses at IAEA using INAA; and (4) the mean of the results from five to seven laboratories that participated in the NRCC interlaboratory comparison exercise. The information concentration values in Table 12 were determined by INAA at NIST and IAEA.

NIST Analyses using ID-ICPMS: Lead, cadmium, and nickel were determined by ID-ICPMS [21]. Subsamples (0.4 g to 0.5 g) from six bottles of the SRM were spiked with ^{206}Pb, ^{111}Cd, and ^{62}Ni and wet ashed using a combination of nitric, hydrochloric, hydrofluoric, and perchloric acids. Lead and cadmium were determined in the same sample; nickel was determined in a second sample set. A small amount of crystalline material remained after the acid dissolution. Lithium metaborate fusion was performed on this residue to confirm that the residue contained insignificant amounts of the analytes. Cadmium and nickel were separated from the matrix material to eliminate the possibility of spectral interferences, and concentrations were determined from the measurement of the $^{112}Cd/^{111}Cd$ and $^{62}Ni/^{60}Ni$ ratios, respectively. The $^{208}Pb/^{206}Pb$ ratios were measured directly because interferences at these masses are negligible.

NIST Analyses using INAA: Analyses were performed in two steps [22]. Elements with short-lived irradiation products (Al, Ca, Cl, K, Mg, Mn, Na, Ti, and V) were determined by measuring duplicate 300 mg samples from each of 10 bottles of SRM 1944. The samples, standards, and controls were packaged in clean polyethylene bags and were individually irradiated for 15 s in the NIST Reactor Pneumatic Facility RT-4. Reactor power was 20 megawatts which corresponds to a neutron fluence rate of about 8×10^{13} $cm^{-2} \cdot s^{-1}$. After irradiation, the samples, controls, and standards were repackaged in clean polyethylene bags and counted (gamma-ray spectrometry) three times at different decay intervals. A sample to detector distance (counting geometry) of 20 cm was used. Elements with long-lived irradiation products (Ag, As, Br, Co, Cr, Cs, Fe, Rb, Sb, Sc, Se, Th, and Zn) were determined by measuring one 300 mg sample from each of nine bottles of SRM 1944. The samples, standards, controls, and blank polyethylene bags were irradiated together for a total of 1 h at a reactor power of 20 megawatts. Approximately four days after irradiation, the polyethylene bags were removed, and each sample, standard, control, and blank was counted at 20 cm from the detector. The samples were then recounted at 10 cm from another detector. After an additional decay time of about one month, the samples, standards, controls, and blanks were counted a third time (at 10 cm) from the second detector.

Particle-Size Information: Dry particle-size distribution measurements for SRM 1944 were obtained as part of a collaborative effort with Honeywell's Particle and Components Measurements Laboratory (Clearwater, FL). A Microtrac particle analyzer, which makes use of light-scattering techniques, was used to measure the particle-size distribution of SRM 1944. Briefly, a reference beam is used to penetrate a field of particles and the light that scatters in the forward direction from the field is measured and the particle size as a volume distribution is derived via a computer-assisted analysis. From these data, the total volume, average size, and a characteristic width of the particle-size distribution are calculated. The system has a working range from 0.7 μm to 700 μm.

Total Organic Carbon and Percent Extractable Mass: Four laboratories provided results for Total Organic Carbon (TOC) using similar procedures. Briefly, subsamples of approximately 200 mg were reacted with 6 N hydrochloric acid and rinsed with deionized water prior to combustion in a gas fusion furnace. The carbon monoxide and carbon dioxide produced were measured and compared to a blank for calculation of the percent TOC. Each laboratory analyzed subsamples from six bottles of SRM 1944. For the determination of percent extractable mass, six subsamples of approximately 1 g to 2 g of SRM 1944 were extracted using Soxhlet extraction for 18 h with DCM. The extraction thimbles were allowed to air dry. After reaching constant mass, the difference in the mass before and after extraction was determined.

Table 1. Certified Concentrations for Selected PAHs in SRM 1944

PAHs	Mass Fractions in mg/kg (dry-mass basis)[a,b]		
Naphthalene[c,d,e,f,g]	1.65	±	0.31
Phenanthrene[c,d,e,f,g]	5.27	±	0.22
Anthracene[c,d,e,f,g]	1.77	±	0.33
Fluoranthene[c,d,e,f,g]	8.92	±	0.32
Pyrene[c,d,e,f,g]	9.70	±	0.42
Benzo[*c*]phenathrene[c,d,e,f,h]	0.76	±	0.10
Benz[*a*]anthracene[c,d,e,f,g,h]	4.72	±	0.11
Chrysene[h,k]	4.86	±	0.10[i]
Triphenylene[h,k]	1.04	±	0.27
Benzo[*b*]fluoranthene[g,h,j]	3.87	±	0.42
Benzo[*j*]fluoranthene[h,j]	2.09	±	0.44
Benzo[*k*]fluoranthene[c,d,e,f,g,h,j]	2.30	±	0.20
Benzo[*a*]fluoranthene[c,d,e,f,h,j]	0.78	±	0.12
Benzo[*e*]pyrene[c,d,e,f,h,j]	3.28	±	0.11
Benzo[*a*]pyrene[c,d,e,f,g,h,j]	4.30	±	0.13
Perylene[c,d,e,f,g,h,j]	1.17	±	0.24
Benzo[*ghi*]perylene[c,d,e,f,j,k]	2.84	±	0.10
Indeno[1,2,3-*cd*]pyrene[c,d,e,f,j,k]	2.78	±	0.10
Dibenz[*a,j*]anthracene[c,d,e,f,j,k]	0.500	±	0.044
Dibenz[*a,c*]anthracene[j,k]	0.335	±	0.013
Dibenz[*a,h*]anthracene[j,k]	0.424	±	0.069
Pentaphene[c,d,e,f,j,k]	0.288	±	0.026
Benzo[*b*]chrysene[c,d,e,f,j,k,h]	0.63	±	0.10
Picene[c,d,e,f,j,k]	0.518	±	0.093

[a] Concentrations reported on dry-mass basis; material as received contains approximately 1.3 % moisture.

[b] The results are expressed as the certified value ± the expanded uncertainty. Each certified value is a mean of the means from two or more analytical methods, weighted as described in Paule and Mandel [23]. Each uncertainty, computed according to the CIPM approach as described in the ISO Guide [24], is an expanded uncertainty at the 95 % level of confidence, which includes random sources of uncertainty within each analytical method as well as uncertainty due to the drying study. The expanded uncertainty defines a range of values within which the true value is believed to lie, at a level of confidence of approximately 95 %.

[c] GC/MS (I) on 5 % phenyl-substituted methylpolysiloxane phase after Soxhlet extraction with DCM.

[d] GC/MS (II) on 5 % phenyl-substituted methylpolysiloxane phase after Soxhlet extraction with DCM.

[e] GC/MS (III) on 5 % phenyl-substituted methylpolysiloxane phase after Soxhlet extraction with 50 % hexane/50 % acetone.

[f] GC/MS (IV) on 5 % phenyl-substituted methylpolysiloxane phase after PFE with 50 % hexane/50 % acetone.

[g] LC-FL of total PAH fraction after Soxhlet extraction with 50 % hexane/50 % acetone.

[h] GC/MS (Sm) using a smectic liquid crystalline phase after Soxhlet extraction with DCM.

[i] The uncertainty interval for chrysene was widened based on expert consideration of the analytical methods and analysis of the data for all PAHs, which suggests that the half-widths of the expanded uncertainties should not be less than 2 %.

[j] GC/MS (V) on 50 % phenyl-substituted methylpolysiloxane phase of extracts from GC/MS (III) and GC/MS (IV).

[k] LC-FL of isomeric PAH fractions after Soxhlet extraction with 50 % hexane/50 % acetone.

Table 2. Certified Concentrations for Selected PCB Congeners[a] in SRM 1944

PCB Congeners		Mass Fractions in µg/kg (dry-mass basis)[b,c]
PCB 8	(2,4'-Dichlorobiphenyl)[d,e,f,g,h,i,j,k]	22.3 ± 2.3
PCB 18	(2,2',5-Trichlorobiphenyl)[d,e,f,g,h,i,j,k]	51.0 ± 2.6
PCB 28	(2,4,4'-Trichlorobiphenyl)[d,e,f,g,j,k]	80.8 ± 2.7
PCB 31	(2,4',5-Trichlorobiphenyl)[d,e,f,g,j]	78.7 ± 1.6[l]
PCB 44	(2,2',3,5'-Tetrachlorobiphenyl)[d,e,f,g,h,i,j,k]	60.2 ± 2.0
PCB 49	(2,2',4,5'-Tetrachlorobiphenyl)[d,e,f,g,h,i,j,k]	53.0 ± 1.7
PCB 52	(2,2',5,5'-Tetrachlorobiphenyl)[d,e,f,g,h,i,j,k]	79.4 ± 2.0
PCB 66	(2,3',4,4'-Tetrachlorobiphenyl)[e,g,h,i,j]	71.9 ± 4.3
PCB 87	(2,2',3,4,5'-Pentachlorobiphenyl)[d,e,f,g,h,i,j]	29.9 ± 4.3
PCB 95	(2,2',3,5',6-Pentachlorobiphenyl)[e,g,h,i,j]	65.0 ± 8.9
PCB 99	(2,2',4,4',5-Pentachlorobiphenyl)[d,e,f,g,h,i,j,k]	37.5 ± 2.4
PCB 101	(2,2',4,5,5'-Pentachlorobiphenyl)[d,e,f,g,h,i,j,k]	73.4 ± 2.5
90	(2,2',3,4',5-Pentachlorobiphenyl)	
PCB 105	(2,3,3',4,4'-Pentachlorobiphenyl)[e,f,g,h,i,j,k]	24.5 ± 1.1
PCB 110	(2,3,3',4',6-Pentachlorobiphenyl)[g,h,i,j]	63.5 ± 4.7
PCB 118	(2,3',4,4',5-Pentachlorobiphenyl)[d,e,f,g,h,i,j,k]	58.0 ± 4.3
PCB 128	(2,2',3,3',4,4'-Hexachlorobiphenyl)[d,e,f,g,h,i,j,k]	8.47 ± 0.28
PCB 138	(2,2',3,4,4',5'-Hexachlorobiphenyl)[d,e,f,g,h,i,j,k]	62.1 ± 3.0
163	(2,3,3',4',5,6-Hexachlorobiphenyl)	
164	(2,3,3',4',5',6-Hexachlorobiphenyl)	
PCB 149	(2,2',3,4',5',6-Hexachlorobiphenyl)[d,e,f,g,h,i,j,k]	49.7 ± 1.2
PCB 151	(2,2',3,5,5',6-Hexachlorobiphenyl)[d,e,f,g,h,i,j,k]	16.93 ± 0.36
PCB 153	(2,2',4,4',5,5'-Hexachlorobiphenyl)[d,e,f,g,h,i,j,k]	74.0 ± 2.9
PCB 156	(2,3,3',4,4',5-Hexachlorobiphenyl)[d,e,f,g,h,i,j]	6.52 ± 0.66
PCB 170	(2,2',3,3',4,4',5-Heptachlorobiphenyl)[d,e,f,g,h,i,j,k]	22.6 ± 1.4
190	(2,3,3',4,4',5,5'-Heptachlorobiphenyl)	
PCB 180	(2,2',3,4,4',5,5'-Heptachlorobiphenyl)[d,e,f,g,h,i,j,k]	44.3 ± 1.2
PCB 183	(2,2',3,4,4',5',6-Heptachlorobiphenyl)[d,e,f,g,h,i,j]	12.19 ± 0.57
PCB 187	(2,2',3,4',5,5',6-Heptachlorobiphenyl)[d,e,f,g,h,i,j,k]	25.1 ± 1.0
159	(2,3,3',4,5,5'-Hexachlorobiphenyl)	
182	(2,2',3',4,4',5,6'-Heptachlorobiphenyl)	
PCB 194	(2,2',3,3',4,4',5,5'-Octachlorobiphenyl)[d,e,f,g,h,i,j]	11.2 ± 1.4
PCB 195	(2,2',3,3',4,4',5,6-Octachlorbiphenyl)[d,e,f,g,h,i,j,k]	3.75 ± 0.39
PCB 206	(2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl)[d,e,f,g,h,i,j,k]	9.21 ± 0.51
PCB 209	Decachlorobiphenyl [d,e,f,g,h,i,j,k]	6.81 ± 0.33

[a] PCB congeners are numbered according to the scheme proposed by Ballschmiter and Zell [14] and later revised by Schulte and Malisch [15] to conform with IUPAC rules; for the specific congeners mentioned in this SRM, the Ballschmiter-Zell numbers correspond to those of Schulte and Malisch. When two or more congeners are known to coelute under the conditions used, the congener listed first is the major component; additional congeners may be present as minor components.

[b] Concentrations reported on dry-mass basis; material as received contains approximately 1.3 % moisture.

[c] The results are expressed as the certified value ± the expanded uncertainty. Each certified value is a mean of the means from two or more analytical methods, weighted as described in Paule and Mandel [23]. Each uncertainty, computed according to the CIPM approach as described in the ISO Guide [24], is an expanded uncertainty at the 95 % level of confidence, which includes random sources of uncertainty within each analytical method as well as uncertainty due to the drying study. The expanded uncertainty defines a range of values within which the true value is believed to lie, at a level of confidence of approximately 95 %.

[d] GC-ECD (IA) on 5 % phenyl-substituted methylpolysiloxane phase after Soxhlet extraction with DCM.

[e] GC-ECD (IB) on the 50 % C-18 dimethylpolysiloxane phase; same extracts analyzed as in GC-ECD (IA).

[f] GC-ECD (IIA) on 5 % phenyl-substituted methylpolysiloxane phase after Soxhlet extraction with DCM.

[g] GC-ECD (IIB) on the 50 % octadecyl (C-18) methylpolysiloxane phase; same extracts analyzed as in GC-ECD (IIA).

[h] GC/MS (I) on 5 % phenyl-substituted methylpolysiloxane phase after Soxhlet extraction with 50 % hexane/50 % acetone.

[i] GC/MS (II) on 5 % phenyl-substituted methylpolysiloxane phase after PFE extraction with 50 % hexane/50 % acetone.

[j] GC/MS (III) on 5 % phenyl-substituted methylpolysiloxane phase; same extracts analyzed as in GC-ECD (IIA).

[k] Results from 19 laboratories participating in an interlaboratory comparison exercise.

[l] The uncertainty interval for PCB 31 was widened based on expert consideration of the analytical methods and analysis of the data for all PCB congeners, which suggests that the half-widths of the expanded uncertainties should not be less than 2 %.

Table 3. Certified Concentrations for Selected Chlorinated Pesticides in SRM 1944

Chlorinated Pesticides	Mass Fractions in µg/kg (dry-mass basis)[a,b]
Hexachlorobenzene[e,f,g,h,i,j]	6.03 ± 0.35
cis-Chlordane (α-Chlordane)[c,d,e,f,g,h,i,j]	16.51 ± 0.83
trans-Nonachlor[c,d,e,f,g,h,i,j]	8.20 ± 0.51
4,4'-DDT[c,d,e,f,g,h,i,j]	119 ± 11

[a] Concentrations reported on dry-mass basis; material as received contains approximately 1.3 % moisture.
[b] The results are expressed as the certified value ± the expanded uncertainty. Each certified value is a mean of the means from two or more analytical methods, weighted as described in Paule and Mandel [23]. Each uncertainty, computed according to the CIPM approach as described in the ISO Guide [24], is an expanded uncertainty at the 95 % level of confidence, which includes random sources of uncertainty within each analytical method as well as uncertainty due to the drying study. The expanded uncertainty defines a range of values within which the true value is believed to lie, at a level of confidence of approximately 95 %.
[c] GC-ECD (IA) on 5 % phenyl-substituted methylpolysiloxane phase after Soxhlet extraction with DCM.
[d] GC-ECD (IB) on the 50 % octadecyl (C-18) methylpolysiloxane phase; same extracts analyzed as in GC-ECD (IA).
[e] GC-ECD (IIA) on 5 % phenyl-substituted methylpolysiloxane phase after Soxhlet extraction with DCM.
[f] GC-ECD (IIB) on the 50 % octadecyl (C-18) methylpolysiloxane phase; same extracts analyzed as in GC-ECD (IIA).
[g] GC/MS (I) on 5 % phenyl-substituted methylpolysiloxane phase after Soxhlet extraction with 50 % hexane/50 % acetone.
[h] GC/MS (II) on 5 % phenyl-substituted methylpolysiloxane phase after PFE extraction with 50 % hexane/50 % acetone.
[i] GC/MS (III) on 5 % phenyl-substituted methylpolysiloxane phase; same extracts analyzed as in GC-ECD (IIA).
[j] Results from 19 laboratories participating in an interlaboratory comparison exercise.

Table 4. Certified Concentrations for Selected Inorganic Constituents in SRM 1944

Elements	Degrees of Freedom	Mass Fractions in percent (dry-mass basis)[a,b]
Aluminum[c,d,e]	4	5.33 ± 0.49
Iron[c,d,e]	6	3.53 ± 0.16
		Mass Fractions in mg/kg (dry-mass basis)[a,b]
Arsenic[c,d,e,f,g]	10	18.9 ± 2.8
Cadmium[e,f,h,i]	6	8.8 ± 1.4
Chromium[c,d,f,g,i]	9	266 ± 24
Lead[e,h,i]	5	330 ± 48
Manganese[c,d,e]	8	505 ± 25
Nickel[c,g,h,i]	6	76.1 ± 5.6
Zinc[c,d,e,g,i]	9	656 ± 75

[a] The results are expressed as the certified value ± the expanded uncertainty. The certified value is the mean of four results: (1) the mean of NIST INAA or ID-ICPMS analyses, (2) the mean of two methods performed at NRCC, and (3) the mean of results from seven selected laboratories participating in the NRCC intercomparison exercise, and (4) the mean results from INAA analyses at IAEA. The expanded uncertainty in the certified value is equal to $U = ku_c$, where u_c is the combined standard uncertainty and k is the coverage factor, both calculated according to the ISO Guide [24]. The value of u_c is intended to represent at the level of one standard deviation the combined effect of all the uncertainties in the certified value. Here u_c accounts for both possible method biases, within-method variation, and material inhomogeneity. The coverage factor, k, is the Student's t-value for a 95 % prediction interval with the corresponding degrees of freedom. Because of the material inhomogeneity, the variability among the measurements of multiple samples can be expected to be greater than that due to measurement variability alone.
[b] Concentrations reported on dry-mass basis; material as received contains approximately 1.3 % moisture.
[c] Results from five to seven laboratories participating in the NRCC interlaboratory comparison exercise.
[d] Measured at NIST using INAA.
[e] Measured at NRCC using ICPAES.
[f] Measured at NRCC using GFAAS.
[g] Measured at IAEA using INAA.
[h] Measured at NIST using ID-ICPMS.
[i] Measured at NRCC using ID-ICPMS.

Table 5. Reference Concentrations for Selected PAHs in SRM 1944

NOTE: These concentrations are provided as reference values because either the results have not been confirmed by an independent analytical technique as required for certification or the agreement among results from multiple methods was insufficient for certification. Although bias has not been evaluated for the procedures used, the reference values should be useful for comparison with results obtained using similar procedures.

PAHs	Mass Fractions in mg/kg (dry-mass basis)[a,b]		
1-Methylnaphthalene[c,d,e,f]	0.52	±	0.03
2-Methylnaphthalene[c,d,e,f]	0.95	±	0.05
Biphenyl[c,d,e,f]	0.32	±	0.07
Acenaphthene[c,d,e,f]	0.57	±	0.03
Fluorene[c,d,e,f]	0.85	±	0.03
Dibenzothiophene[d,e,f]	0.62	±	0.01[g]
1-Methylphenanthrene[c,d,e,f]	1.7	±	0.1
2-Methylphenanthrene[c,d,e,f]	1.90	±	0.06
3-Methylphenanthrene[c,d,e,f]	2.1	±	0.1
4-Methylphenanthrene and 9-Methylphenanthrene[c,d,e,f]	1.6	±	0.2
2-Methylanthracene[c,d,e,f]	0.58	±	0.04
3,5-Dimethylphenanthrene[c]	1.31	±	0.04
2,6-Dimethylphenanthrene[c]	0.79	±	0.02[g]
2,7-Dimethylphenanthrene[c]	0.67	±	0.02[g]
3,9-Dimethylphenanthrene[c]	2.42	±	0.05[g]
1,6-, 2,9-, and 2,5-Dimethylphenanthrene[c]	1.67	±	0.03[g]
1,7-Dimethylphenanthrene[c]	0.62	±	0.02[g]
1,9- and 4,9-Dimethylphenanthrene[c]	1.20	±	0.03[g]
1,8-Dimethylphenanthrene[c]	0.24	±	0.01[g]
1,2-Dimethylphenanthrene[c]	0.28	±	0.01[g]
8-Methylfluoranthene[c]	0.86	±	0.02[g]
7-Methylfluoranthene[c]	0.69	±	0.02
1-Methylfluoranthene[c]	0.66	±	0.02[g]
3-Methylfluoranthene[c]	2.46	±	0.07
2-Methylpyrene[c]	1.81	±	0.04[g]
4-Methylpyrene[c]	1.44	±	0.03[g]
1-Methylpyrene[c]	1.29	±	0.03
Anthanthrene[h]	0.9	±	0.1

[a] Concentrations reported on dry-mass basis; material as received contains approximately 1.3 % moisture.

[b] The reference value for each analyte is the equally-weighted mean of the means from two or more analytical methods or the mean from one analytical technique. The uncertainty in the reference value defines a range of values that is intended to function as an interval that contains the true value at a level of confidence of 95 %. This uncertainty includes sources of uncertainty within each analytical method, among methods, and from the drying study.

[c] GC/MS (I) on 5 % phenyl-substituted methylpolysiloxane phase after Soxhlet extraction with DCM.

[d] GC/MS (II) on 5 % phenyl-substituted methylpolysiloxane phase after Soxhlet extraction with DCM.

[e] GC/MS (III) on 5 % phenyl-substituted methylpolysiloxane phase after Soxhlet extraction with 50 % hexane/50 % acetone.

[f] GC/MS (IV) on 5 % phenyl-substituted methylpolysiloxane phase after PFE with 50 % hexane/50 % acetone.

[g] The uncertainty interval for this compound was widened in accordance with expert consideration of the analytical procedures, along with the analysis of the data as a whole, which suggests that the half-widths of the expanded uncertainties should not be less than 2 %.

[h] LC-FL of isomeric PAH fractions after Soxhlet extraction with 50 % hexane/50 % acetone.

Table 6. Reference Concentrations for Selected Chlorinated Pesticides in SRM 1944

NOTE: These concentrations are provided as reference values because either the results have not been confirmed by an independent analytical technique as required for certification or the agreement among results from multiple methods was insufficient for certification. Although bias has not been evaluated for the procedures used, the reference values should be useful for comparison with results obtained using similar procedures.

Chlorinated Pesticides	Mass Fractions in µg/kg (dry-mass basis)[a,b]
α-HCH[c,d,e,f]	2.0 ± 0.3
trans-Chlordane (γ-Chlordane)[c,d,e,f,g,h,i,j]	8 ± 2
cis-Nonachlor [d,e,f,i,j]	3.7 ± 0.7
2,4'-DDE [c,d,e,f,g,h,i,j]	19 ± 3
2,4'-DDD [e,f,g,h,i,j]	38 ± 8
4,4'-DDE [c,d,e,f,g,h,i,j]	86 ± 12
4,4'-DDD [c,d,e,f,g,h,i,j]	108 ± 16

[a] Concentrations reported on dry-mass basis; material as received contains approximately 1.3 % moisture.
[b] The reference value for each analyte is the equally-weighted mean of the means from two or more analytical methods or the mean from one analytical technique. The uncertainty in the reference value defines a range of values that is intended to function as an interval that contains the true value at a level of confidence of 95 %. This uncertainty includes sources of uncertainty within each analytical method, among methods, and from the drying study.
[c] GC-ECD (IA) on 5 % phenyl-substituted methylpolysiloxane phase after Soxhlet extraction with DCM.
[d] GC-ECD (IB) on the 50 % octadecyl (C-18) methylpolysiloxane phase; same extracts analyzed as in GC-ECD (IA).
[e] GC-ECD (IIA) on 5 % phenyl-substituted methylpolysiloxane phase after Soxhlet extraction with DCM.
[f] GC-ECD (IIB) on the 50 % octadecyl (C-18) methylpolysiloxane phase; same extracts analyzed as in GC-ECD (IIA).
[g] GC/MS (I) on 5 % phenyl-substituted methylpolysiloxane phase after Soxhlet extraction with 50 % hexane/50 % acetone.
[h] GC/MS (II) on 5 % phenyl-substituted methylpolysiloxane phase after PFE extraction with 50 % hexane/50 % acetone.
[i] GC/MS (III) on 5 % phenyl-substituted methylpolysiloxane phase; same extracts anlayzed as in GC-ECD (IIA).
[j] Results from 19 laboratories participating in an interlaboratory comparison exercise.

Table 7. Reference Concentrations for Selected Inorganic Constituents in SRM 1944 as Determined by Multiple Laboratories

NOTE: These concentrations are provided as reference values because either the results have not been confirmed by an independent analytical technique as required for certification, the agreement among results from multiple methods was insufficient for certification, or insufficient analyses have been performed at NIST to confirm the results of the outside laboratories.

Elements	Degrees of Freedom	Mass Fraction in percent (dry-mass basis)[a,b]
Silicon[c,d]	81	31 ± 3
		Mass Fraction in mg/kg (dry-mass basis)[a,b]
Beryllium[c,h]	17	1.6 ± 0.3
Copper[c,d,f]	101	380 ± 40
Mercury[c,i]	18	3.4 ± 0.5
Selenium[c,e,f]	24	1.4 ± 0.2
Silver[c,d,e,g]	8	6.4 ± 1.7
Thallium[c,f]	12	0.59 ± 0.1
Tin[c,f]	22	42 ± 6

[a] The results are expressed as the reference value ± the expanded uncertainty. The reference value is the equally weighted mean of available results from: (1) NIST INAA analyses, (2) two methods performed at NRCC, (3) results from seven selected laboratories participating in the NRCC intercomparison exercise, and (4) results from INAA analyses at IAEA. The expanded uncertainty in the reference value is equal to $U = ku_c$ where u_c is the combined standard uncertainty and k is the coverage factor, both calculated according to the ISO Guide [24]. The value of u_c is intended to represent at the level of one standard deviation, the uncertainty in the value. Here u_c accounts for both possible method differences, within-method variation, and material inhomogeneity. The coverage factor, k, is the Student's t-value for a 95 % prediction interval with the corresponding degrees of freedom. Because of material inhomogeneity, the variability among the measurements of multiple samples can be expected to be greater than that due to measurement variability alone.

[b] Concentrations reported on dry-mass basis; material as received contains approximately 1.3 % moisture.
[c] Results from five to seven laboratories participating in the NRCC interlaboratory comparison exercise.
[d] Measured at NRCC using GFAAS.
[e] Measured at NIST using INAA.
[f] Measured at NRCC using ID-ICPMS.
[g] Measured at IAEA using INAA.
[h] Measured at NRCC using ICPAES.
[i] Measured at NRCC using CVAAS.

Table 8. Reference Concentrations for Selected Inorganic Constituents in SRM 1944 as Determined by INAA

NOTE: These concentrations are provided as reference values because the results have not been confirmed by an independent analytical technique as required for certification; therefore, unrecognized bias may exist for some analytes in this matrix.

Element	Effective Degrees of Freedom	Mass Fraction in percent (dry-mass basis)[a,b]		
Calcium	21	1.0	±	0.1
Chlorine	21	1.4	±	0.2
Potassium	21	1.6	±	0.2
Sodium	25	1.9	±	0.1
		Mass Fraction in mg/kg (dry-mass basis)[a,b]		
Bromine	10	86	±	10
Cesium	11	3.0	±	0.3
Cobalt	10	14	±	2
Rubidium	14	75	±	2
Scandium	37	10.2	±	0.2
Titanium	21	4300	±	300
Vanadium	21	100	±	9

[a] The results are expressed as the reference value ± the expanded uncertainty. The reference value is based on the results from an INAA study. The associated uncertainty accounts for both random and systematic effects, but because only one method was used, unrecognized bias may exist for some analytes in this matrix. The expanded uncertainty in the reference value is equal to $U = ku_c$, where u_c is the combined standard uncertainty and k is the coverage factor, both calculated according to the ISO Guide [24]. The value of u_c is intended to represent at the level of one standard deviation, the uncertainty in the value. Here u_c accounts for within-method variation and material inhomogeneity. The coverage factor, k, is the Student's t-value for a 95 % prediction interval with the corresponding degrees of freedom. Because of material inhomogeneity, the variability among the measurements of multiple samples can be expected to be greater than that due to measurement variability alone.
[b] Concentrations reported on dry-mass basis; material as received contains approximately 1.3 % moisture.

Table 9. Reference Concentrations for Selected Dibenzo-*p*-dioxin and Dibenzofuran Congeners in SRM 1944

NOTE: These concentrations are provided as reference values because the results have not been confirmed by an independent analytical technique as required for certification. Although bias has not been evaluated for the procedures used, the reference values should be useful for comparison with results obtained using similar procedures.

Dibenzo-*p*-dioxin and Dibenzofuran Congeners	Mass Fraction in µg/kg (dry-mass basis)[a,b]		
2,3,7,8-Tetrachlorodibenzo-*p*-dioxin	0.133	±	0.009
1,2,3,7,8-Pentachlorodibenzo-*p*-dioxin	0.019	±	0.002
1,2,3,4,7,8-Hexachlorodibenzo-*p*-dioxin	0.026	±	0.003
1,2,3,6,7,8-Hexachlorodibenzo-*p*-dioxin	0.056	±	0.006
1,2,3,7,8,9-Hexachlorodibenzo-*p*-dioxin	0.053	±	0.007
1,2,3,4,6,7,8-Heptachlorodibenzo-*p*-dioxin	0.80	±	0.07
Octachlorodibenzo-*p*-dioxin	5.8	±	0.7
2,3,7,8-Tetrachlorodibenzofuran[c]	0.039	±	0.015[d]
1,2,3,7,8-Pentachlorodibenzofuran	0.045	±	0.007
2,3,4,7,8-Pentachlorodibenzofuran	0.045	±	0.004
1,2,3,4,7,8-Hexachlorodibenzofuran	0.22	±	0.03
1,2,3,6,7,8-Hexachlorodibenzofuran	0.09	±	0.01
2,3,4,6,7,8-Hexachlorodibenzofuran	0.054	±	0.006[e]
1,2,3,7,8,9-Hexachlorodibenzofuran	0.019	±	0.018[f]
1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.0	±	0.1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.040	±	0.006[e]
Octachlorodibenzofuran	1.0	±	0.1
Total Toxic Equivalents (TEQ)[g]	0.25	±	0.01
Total Tetrachlorodibenzo-*p*-dioxins	0.25	±	0.05[e]
Total Pentachlorodibenzo-*p*-dioxins	0.19	±	0.06
Total Hexachlorodibenzo-*p*-dioxins	0.63	±	0.09
Total Heptachlorodibenzo-*p*-dioxins	1.8	±	0.2
Total Tetrachlorodibenzofurans	0.7	±	0.2
Total Pentachlorodibenzofurans	0.74	±	0.07
Total Hexachlorodibenzofurans	1.0	±	0.1
Total Heptachlorodibenzofurans	1.5	±	0.1
Total Dibenzo-*p*-dioxins[h]	8.7	±	0.9
Total Dibenzofurans[h]	5.0	±	0.5

[a] Each reference value is the mean of the results from up to 14 laboratories participating in an interlaboratory exercise. The expanded uncertainty in the reference value is equal to $U = ku_c$, where u_c is the combined standard uncertainty calculated according to the ISO Guide [24] and k is the coverage factor. The value of u_c is intended to represent at the level of one standard deviation, the combined effect of all the uncertainties in the reference value. Here u_c is the uncertainty in the mean arising from the variation among the laboratory results. The degrees of freedom is equal to the number of available results minus one (13 unless noted otherwise). The coverage factor, k, is the value from a student's t-distribution for a 95 % confidence interval.

[b] Concentrations reported on dry-mass basis; material as received contains approximately 1.3 % moisture.

[c] Confirmation results using a 50 % cyanopropyl phenyl polysiloxane or 90 % *bis*-cyanopropyl 10 % cyanopropylphenyl polysiloxane phase columns.

[d] Degrees of freedom = 7 for this compound.

[e] Degrees of freedom = 12 for this compound.

[f] Degrees of freedom = 9 for this compound.

[g] TEQ is the sum of the products of each of the 2,3,7,8-substituted congeners multiplied by their individual toxic equivalency factors (TEFs) recommended by the North Atlantic Treaty Organization (NATO) [25]. With regard to 2,3,7,8-tetrachlorodibenzofuran, the results of the confirmation column were used when available to calculate the TEQ.

[h] Total of tetra- through octachlorinated congeners.

Table 10. Reference Values for Particle-Size Characteristics for SRM 1944

NOTE: These results are provided as reference values because the results are method specific as defined by the procedures described in the Preparation and Analysis section. Although bias has not been evaluated for the procedures used, the reference values should be useful for comparison with results obtained using similar procedures.

Particle Measurement	Value[a]
Mean diameter (volume distribution, MV, μm)[b]	151.2 ± 0.4
Mean diameter (area distribution, μm)[c]	120.4 ± 0.1
Mean diameter (number distribution, μm)[d]	75.7 ± 0.3
Surface Area (m^2/cm^3)[e]	0.050 ± 0.013

[a] The reference value is the mean value of measurements from the analysis of subsamples from four bottles. Each uncertainty, computed according to the CIPM approach as described in the ISO Guide [24], is an expanded uncertainty at the 95 % level of confidence, which includes random sources of uncertainty. The expanded uncertainty defines a range of values for the reference value within which the true value is believed to lie, at a level of confidence of 95 %.

[b] The mean diameter of the volume distribution represents the center of gravity of the distribution and compensates for scattering efficiency and refractive index. This parameter is strongly influenced by coarse particles.

[c] The mean diameter of the area distribution, calculated from the volume distribution with less weighting by the presence of coarse particles than MV.

[d] The mean diameter of the number distribution, calculated using the volume distribution weighted to small particles.

[e] Calculated specific surface area assuming solid, spherical particles. This is a computation and should not be interchanged with an adsorption method of surface area determination as this value does not reflect porosity or topographical characteristics.

The following data show the percent of the volume that is smaller than the indicated size:

Percentile	Particle Diameter (μm)[a]
95	296 ± 5
90	247 ± 2
80	201 ± 1
70	174 ± 1
60	152 ± 1
50[b]	135 ± 1
40	120 ± 1
30	106 ± 1
20	91 ± 1
10	74 ± 1

[a] The reference value for particle diameter is the mean value of measurements from the analysis of subsamples from four bottles. Each uncertainty, computed according to the CIPM approach as described in the ISO Guide [24], is an expanded uncertainty at the 95 % level of confidence, which includes random sources of uncertainty. The expanded uncertainty defines a range of values for the reference value within which the true value is believed to lie, at a level of confidence of 95 %.

[b] Median diameter (50 % of the volume is less than 135 μm).

Table 11. Reference Values for Total Organic Carbon and Percent Extractable Mass in SRM 1944

NOTE: These results are provided as reference values because the results are method specific as defined by the procedures described in the Preparation and Analysis section. Although bias has not been evaluated for the procedures used, the reference values should be useful for comparison with results obtained using similar procedures.

Total Organic Carbon (TOC)	4.4 % ± 0.3 % mass fraction[a,b]
Extractable Mass[c]	1.15 % ± 0.04 % mass fraction[a,d]

[a] Concentration is reported on a dry-mass basis; material as received contains approximately 1.3% moisture.
[b] The reference value for total organic carbon is an equally weighted mean value from routine measurements made by three laboratories. Each uncertainty, computed according to the CIPM approach as described in the ISO Guide [24], is an expanded uncertainty at the 95 % level of confidence, which includes random sources of uncertainty. The expanded uncertainty defines a range of values for the reference value within which the true value is believed to lie, at a level of confidence of 95 %.
[c] Extractable mass as determined from Soxhlet extraction using DCM.
[d] The reference value for extractable mass is the mean value of six measurements. Each uncertainty, computed according to the CIPM approach as described in the ISO Guide [24], is an expanded uncertainty at the 95 % level of confidence, which includes random sources of uncertainty. The expanded uncertainty defines a range of values for the reference value within which the true value is believed to lie, at a level of confidence of 95 %.

Table 12. Information Values for Concentrations for Selected Inorganic Constituents in SRM 1944 as Determined by INAA

NOTE: These results are provided as information values only because insufficient information is available to assess adequately the uncertainty associated with the value or only a limited number of analyses were performed.

Elements	Mass Fractions in percent (dry-mass basis)[a]
Magnesium[b]	1.0
	Mass Fractions in mg/kg (dry-mass basis)[a]
Antimony[b,c]	5
Cerium[c]	65
Europium[c]	1.3
Gold[c]	0.10
Lanthanum[c]	39
Thorium[c]	13
Uranium[c]	3.1

[a] Concentration is reported on a dry-mass basis; material as received contains approximately 1.3 % moisture.
[b] Measured at NIST using INAA.
[c] Measured at IAEA using INAA.

Table 13. Analytical Methods Used for the Analysis of SRM 1944 for Inorganic Constituents

Elements	Analytical Methods
Aluminum	FAAS, ICPAES, INAA, XRF
Antimony	GFAAS, HGAAS, ICP-MS, ID-ICPMS, INAA
Arsenic	GFAAS, HGAAS, ICPMS, INAA, XRF
Beryllium	GFAAS, ICP-AES, ICPMS
Bromine	INAA
Cadmium	FAAS, GFAAS, ICPMS, ID-ICPMS
Calcium	INAA
Cerium	INAA
Cesium	INAA
Chlorine	INAA
Chromium	FAAS, GFAAS, ICPMS, ID-ICPMS, INAA, XRF
Cobalt	INAA
Copper	FAAS, GFAAS, ICPAES, ICPMS, ID-ICPMS, XRF
Europium	INAA
Gold	INAA
Iron	FAAS, ICPAES, ICPMS, ID-ICPMS, INAA, XRF
Lanthanum	INAA
Lead	FAAS, GFAAS, ICPMS, ID-ICPMS, XRF
Magnesium	INAA
Manganese	FAAS, ICPAES, ICPMS, INAA, XRF
Mercury	CVAAS, ICPMS
Nickel	GFAAS, ICPAES, ICPMS, ID-ICPMS, INAA, XRF
Potassium	INAA
Rubidium	INAA
Scandium	INAA
Selenium	GFAAS, HGAAS, ICPMS, INAA
Silicon	FAAS, ICPAES, XRF
Silver	FAAS, GFAAS, ICPMS, INAA
Sodium	INAA
Thallium	GFAAS, ICPAES, ICPMS, ID-ICPMS
Thorium	INAA
Tin	GFAAS, ICPMS, ID-ICPMS
Titanium	INAA
Uranium	INAA
Vanadium	INAA
Zinc	FAAS, ICPAES, ICPMS, ID-ICPMS, XRF, INAA

Methods	
CVAAS	Cold vapor atomic absorption spectrometry
FAAS	Flame atomic absorption spectrometry
GFAAS	Graphite furnace atomic absorption spectrometry
HGAAS	Hydride generation atomic absorption spectrometry
ICPAES	Inductively coupled plasma atomic emission spectrometry
ICPMS	Inductively coupled plasma mass spectrometry
ID-ICPMS	Isotope dilution inductively coupled plasma mass spectrometry
INAA	Instrumental neutron activation analysis
XRF	X-ray fluorescence spectrometry

APPENDIX A

The analysts and laboratories listed below participated in the interlaboratory comparison exercise for the determination of polychlorinated dibenzo-*p*-dioxins and dibenzofurans in SRM 1944.

W.J. Luksemburg, Alta Analytical Laboratory, Inc., El Dorado Hills, CA
L. Phillips, Axys Analytical Services Ltd., Sidney, British Columbia, Canada
M.J. Armbruster, Battelle Columbus Laboratories, Columbus, OH
G. Reuel, Canviro Analytical Laboratories Ltd., Waterloo, Ontario, Canada
C. Brochu, Environment Québec, Laval, Québec, Canada
G. Poole, Environment Canada Environmental Technology Centre, Ottawa, Ontario, Canada
B. Henkelmann, GSF National Research Center for Environment and Health, Neuherberg, Germany
R. Anderson, Institute of Environmental Chemistry, Umeå University, Umeå, Sweden
C. Lastoria, Maxxam Analytics, Inc., Mississauga, Ontario, Canada
E. Reiner, Ontario Ministry of Environment and Energy, Etobicoke, Ontario, Canada
J. Macaulay, Research and Productivity Council, Fredericton, New Brunswick, Canada
T.L. Wade, GERG, Texas A&M University, College Station, TX
C. Tashiro, Wellington Laboratories, Guelph, Ontario, Canada
T.O. Tiernan, Wright State University, Dayton, OH

APPENDIX B

The analysts and laboratories listed below participated in the interlaboratory comparison exercise for the determination of trace elements in SRM 1944.

A. Abbgy, Applied Marine Research Laboratory, Old Dominion University, Norfolk, VA
A. Scott, Australian Government Analytical Laboratories, Pymble, Australia
H. Mawhinney, Animal Research Institute, Queensland Department of Primary Industries, Queensland, Australia
E. Crecelius, Battelle Pacific Northwest, Sequim, WA
M. Stephenson, California Department of Fish and Game, Moss Landing, CA
B. Presley, Department of Oceanography, Texas A&M University, College Station, TX
K. Elrick, U.S. Geological Survey, Atlanta, GA

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Users of this SRM should ensure that the certificate in their possession is current. This can be accomplished by contacting the SRM Program at: Telephone (301) 975-6776 (select "Certificates"), Fax (301) 926-4751, e-mail srminfo@nist.gov, or via the Internet http://ts.nist.gov/srm.

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Memo

To: Bill Sy, USEPA Region II
Elizabeth Butler, USEPA Region II

Cc: Paul Bluestein, Tierra Solutions, Inc.

From: Diane Waldschmidt, Environmental Data Services, Ltd.

Date: July 25, 2007

Subject: SRM 2007

Tierra has agreed to expand the performance evaluation (PE) sample program planned as a pre-mobilization task to be completed prior to sample collection activities associated with the Newark Bay Study Area Phase II RIWP. The PE program will be expanded to include representative congener PCBs, chlorinated pesticides, semi-volatile fraction organic compounds including polycyclic aromatic hydrocarbons, and metals in addition to the previously planned dioxin and furan PE constituents. This memorandum provides a description of the proposed PE quality assurance program and provides clarification of the following:

1. How PE samples will be submitted to the laboratories for analysis.
2. How PE sample analytical results will be evaluated.
3. What utility the PE evaluations will serve the project.

Analyses of solid PE samples containing certified concentrations of the constituents described above will be a pre-mobilization work element. As such, they will be submitted blind to the laboratory prior to initiation of sample collection activities. PE samples will be comprised of standard reference materials (SRMs) and/or certified reference materials (CRMs) (depending on availability of such materials) for a given constituent. PEs will represent a solid sample matrix, either sediment or soil, and will be purchased through commercial vendors. Potential vendors for SRMs/CRMs have been identified in Table 1. Details related to SRMs/CRMs selected for initial submission to project contract laboratories are provided in Tables 2 through 7. Please note that in most cases performance acceptance limits are derived based on inter-laboratory round robin

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studies. Acceptance ranges have been developed based on the 95% confidence interval applied as the range around the mean value produced for each constituent, using the analytical methods to be used in this study. The one exception is the SRM for Congener PCBs (NIST 1944), selected by the United States Environmental Protection Agency (USEPA) Region II for use in this program. Alternate vendors to those listed as primary in Table 1 will be utilized on an as needed basis in situations where non-conformances are identified after primary SRM/CRM results are evaluated.

Please note that although CRMs have been identified for semivolatile, chlorinated pesticides and metals constituents, certified reference values are provided by the vendor on a lot specific basis. Therefore, EDS cannot provide this specific information at this time.

Analytes contained in a given PE at certified concentrations must be positively identified and quantitated by the laboratory at concentrations within the certified acceptance range as explained in the attached tables. Successful analysis of PE samples is a pre-mobilization requirement. Therefore, non-conforming results will be specifically addressed by way of non-conformance memo, corrective action and a follow-up demonstration of acceptable results obtained upon submission of a second alternate blind PE identified in Table 1. When conforming results are obtained or once non-conforming results are addressed as described above, project tasks related to analyses for these constituents will commence.

The pre-mobilization submission and successful analysis of the above described analyte-specific PE samples will provide documentation of the laboratory's ability to proficiently analyze NBRIWP Phase II samples during the field effort. A report will be prepared at the conclusion of the PE quality assurance program. This report will contain a comparison of analytical results reported for certified constituents by the contract laboratory, the established acceptance ranges for each certified target constituent, and an indication of the laboratory's performance (i.e., success or failure) as explained in the attached tables. Copies of the SRM/CRM vendor certificates of analysis will also be included in the final report.

Table 1
Potential Vendors for SRMs/CRMs[1]

Dioxin/Furans Certified Known Concentrations	Dixoins/Furans Certified Low Concentrations	Semivolatile Organics	Pesticides	Metals	Congener PCBs
Wellington Laboratories (WMS-01)	*Cambridge Isotope Laboratories (EDF-5183)*	*Environmental Resource Associates (727)*	*Environmental Resource Associates (728)*	*Environmental Resource Associates (540)*	*NIST (1944*
Cambridge Isotope Laboratories (EDF-5184)		NIST (1944)	NIST (1944)	NIST (1944)	Cambridge Isotope Laboratories (EDF-5184)
NIST (1944)					

(1) The first row (also in italics) represents the SRM/CRM selected for primary evaluation in each category. Details for primary SRMs/CRMs are provided in Tables 2 thru 3.

Table 2
Wellington Laboratories
Reference Lake Sediment, WMS-01

Chlorinated Dibenzo-p-dioxins (PCDDs)	Certified Reference value (pg/g)
2,3,7,8-Tetrachlorodibenzo-p-dioxin	17.7 ± 5.6
1,2,3,7,8-Pentachlorodibenzo-p-dixoin	7.96 ± 2.8
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	8.66 ± 2.7
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	20.8 ± 4.8
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	17.3 ± 8.0
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	293 ± 63
Octachlorodibenzo-p-dioxin	1899 ± 456
Chlorinated Dibenzofurans (PCDFs)	
2,3,7,8-Tetrachlorodibenzofuran	52.5 ± 16
1,2,3,7,8-Pentachlorodibenzofuran	12.6 ± 5.0
2,3,4,7,8-Pentachlorodibenzofuran	18.5 ± 6.1
1,2,3,4,7,8-Hexachlorodibenzofuran	67.3 ± 24
1,2,3,6,7,8-Hexachlorodibenzofuran	20.3 ± 8.7
2,3,4,6,7,8-Hexachlorodibenzofuran	16 ± 8.0
1,2,3,4,6,7,8-Heptachlorodibenzofuran	299 ± 73
1,2,3,4,7,8,9-Heptachlorodibenzofuran	15.1 ± 4.6
Octachlorodibenzofuran	509 ± 157

Table 3
Cambridge Isotope Laboratories
EDF-5183

Compound	Assigned Value (ng/kg)	Reference Value (ng/kg)
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.11	0.11 ± 0.14
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.39	0.39 ± 0.32
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.12	1.12 ± 0.52
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	4.39	4.39 ± 0.88
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.00	2.00 ± 1.20
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	153	153 ± 57.2
Octachlorodibenzo-p-dioxin	7,870	7,870 ± 1,650
2,3,7,8-Tetrachlorodibenzofuran	0.70	0.70± 0.34
1,2,3,7,8-Pentachlorodibenzofuran	0.23	0.23 ± 0.22
2,3,4,7,8-Pentachlorodibenzofuran	0.34	0.34 ± 0.14
1,2,3,4,7,8-Hexachlorodibenzofuran	0.86	0.86 ± 0.44
1,2,3,6,7,8-Hexachlorodibenzofuran	0.58	0.58 ± 0.26
1, 2,3,7,8,9-Hexachlorodibenzofuran	0.12	0.12 ± 0.16
2,3,4,6,7,8-Hexachlorodibenzofuran	0.72	0.72 ± 0.92
1,2,3,4,6,7,8-Heptachlorodibenzofuran	13.9	13.9 ± 3.68
1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.25	1.25 ± 0.62
Octachlorodibenzofuran	58.2	58.2 ± 32.4

Table 4
Environmental Resource Associates
No. 727

Parameter	[1]Example of Certified Value (ug/Kg)	[1]Example of Performance Acceptance Limits (ug/Kg)
Acenaphthene	6550	2750 - 6960
Acenaphthylene	5470	1860 - 5470
Anthracene	7510	2900 - 7510
Benzo(a)anthracene	2840	1400 - 3150
Benzo(b)fluoranthene	< 500	----
Benzo(k)fluoranthene	2970	1350 - 3570
Benzo(g,h,i)perylene	951	411 - 1130
Benzo(a)pyrene	7130	2670 - 7130
4-Bromophenyl-phenylether	< 500	----
Butylbenzylphthalate	4940	2170 - 6010
Carbazole	< 500	----
4-Chloroaniline	< 500	----
Bis(2-Chloroethoxy)methane	1270	447 - 1380
Bis(2-Chloroethyl)ether	5860	1280 - 5860
Bis(2-Chloroisopropyl)ether	4730	1380 - 5230
2-Chloronaphthalene	< 500	----
4-Chloropheyl-phenylether	7140	3120 - 8180
Chrysene	3430	1670 - 4070
Dibenzo(a,h)anthracene	3580	1560 - 4250
Dibenzofuran	< 500	----
Di-n-butylphthalate	10300	4260 - 12400
3,3'-Dichlorobenzidine	< 500	----
Diethylphthalate	< 500	----
Dimethylphthalate	7770	3220 - 8430
2,4-Dinitrotoluene	3580	1200 - 3920
2,6-Dinitrotoluene	< 500	----
Di-n-ocytlphthalate	< 500	----
Bis(2-Ethylhexyl)phthalate	< 500	----
Fluoranthene	1530	730 - 1740
Fluorene	2020	915 - 2220
Hexachlorobenzene	3090	1410 - 3500
Hexachlorobutadiene	4010	1140 - 4060

1. Values presented are for example only. Actual Certified Values and Performance Acceptance Limits are lot specific and will be provided once CRMs are obtained.

Table 4 - Continued
Environmental Resource Associates
No. 727

Parameter	[1]Example of Certified Value (ug/Kg)	[1]Example of Performance Acceptance Limits (ug/Kg)
Hexachlorocyclopentadiene	< 500	----
Hexachloroethane	3180	633 - 3180
Indeno(1,2,3-cd)pyrene	< 500	----
Isophorone	< 500	----
2-Methylnaphthalene	< 500	----
Naphthalene	7460	2480 - 7640
2-Nitroaniline	< 500	----
3-Nitroaniline	< 500	----
4-Nitroaniline	< 500	----
Nitrobenzene	< 500	----
N-Nitrosodiphenylamine	< 500	----
N-Nitroso-di-n-propylamine	< 500	----
Phenanthrene	4110	2080 - 4800
Pyrene	< 500	----
1,2,4,5-Tetrachlorobenzene	< 500	----
4-Chloro-3-methylphenol	1320	423 - 1320
2-Chlorophenol	5050	1230 - 5050
2,4-Dichlorophenol	8070	2040 - 8070
2,4-Dimethylphenol	< 500	----
4,6-Dinitro-2-methylphenol	< 500	----
2,4-Dinitrophenol	< 500	----
2-Methylphenol	< 500	----
3 & 4-Methylphenol	< 500	----
2-Nitrophenol	3850	991 - 3850
4-Nitrophenol	2560	276 - 2670
Pentachlorophenol	< 500	----
Phenol	3640	894 - 3640
2,3,4,6-Tetrachlorophenol	< 500	----
2,4,5-Trichlorophenol	5700	1440 - 5700
2,4,6-Trichlorophenol	2010	564 - 2010

1. Values presented are for example only. Actual Certified Values and Performance Acceptance Limits are lot specific and will be provided once CRMs are obtained.

Table 5
Environmental Resource Associates
No. 540

Parameter	[1]Example of Certified Value (mg/Kg)	[1]Example of Performance Acceptance Limits (mg/Kg)
aluminum	7010	3560 - 10400
antimony	204	98.9 - 309
arsenic	95.5	74.7 - 116
barium	426	355 - 497
beryllium	62.6	53.7 - 71.5
cadmium	63.0	52.7 - 73.3
calcium	7470	6090 - 8850
chromium	99.0	80.5 - 117
cobalt	76.2	61.8 - 90.6
copper	87.8	73.3 - 102
iron	14600	8240 - 21000
lead	92.4	78.5 - 106
magnesium	2880	2180 - 3580
manganese	292	234 - 350
mercury	4.47	2.95 - 5.93
nickel	118	95.0 - 141
potassium	2580	1820 - 3340
selenium	161	123 - 199
silver	83.8	47.1 - 121
sodium	413	259 - 567
thallium	128	100 - 156
titanium	262	52.3 - 472
vanadium	106	79.2 - 133
zinc	232	193 - 271

1. Values presented are for example only. Actual Certified Values and Performance Acceptance Limits are lot specific and will be provided once CRMs are obtained.

Table 6
Environmental Resource Associates
No. 728

Parameter	[1]Example of Certified Value (ug/Kg)	[1]Example of Performance Acceptance Limits (ug/Kg)
Aldrin	302	151 - 381
alpha-BHC	373	170 - 480
beta-BHC	402	134 - 516
delta-BHC	210	92.1 - 264
gamma-BHC (Lindane)	175	78.5 - 231
alpha-Chlordane	211	103 - 263
gamma-Chlordane	264	127 - 321
4,4'-DDD	297	148 - 396
4,4'-DDE	309	156 - 399
4,4'-DDT	139	60.4 - 187
Dieldrin	301	150 - 387
Endosulfan I	117	52.0 - 135
Endosulfan II	130	53.1 - 138
Endosulfan sulfate	292	116 - 392
Endrin	286	156 - 388
Endrin aldehyde	357	72.0 - 383
Endrin ketone	355	155 - 458
Heptachlor	461	220 - 581
Heptachlor expoxide	141	73.7 - 186
Methoxychlor	326	96.7 - 464

1. Values presented are for example only. Actual Certified Values and Performance Acceptance Limits are lot specific and will be provided once CRMs are obtained.

Table 7
NIST
1944[1,2]

Compound	Assigned Value (ng/kg)
PCB-18	51,000
PCB-28	80,800
PCB-31	78,700
PCB-44	60,200
PCB-99	37,500
PCB-101/90	73,400
PCB-105	24,500
PCB-110	63,500
PCB-138/163/164	62,100
PCB-151	16,900
PCB-153	74,000
PCB-156	6,520
PCB-180	44,300
PCB-183	12,200
PCB-194	11,200
PCB-195	3,750
PCB-206	9,210
PCB-209	6,810

(1.) NIST - National Institute of Standards and Technology.
(2.) Reference values for the NIST 1944 SRM will be based on the following criteria set by USEPA Region II for use on the Newark Bay Study Area Phase II RIWP.
- Acceptance ranges will be +/- 30% of the assigned value listed in the table above.
- Up to three of the eighteen Congener PCBs listed above may have laboratory results fall outside the established acceptance range during implementation of this PE program so long as no individual result reported exceeds a limit of +/- 50% of its assigned value.

Appendix B

Normalized Data Results

B-1 TOC-Normalized Dioxins/Furans
B-2 TOC-Normalized Herbicides
B-3 Aluminum-Normalized Inorganic Compounds
B-4 Iron-Normalized Inorganic Compounds
B-5 TOC-Normalized Organotins
B-6 TOC-Normalized Congener PCBs
B-7 TOC-Normalized Pesticides
B-8 TOC-Normalized Semivolatile Organic Compounds
B-9 TOC-Normalized TPH
B-10 TOC Normalized Volatile Organic Compounds

Table B-1
TOC-Normalized Dioxins/Furans

Location ID			12A-0401-C2		12A-0401-C2		12A-0402-C4		12A-0402-C4		12A-0403-C1		12A-0403-C1		12A-0405-C2		12A-0405-C2		12A-0406-C2		12A-0406-C2	
Sample Name			12A-0401-C2BS		12A-0401-C2CS		12A-0402-C4BS		12A-0402-C4CS		12A-0403-C1BS		12A-0403-C1CS		12A-0405-C2BS		12A-0405-C2CS		12A-0406-C2BS		12A-0406-C2CS	
Date Collected			2/9/2012		2/9/2012		2/8/2012		2/8/2012		2/7/2012		2/7/2012		2/1/2012		2/1/2012		1/28/2012		1/28/2012	
Depth			0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5	
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
HasFieldDuplicate			N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	3000		1780		3880		6670		4100		1910		9690		11500		16200		25300			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	1610		34	U	3580		7810		16600		199		8380		9550		15600		15800			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	54.1		45	U	141		310		410		59.7	U	310		362		572		735			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	62.3		48.8	U	62.7		90		93.9		69.2	U	131		141		209		231			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	437		30.9	U	881		2000		4150		65.4		1770		2050		3060		3310			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	120		44.5	U	210		327		300		78.2	U	435		532		984		2250			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	129		31.8	U	230		463		924		30.7		478		537		859		1020			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	132		69.1		135		232		166		76.8		335		364		540		1140			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	28.9	U	35.8	U	10.9		13.3		22.7	U	52.6	U	9.79		18.8		17.2	U	18.1	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	45.4		59.6	U	56.2		85.4		127		105	U	113		125		206		299			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	65.7		32.2	U	76.3		118		320		48.8	U	151		184		321		398			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	70.3		35	U	176		299		454		47.9	U	340		436		643		994			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	151		31.7	U	287		492		766		46.2	U	502		575		1500		3600			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	13700		25		2500		3250		12400		102		3280		4050		6970		9820			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	120		40.3	U	183		235		417		61.6		297		348		759		2070			
OCDD	3268-87-9	ppt-TOC	72000		48800		39900		77000		83200		64500		109000		133000		172000		243000			
OCDF	39001-02-0	ppt-TOC	2060		71.6	U	6370		14100		23500		353		14800		16200		29500		34600			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	9710		6600		9330		15200		11300		6540		22100		25200		33400		52800			
Total HpCDF	38998-75-3	ppt-TOC	2300		39	U	5560		11500		21100		199		13000		15000		24300		27000			
Total HxCDD	34465-46-8	ppt-TOC	2550		2000		1980		2900		4170		1820		3890		4870		7760		18500			
Total HxCDF	55684-94-1	ppt-TOC	1660		33.3	U	3870		7420		13500		220		7960		9150		14100		19600			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	617		402		756		976		2340		258		1150		1330		2290		4230			
Total PeCDF	30402-15-4	ppt-TOC	1970		31.9	U	4360		6970		11800		149		8170		9950		15200		23600			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	14400		157		3770		5020		33200		286		5290		5990		10000		14100			
Total TCDF	55722-27-5	ppt-TOC	2900		97.1		4760		6830		15300		453		7510		9090		17800		28000			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

	Location ID		12A-0407-C3		12A-0407-C3		12A-0408-C3		12A-0408-C3		12A-0409-C7		12A-0409-C7		12A-0410-C2		12A-0410-C2		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001					
	Sample Name		12A-0407-C3BS		12A-0407-C3CS		12A-0408-C3BS		12A-0408-C3CS		12A-0409-C7BS		12A-0409-C7CS		12A-0410-C2BS		12A-0410-C2CS		08A-001-C1_(11.5-13.5)_N		08A-001-C1_(13.5-15.5)_N		08A-001-C1_(15.5-17.5)_N					
	Date Collected		1/26/2012		1/26/2012		2/3/2012		2/3/2012		2/6/2012		2/6/2012		2/6/2012		2/6/2012		11/20/2008		11/20/2008		11/20/2008					
	Depth		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		11.5-13.5		13.5-15.5		15.5-17.5					
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft					
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
Dioxins/Furans																												
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	8540		3150		26700		28900		7610		5390		31800		33700		8690		11500		14300					
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	10900		3100		29300		57400		6550		5360		34700		54400		20300		18700		26200					
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	387		129		1240		1800		257		194		1380		1750		413		348		591					
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	131		31		337		371		114		77.2		438		435		113		109		143					
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	2740		868		6760		14700		1570		1330		8300		14100		5270		4680		6940					
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	463		149		1780		2330		390		252		1860		2790		619		754		957					
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	652		266		1670		2900		428		346		2410		2960		1330		1090		1580					
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	292		107		906		1090		238		147		972		1350		300		420		562					
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	12	U	11.2	U	45.5	U	29	U	84		8.59		19.1	U	24.8	U	20	U	37.9	U	28.3					
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	118		45.1		478		680		87.4		57.8		542		704		163		114		162					
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	223		121		835		1120		158		124		1330		1160		426		406		566					
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	425		169		1250		1760		320		234		1890		1810		556		553		776					
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	665		275		2270		3200		501		372		3210		3370		668		597		890					
2,3,7,8-TCDD	1746-01-6	ppt-TOC	4000		1400		70500		150000		4340		2310		50300		149000		2560		7270		4410					
2,3,7,8-TCDF	51207-31-9	ppt-TOC	332		201		1860		2850		305		238		2470		2050		590		785		883					
OCDD	3268-87-9	ppt-TOC	95900		71800		297000		320000		82400		53200		321000		361000		94300		128000		152000					
OCDF	39001-02-0	ppt-TOC	17200		4170		57200		95200		11100		8230		59400		95100		29500		28900		49500					
PCB-209	2051-24-3	ppt-TOC																										
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																										
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																										
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																										
Total HpCDD	37871-00-4	ppt-TOC	19600		8080		55100		61200		20400		19900		70300		72300		21300		25900		34200					
Total HpCDF	38998-75-3	ppt-TOC	15300		4250		47500		80300		10300		7910		56300		78400		24800		25600		33100					
Total HxCDD	34465-46-8	ppt-TOC	4040		2080		14000		17900		3450		2780		16300		21600		5820		7060		8080					
Total HxCDF	55684-94-1	ppt-TOC	9960		3320		29300		50600		7330		5380		36600		49900		16000		14000		19600					
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																										
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																										
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																										
Total PeCDD	36088-22-9	ppt-TOC	1330		592		4410		6890		1030		747		6180		6470		1940		1590		2140					
Total PeCDF	30402-15-4	ppt-TOC	8720		3350		59000		81400		7130		5350		58700		93200		12500		14600		15900					
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																										
Total TCDD	41903-57-5	ppt-TOC	6540		2000		79400		173000		6220		5060		60900		166000		4600		9110		6410					
Total TCDF	55722-27-5	ppt-TOC	10100		4560		114000		144000		7830		6270		96900		145000		17700		16700		18200					
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																										
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																										

Table B-1
TOC-Normalized Dioxins/Furans

			Location ID	2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-002		2008 CLRC-002		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-004	
			Sample Name	08A-001-C1_(5.5-7.5)_N		08A-001-C1_(7.5-9.5)_N		08A-001-C1_(9.5-11.5)_N		08A-002-C1_(0.5-1.5)_N		08A-002-C1_(2.5-3.5)_N		08A-003-C1_(0.5-1.5)_N		08A-003-C1_(1.5-2.5)_N		08A-003-C1_(3.5-5.5)_N		08A-003-C1_(5.5-7.5)_N		08A-003-C1_(7.5-9.5)_N		08A-004-C1_(1.5-2.5)_N	
			Date Collected	11/20/2008		11/20/2008		11/20/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/25/2008	
			Depth	5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		2.5-3.5		0.5-1.5		1.5-2.5		3.5-5.5		5.5-7.5		7.5-9.5		1.5-2.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																									
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	5180		10300		10300		166	U	1770	U	4940		922		1900		1680	U	720	U	8020		
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	10400		18700		17200		26.4	U	114	U	10900		506		284		90.8	U	25.5	U	25300		
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	405		419		358		1.85	U	20.4	U	187		59.6	U	22.2		6.63	U	26.6	U	630		
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	56.9		107		117		2.71	U	30.1	U	52.2		12.9	U	27.9		23.7		27.5	U	88.2		
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	5550		5180		4210		17.2	U	49.1	U	3000		248		160		31.6	U	15.4	U	7750		
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	344		612		697		9.02		47.4	U	303		56.8		60.7		52.7		42.9	U	603		
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1080		1030		1020		6.05	U	11.3	U	741		78		65	U	24.5	U	15.9	U	1310		
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	208		388		397		3.28	U	35.9	U	208		80.7		107		98.7		33.1	U	343		
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	7.91	U	8.2	U	22	U	2.04	U	14.1	U	10.3		20.5	U	8.16	U	7.61	U	19	U	26.1	U	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	55.4		108		131		2.07	U	15.5	U	73.7		16.4	U	23.5		12	U	26	U	129		
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	187		305		397		10.9		9.35	U	282		60.2		66.7		6.27	U	14.9	U	303		
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	524		513		536		5.84	U	11.6	U	327		120		58.1	U	6.34	U	14.9	U	614		
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	363		596		642		12.5	U	8.83	U	400		96.6		72.2		22.9		13.4	U	788		
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1420		2250		3030		7.67	U	18	U	21100		23.5	U	34.2		11.4	U	25.8	U	2180		
2,3,7,8-TCDF	51207-31-9	ppt-TOC	286		495		612		29.2	U	141	U	338		125	U	189		64	U	32.9	U	448		
OCDD	3268-87-9	ppt-TOC	58200		114000		114000		3280		35300		80000		32000		87600		48900		21100		92000		
OCDF	39001-02-0	ppt-TOC	19600		33800		29300		44.2	U	306	U	13000		1300		483	U	166	U	135	U	55500		
PCB-209	2051-24-3	ppt-TOC																							
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																							
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																							
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																							
Total HpCDD	37871-00-4	ppt-TOC	12900		28200		25500		370	U	5000	U	14100		2550		6280		5870		2750	U	19400		
Total HpCDF	38998-75-3	ppt-TOC	13100		23300		22100		40.6	U	150	U	13300		807		421		144	U	69.7	U	29800		
Total HxCDD	34465-46-8	ppt-TOC	3400		6070		6880		48.6		1270		4040		894		1530		1710		623		4640		
Total HxCDF	55684-94-1	ppt-TOC	8480		13000		13800		44.7	U	135	U	8750		413		538		111	U	15.4	U	17400		
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																							
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																							
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																							
Total PeCDD	36088-22-9	ppt-TOC	851		1590		1850		2.07	U	15.5	U	867		16.4	U	251		74.8		26	U	933		
Total PeCDF	30402-15-4	ppt-TOC	5890		10600		12500		77.5		8.83	U	8510		596		641		64		13.4	U	10300		
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																							
Total TCDD	41903-57-5	ppt-TOC	2530		3910		5240		1.67	U	18	U	22200		23.5	U	83.8		97.4		25.8	U	4770		
Total TCDF	55722-27-5	ppt-TOC	8050		13000		18800		176	U	304	U	11700		649		748		46.6		32.9	U	10600		
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																							
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																							

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004	
		Sample Name	08A-004-C1_(11.5-13.5)_N		08A-004-C1_(13.5-15.5)_N		08A-004-C1_(15.5-17.5)_N		08A-004-C1_(17.5-19.1)_N		08A-004-C1_(3.5-5.5)_N		08A-004-C1_(5.5-7.5)_N		08A-004-C1_(7.5-9.5)_N	
		Date Collected	11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.1		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	13100		15300		1770		37100		917	U	7300		889	U
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	15900		23700		1460		11000		3650		14600		1190	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	378		548		51		263		79.8		324		24.6	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	116		158		21.9		122		24		75.7		8.16	U
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	4070		5630		485		2710		724		3390		292	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	861		1030		130		1480		49.1		450		52.5	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1050		1410		127		666		142		815		82.9	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	478		631		71.4		655		53.7		281		41.8	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	21.1		47.7		4.46	U	15.3		12.7	U	41.3		7.6	U
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	153		189		24.7		245		15.4	U	86.2		10.6	U
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	449		578		61.9		298		43.6		532		5.07	U
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	593		714		81.3		399		53.7		383		34.8	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	633		822		115		486		86.2		775		47.5	U
2,3,7,8-TCDD	1746-01-6	ppt-TOC	4650		4520		529		13100		347		2510		289	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	759		935		125		720		74.2	U	802		54.8	
OCDD	3268-87-9	ppt-TOC	134000		156000		15900		361000		8370		79100		7240	
OCDF	39001-02-0	ppt-TOC	28100		44700		4060		25600		4970		27100		2240	
PCB-209	2051-24-3	ppt-TOC														
Total Dichlorobiphenyl	25512-42-9	ppt-TOC														
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC														
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC														
Total HpCDD	37871-00-4	ppt-TOC	34600		35900		4550		102000		2370	U	33000		2430	U
Total HpCDF	38998-75-3	ppt-TOC	21600		29900		2140		16500		4080		17900		1510	
Total HxCDD	34465-46-8	ppt-TOC	7190		8970		845		14300		663		3800		404	
Total HxCDF	55684-94-1	ppt-TOC	13400		15800		1690		8330		1770		9660		912	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC														
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC														
Total Octachlorobiphenyl	55722-26-4	ppt-TOC														
Total PeCDD	36088-22-9	ppt-TOC	1680		1490		1640		1460		15.4	U	1090		54.8	
Total PeCDF	30402-15-4	ppt-TOC	13300		15900		1960		26900		1290		7830		770	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC														
Total TCDD	41903-57-5	ppt-TOC	6560		7340		878		15800		469		3690		391	
Total TCDF	55722-27-5	ppt-TOC	19400		20400		2770		53600		1590		8890		1160	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC														
Total Trichlorobiphenyl	25323-68-6	ppt-TOC														

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		2008 CLRC-004		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006	
	Sample Name		08A-004-C1_(9.5-11.5)_N		08A-005-C1_(1.5-2.5)_N		08A-005-C1_(3.5-5.5)_N		08A-005-C1_(5.5-7.5)_N		08A-005-C1_(7.5-9.5)_N		08A-005-C1_(9.5-11.5)_N		08A-006-C1_(11.5-13.5)_N		08A-006-C1_(13.5-15.5)_N		08A-006-C1_(15.5-16.9)_N			
	Date Collected		11/25/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/18/2008		11/18/2008		11/18/2008			
	Depth		9.5-11.5		1.5-2.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-16.9			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	21700		3650		11300		2020		16600		28100		1370	U	1400	U	807	U		
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	16800		4080		15200		9500		21500		27100		1450		464	U	821			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	455		110		312		215		482		1210		37.8		9.7		8.21	U		
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	148		50		118		29.5		151		221		8.7	U	15.8		8.43	U		
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	4090		1060		3260		2280		5260		6330		379		141		316			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1220		218		624		147		1140		2220		100		67.3		65.1			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1100		258		817		457		1380		1660		93.8		30.6		57.2			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	645		176		479		94.2		631		1030		63.7		82.4		41.6			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	21.2		8.18	U	14.8	U	14.3	U	22.7	U	126		10.5	U	9.09	U	8	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	200		36.1		122		33.1		195		353		8.15	U	9.7	U	15	U		
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	450		78.6		257		83.2	U	485		733		8.56	U	7.33	U	6.26	U		
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	657		163		472		177		719		1000		45.8		12.2		37.1			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	748		157		466		188		1030		1300		61.2		6.85	U	46.3			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	6980		1550		4400		741		6530		10700		1310		450		936			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	967		126		374		109		1080		1030		81.5	U	66.7	U	83.6	U		
OCDD	3268-87-9	ppt-TOC	235000		40600		129000		20100		174000		274000		27100	U	38100		11900	U		
OCDF	39001-02-0	ppt-TOC	30400		7890		28400		17900		37200		55200		2300		661	U	1450	U		
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	76000		8350		21800		4900		39400		64700		4200		5400		2220	U		
Total HpCDF	38998-75-3	ppt-TOC	24100		5600		19700		11000		28400		40700		1880		585		1170			
Total HxCDD	34465-46-8	ppt-TOC	14000		1850		5760		1330		9740		14700		1270		1570		665			
Total HxCDF	55684-94-1	ppt-TOC	12900		3100		9980		5670		15400		21200		1020		358		729			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	1590		227		844		251		2410		2380		53.8		311		15	U		
Total PeCDF	30402-15-4	ppt-TOC	15000		3420		11800		3110		18100		35700		1640		452		943			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	9630		2310		6440		1090		9230		15000		1630		539		1140			
Total TCDF	55722-27-5	ppt-TOC	22200		3950		12200		3170		22900		43200		2980		800		1770			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007	
	Sample Name		08A-006-C1_(3.5-5.5)_N		08A-006-C1_(5.5-7.5)_N		08A-006-C1_(7.5-9.5)_N		08A-006-C1_(9.5-11.5)_N		08A-007-C2_(0.5-1.5)_N		08A-007-C2_(11.5-13.5)_N		08A-007-C2_(13.5-15.5)_N		08A-007-C2_(15.5-17.5)_N		08A-007-C2_(3.5-5.5)_N			
	Date Collected		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008			
	Depth		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		11.5-13.5		13.5-15.5		15.5-17.5		3.5-5.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	3150		87.9	U	1130		868	U	10100		257	U	115	U	101	U	39.2	U		
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	1240		29.9	U	1530		1010		16300		160	U	82.6	U	262	U	12.9	U		
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	48.4	U	8.79	U	37.7	U	19.1		328		5.48	U	9.57	U	18.1		5.56	U		
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	41		6.03	U	9.09	U	7.04	U	117		12.7	U	6.03	U	7.14	U	3.59	U		
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	305		13.9		402		278		4430		52		27.7		42.6		3.64	U		
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	172		7.64	U	113		68.4		630		28.6		23		7.4	U	4.53	U		
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	92.9		6.12	U	101		78.3		991		19.8		4.96	U	21.4		3.95	U		
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	188		6.43	U	52.5		7.57	U	419		11.9	U	5.61	U	6.82	U	3.8	U		
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	13.4	U	6.62	U	10.1	U	8.16	U	13.4	U	8.23	U	5.03	U	5.54	U	4.49	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	36.4		11.5	U	8.73	U	13	U	120		16.1	U	11.8	U	13.4	U	9.38	U		
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	42.4		8.79	U	46.2		34.1		340		10.1	U	9.48	U	8.56	U	7.24	U		
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	52.5		5.94	U	47.9		43.1		539		8.39	U	4.6	U	20.9		3.86	U		
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	52.2	U	7.39	U	78.2		58.5		636		9.11	U	8.62	U	19.3		6.49	U		
2,3,7,8-TCDD	1746-01-6	ppt-TOC	450		19.7	U	842		914		5900		102		141		25.5		8.22	U		
2,3,7,8-TCDF	51207-31-9	ppt-TOC	108	U	17.6	U	74.5		112	U	590		96.8	U	87.9	U	82.8	U	6.18	U		
OCDD	3268-87-9	ppt-TOC	44900		1190	U	13200		10500	U	102000		4270	U	1380	U	574	U	604	U		
OCDF	39001-02-0	ppt-TOC	1240		72	U	2720		1610		27700		235	U	106	U	742	U	27.6	U		
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	10600		229	U	3100		2660		24000		746	U	217	U	223	U	72.4	U		
Total HpCDF	38998-75-3	ppt-TOC	1590		9.36	U	2020		1280		20700		220	U	116	U	287	U	5.56	U		
Total HxCDD	34465-46-8	ppt-TOC	5870		31.5		770		598		5690		28.6		88.8		7.14	U	3.59	U		
Total HxCDF	55684-94-1	ppt-TOC	1060		5.94	U	1100		704		13600		116	U	55.7	U	133		3.64	U		
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	1100		11.5	U	118		13	U	1370		16.1	U	11.8	U	50.3		9.38	U		
Total PeCDF	30402-15-4	ppt-TOC	812		7.39	U	1380		1010		12900		34.6		35.9		19.3		6.49	U		
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	894		19.7	U	1010		1070		7860		102		20.1		12.2	U	8.22	U		
Total TCDF	55722-27-5	ppt-TOC	1340		17.6	U	2130		1820		16200		25.6	U	134		41.5		6.18	U		
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008	
		Sample Name	08A-007-C2_(5.5-7.5)_N		08A-007-C2_(7.5-9.5)_N		08A-007-C2_(9.5-11.5)_N		08A-008-C1_(0.5-1.5)_N		08A-008-C1_(11.5-13.5)_N		08A-008-C1_(13.5-15.5)_N		08A-008-C1_(5.5-7.5)_N		08A-008-C1_(7.5-9.5)_N		08A-008-C1_(9.5-11.5)_N	
		Date Collected	11/19/2008		11/19/2008		11/19/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		11.5-13.5		13.5-15.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																				
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	68.8	U	1090	U	673	U	7610		14800		14200		10500		13200		16300	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	38.7	U	450	U	900		9530		13800		14100		16600		23800		24100	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	7.24	U	12.9	U	24.4		241		392		641		328		500		541	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	6.83	U	7	U	6.42	U	89		121		289		111		148		145	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	18.7		72.5		197		2650		3650		4240		4140		6080		5480	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	7.08	U	35.5		64		459		965		1730		658		841		1080	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	6.04	U	21.2		59.2		557		959		1000		1060		1460		1390	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	6.52	U	7.29	U	20.8		283		581		958		436		608		655	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	6.11	U	9.2	U	5.58	U	15.9	U	22.1		36.6		12.6	U	24.8		47.2	U
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	11.2	U	10.9	U	20.7		83.6		172		287		114		165		189	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	7.66	U	8.83	U	25.6		181		466		434		340		453		469	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	5.57	U	8.32	U	34.8		319		623		614		571		845		766	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	14.4		17.3		48.2		389		866		935		618		831		831	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	88.3		160		420		2790		6160		12400		7270		4800		6520	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	57.5	U	71.8	U	65.1	U	429		843		1020		564		672		855	
OCDD	3268-87-9	ppt-TOC	518	U	10900	U	9530	U	88500		170000		156000		124000		157000		189000	
OCDF	39001-02-0	ppt-TOC	44.2	U	2310		1320	U	20100		28000		37200		29100		29300		44500	
PCB-209	2051-24-3	ppt-TOC																		
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																		
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																		
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																		
Total HpCDD	37871-00-4	ppt-TOC	143	U	1880	U	1730	U	18000		37300		30600		25900		13200		41000	
Total HpCDF	38998-75-3	ppt-TOC	46.4	U	1190		1310		12700		19600		21400		21200		29500		30700	
Total HxCDD	34465-46-8	ppt-TOC	6.83	U	63.8		400		3560		8040		12600		5710		5710		9380	
Total HxCDF	55684-94-1	ppt-TOC	5.7	U	177		693		7920		12800		11700		11300		15900		15900	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																		
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																		
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																		
Total PeCDD	36088-22-9	ppt-TOC	11.2	U	10.9	U	136		752		2100		1750		1070		1480		1440	
Total PeCDF	30402-15-4	ppt-TOC	37.2		176		656		6890		14100		29300		9930		13200		15200	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																		
Total TCDD	41903-57-5	ppt-TOC	11.4	U	11.8	U	545		4290		7860		14700		8820		6110		9030	
Total TCDF	55722-27-5	ppt-TOC	103		131		873		8100		19100		55400		12700		18500		21400	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																		
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																		

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010	
		Sample Name	08A-009-C3_(1.5-2.5)_N		08A-009-C3_(11.5-12.6)_N		08A-009-C3_(3.5-5.5)_N		08A-009-C3_(5.5-7.5)_N		08A-009-C3_(7.5-9.5)_N		08A-009-C3_(9.5-11.5)_N		08A-010-C2_(11.5-13.5)_N		08A-010-C2_(13.5-15.5)_N		08A-010-C2_(15.5-17.5)_N		08A-010-C2_(17.5-19.5)_N		08A-010-C2_(19.5-21.75)_N	
		Date Collected	11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008	
		Depth	1.5-2.5		11.5-12.6		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.8	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	9530		29900		1920		8410		18400		16900		18600		21900		19700		25000		3300	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	16100		25500		2210		16100		19700		12000		20100		19400		12400		16300		2090	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	381		1020		59.5	U	315		457		331		446		620		500		436		65	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	100		162		19.9		76.3		152		94.1		146		142		133		152		23.1	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	4250		3500		722		3680		4980		2860		5160		4290		3390		4380		580	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	560		2020		142		573		1280		1450		1150		1370		1470		1860		288	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	841		1120		161		935		1210		756		1190		1170		860		1030		144	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	406		965		82.3	U	244		462		492		672		750		664		859		145	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	33.4	U	34.9		4.38	U	14.8	U	34.2		17		21.4		34.4		46.7		25.5		12.6	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	120		232		23.2		100		214		191		193		207		175		252		43.2	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	245		367		58.7		291		592		339		450		425		339		479		68	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	499		985		108		436		786		347		674		805		639		680		104	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	512		1090		110		492		1060		1390		882		1120		1340		1660		223	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	5290		7340		921		3210		6760		7830		6770		8540		7450		7680		1210	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	463		1310		89.6		514		1230		1420		839		984		1080		1310		172	
OCDD	3268-87-9	ppt-TOC	106000		480000		17400		85400		196000		181000		203000		242000		229000		280000		27700	
OCDF	39001-02-0	ppt-TOC	31700		136000		3550		27000		35400		25200		37400		42500		29200		37800		5110	
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	22600		67100		4680		20600		43700		39700		55800		59600		47300		61900		7150	
Total HpCDF	38998-75-3	ppt-TOC	21300		68100		3070		20100		27000		19100		26600		27200		19300		24600		3170	
Total HxCDD	34465-46-8	ppt-TOC	5100		16200		1030		5140		11200		10100		10800		11500		10500		13900		2040	
Total HxCDF	55684-94-1	ppt-TOC	11400		25200		2190		10700		15500		11100		17300		16500		13700		16700		2470	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	1370		3630		101		636		2860		1470		2560		2870		2610		3070		285	
Total PeCDF	30402-15-4	ppt-TOC	10700		18400		2170		9720		18300		17200		16500		17800		14700		20700		3460	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	7170		10600		1200		4670		9820		11800		8880		11600		10300		11100		1490	
Total TCDF	55722-27-5	ppt-TOC	11100		17800		2570		13200		27000		24200		21100		22400		20900		30300		5710	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	2008 CLRC-010		2008 CLRC-010		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011	
		Sample Name	08A-010-C2_(7.5-9.5)_N		08A-010-C2_(9.5-11.5)_N		08A-011-C1_(1.5-2.5)_N		08A-011-C1_(11.5-13.5)_N		08A-011-C1_(13.5-15.5)_N		08A-011-C1_(15.5-17.5)_N		08A-011-C1_(17.5-19.5)_N		08A-011-C1_(2.5-3.5)_N		08A-011-C1_(3.5-5.5)_N		08A-011-C1_(7.5-9.5)_N		08A-011-C1_(9.5-11.5)_N	
		Date Collected	12/8/2008		12/8/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008	
		Depth	7.5-9.5		9.5-11.5		1.5-2.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		2.5-3.5		3.5-5.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	1230		17400		596	U	1820		1810		1810		2150		232	U	305	U	646	U	1830	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	1870		26000		76.1	U	9.57	U	12.6	U	25.5	U	10.6	U	10.7	U	83.5	U	30.7	U	61	U
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	38.3		532		17.3	U	9.51	U	11.7	U	10	U	10.3	U	10.3	U	11.7	U	15.6	U	11	U
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	7.98	U	161		20.3	U	54.8		16.7	U	23.6	U	14.4	U	8.35	U	15.9	U	15	U	15.2	U
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	554		7480		13.6	U	9.32	U	9.46	U	13.9	U	11.6	U	7.38	U	11.5	U	6.55	U	8.24	U
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	88.6		1130		24.8	U	63.8		60.6		29.1	U	45.3		10.5	U	19.5	U	37.1	U	45.2	U
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	146		1750		14.6	U	10.2	U	10.4	U	14.3	U	12.6	U	8.08	U	12.6	U	7.23	U	8.78	U
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	39.6		668		21.3	U	123		96.5		114		87.1		8.84	U	16.7	U	21.8	U	139	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	8.81	U	29		15.7	U	12.8	U	12.5	U	17.7	U	14.1	U	8.76	U	14.1	U	8.24	U	10.2	U
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	14.4	U	174		20.7	U	15.2	U	20.7	U	17.6	U	20.1	U	13.9	U	18.4	U	12.9	U	11.3	U
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	47.9		592		21.4	U	9.51	U	12.2	U	12.2	U	16.3	U	11.2	U	13	U	5.99	U	4.78	U
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	60.4		803		13.7	U	10.5	U	10.2	U	14.7	U	12.2	U	7.41	U	12.4	U	6.96	U	9.3	U
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	79.5		1030		19.4	U	8.71	U	11.9	U	11.7	U	14.7	U	10.3	U	11.7	U	5.39	U	4.17	U
2,3,7,8-TCDD	1746-01-6	ppt-TOC	347		5670		24	U	19.6	U	19.5	U	19	U	22.7	U	16	U	21.1	U	7.86	U	7.36	U
2,3,7,8-TCDF	51207-31-9	ppt-TOC	61.1		852		17.2	U	15.8	U	12.4	U	11.6	U	21.1	U	12.3	U	14.9	U	60.2	U	6.14	U
OCDD	3268-87-9	ppt-TOC	11000		179000		18400		58300		60600		68800		95100		12400		8950		19900		52300	
OCDF	39001-02-0	ppt-TOC	3080		40800		167	U	30.7	U	24.1	U	31.2	U	28.1	U	30.1	U	846		78.6	U	378	U
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	2770		43000		2200	U	7300		7040		7430		8350		1020	U	844	U	2540		6900	
Total HpCDF	38998-75-3	ppt-TOC	2670		33700		76.1	U	9.57	U	12.6	U	10.4	U	10.6	U	10.7	U	83.5	U	14.7	U	153	U
Total HxCDD	34465-46-8	ppt-TOC	518		9230		595		2330		2100		2290		2540		275		207		855		2640	
Total HxCDF	55684-94-1	ppt-TOC	1730		21900		13.6	U	9.32	U	9.46	U	13.9	U	11.6	U	7.38	U	11.5	U	6.55	U	65.7	U
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	14.4	U	2270		20.7	U	348		286		187		129		13.9	U	18.4	U	41.1		105	
Total PeCDF	30402-15-4	ppt-TOC	1370		20000		19.4	U	8.71	U	11.9	U	11.7	U	14.7	U	10.3	U	11.7	U	5.39	U	4.17	U
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	448		8300		24	U	113		115		19	U	151		16	U	21.1	U	7.86	U	7.36	U
Total TCDF	55722-27-5	ppt-TOC	1520		22400		17.2	U	15.8	U	12.4	U	11.6	U	21.1	U	12.3	U	14.9	U	24.4		6.14	U
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

			Location ID		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-013		2008 CLRC-013	
			Sample Name		08A-012-C1_(11.5-13.5)_N		08A-012-C1_(2.5-3.75)_N		08A-012-C1_(5.5-7.5)_N		08A-012-C1_(7.5-9.5)_N		08A-012-C1_(9.5-11.5)_N		08A-013-C2_(0.5-1.5)_N		08A-013-C2_(1.5-2.5)_N	
			Date Collected		12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		11/17/2008		11/17/2008	
			Depth		11.5-13.5		2.5-3.8		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		1.5-2.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																		
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	17500		13600		10700		20500		1960		9010		8000			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	18300		18200		13700		30300		2660		20900		7120			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	452		416		306		562		57.6	U	500		193			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	124		152		121		106		18.8	U	85.8		78.6			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	4850		4860		3360		8350		745		4960		1840			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1170		756		710		1150		121		470		486			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1220		1140		855		1830		172		899		516			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	430		534		389		640		87.3		341		311			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	25.4	U	18.6		15.1	U	28.6	U	4.56	U	15.9	U	6.29	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	185		146		106		199		21.6	U	92.5		95.8			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	570		408		317		571		74.7		164		160			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	696		607		445		814		96.7		489		332			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	941		710		535		1030		134		448		345			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	5520		4160		4040		19600		651		3540		5040			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	954		534		548		694		134		291		242			
OCDD	3268-87-9	ppt-TOC	193000		138000		115000		186000		19500		104000		89000			
OCDF	39001-02-0	ppt-TOC	30900		28000		22900		29300		3690		44000		13600			
PCB-209	2051-24-3	ppt-TOC																
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																
Total HpCDD	37871-00-4	ppt-TOC	48500		32500		24700		91300		4720		21500		18000			
Total HpCDF	38998-75-3	ppt-TOC	24800		24500		18500		36600		3490		25900		10700			
Total HxCDD	34465-46-8	ppt-TOC	12100		7230		6040		36600		1300		3510		3450			
Total HxCDF	55684-94-1	ppt-TOC	10400		13800		10500		20300		2210		12200		7650			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																
Total PeCDD	36088-22-9	ppt-TOC	2800		1400		1100		3270		149		537		1000			
Total PeCDF	30402-15-4	ppt-TOC	16400		14100		10800		18300		2820		8170		7930			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																
Total TCDD	41903-57-5	ppt-TOC	8850		6120		5460		22900		963		5090		7030			
Total TCDF	55722-27-5	ppt-TOC	29800		15400		15100		23100		2930		8790		10300			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																

Table B-1
TOC-Normalized Dioxins/Furans

			Location ID	2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-014		2008 CLRC-014	
			Sample Name	08A-013-C2_(11.5-13.5)_N		08A-013-C2_(13.5-15.5)_N		08A-013-C2_(3.5-5.5)_N		08A-013-C2_(5.5-7.5)_N		08A-013-C2_(7.5-9.5)_N		08A-013-C2_(9.5-11.5)_N		08A-014-C1_(11.5-13.5)_N		08A-014-C1_(13.5-15.5)_N	
			Date Collected	11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		12/3/2008		12/3/2008	
			Depth	11.5-13.5		13.5-15.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		Y		Y		N		N		N	
Analyte	Cas No	Units		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																			
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC		1800		28000		11300		13400		15400		19300		389	U	979	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC		1150		31100		14700		23800		21200		20400		260		1190	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC		32.9	U	667		336		488		456		485		18.4		82.9	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC		21.8		157		142		141		143		159		2.34	U	21.9	U
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC		238		5270		3820		6310		5280		5150		62.9		370	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC		108		2310		614		845		984		1230		22		61.9	U
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC		82.9		1360		905		1610		1380		1350		55.2		203	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC		78.5		917		441		520		600		742		7.32		37.8	U
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC		6.44	U	29.3		24.1		28.7		27.8		36.6		2.6	U	11.1	U
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC		21.7		294		127		172		170		238		3.04	U	27.2	U
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC		34.2		518		298		487		456		548		24.8		141	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC		75.9		829		520		769		679		786		23.2		79	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC		62.1		1290		591		887		808		1170		21.2		126	
2,3,7,8-TCDD	1746-01-6	ppt-TOC		882		9720		3590		6360		5030		7290		2.4	U	194	
2,3,7,8-TCDF	51207-31-9	ppt-TOC		90.5		1010		566		627		678		1130		18.1	U	249	
OCDD	3268-87-9	ppt-TOC		17400		262000		125000		146000		163000		198000		4130	U	41200	
OCDF	39001-02-0	ppt-TOC		2130		75200		23400		36000		33900		38500		298	U	3130	
PCB-209	2051-24-3	ppt-TOC																	
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																	
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																	
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																	
Total HpCDD	37871-00-4	ppt-TOC		4000		59300		25200		29300		34700		43800		736	U	2690	
Total HpCDF	38998-75-3	ppt-TOC		1880		41600		19500		30200		27900		28000		571		1930	
Total HxCDD	34465-46-8	ppt-TOC		790		14400		5320		6290		7730		9930		111		917	
Total HxCDF	55684-94-1	ppt-TOC		1430		15100		12600		17600		17100		18100		371		1580	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																	
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																	
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																	
Total PeCDD	36088-22-9	ppt-TOC		119		3500		800		1370		2030		2640		28.8		438	
Total PeCDF	30402-15-4	ppt-TOC		1630		23300		11100		16500		15900		20600		258		1500	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																	
Total TCDD	41903-57-5	ppt-TOC		1260		13600		5110		8300		7220		10300		16.4		702	
Total TCDF	55722-27-5	ppt-TOC		2100		38400		13000		18300		22200		28000		216		3190	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																	
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																	

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015			
		Sample Name	08A-014-C1_(15.5-17.5)_N		08A-014-C1_(17.5-19.75)_N		08A-014-C1_(7.5-9.5)_N		08A-014-C1_(9.5-11.5)_N		08A-015-C2_(1.5-2.5)_N		08A-015-C2_(10.5-11.85)_N		08A-015-C2_(11.85-13.15)_N		08A-015-C2_(2.5-3.5)_N		08A-015-C2_(3.5-5.5)_N			
		Date Collected	12/3/2008		12/3/2008		12/3/2008		12/3/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008			
		Depth	15.5-17.5		17.5-19.8		7.5-9.5		9.5-11.5		1.5-2.5		10.5-11.9		11.9-13.1		2.5-3.5		3.5-5.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	1090		799		3010		561	U	9520		538	U	239	U	17700		10500			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	652		555		23300		748		9000		15.9	U	3.43	U	13200		12100			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	59.1	U	56.4		349		24.8		232		13.6	U	3.29	U	308		304			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	22.8	U	22.3	U	32.9		6.96	U	100		15.4	U	3.58	U	126		87.1			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	312		282		4860		145		2390		12.5	U	2.45	U	3580		4120			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	61.3	U	43.6	U	246		32.4		532		18.7	U	4.52	U	737		617			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	124		108		971		50.3		574		13.4	U	2.64	U	865		878			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	60.4	U	69.3		130		7.35	U	308		16	U	3.8	U	475		376			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	11.8	U	12.8	U	12	U	8.53	U	15.4	U	14.6	U	2.82	U	14.5	U	14	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	12.9	U	9.64	U	63.2		8.14	U	99		17.8	U	4.17	U	117		111			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	86.3		95.9		329		6.15	U	227		16.7	U	3.58	U	322		444			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	83.7		113		446		41.9		397		12.4	U	2.51	U	486		637			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	114		110		365		26.7		477		15.2	U	3.31	U	747		1450			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	142		46.3	U	10700		47		3020		24.7	U	6.18	U	3950		4600			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	243		159		153		30.9	U	329		15.9	U	4.99	U	680		1920			
OCDD	3268-87-9	ppt-TOC	49800		31800		26600		3670	U	100000		18300		7530		174000		97400			
OCDF	39001-02-0	ppt-TOC	3020		1980		43600		811		16000		32	U	12.7	U	22600		20300			
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	3000		2110		6820		1120		24200		1790		1000		40400		37000			
Total HpCDF	38998-75-3	ppt-TOC	1070		968		27900		1300		12800		15.9	U	3.43	U	18900		16800			
Total HxCDD	34465-46-8	ppt-TOC	936		738		2150		32.4		4440		373		237		6730		6590			
Total HxCDF	55684-94-1	ppt-TOC	1010		1020		15400		789		7480		12.5	U	2.45	U	10700		14300			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	233		191		821		8.14	U	818		17.8	U	4.17	U	3040		1380			
Total PeCDF	30402-15-4	ppt-TOC	1120		1080		9320		405		7480		15.2	U	3.31	U	11700		20400			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	476		253		16900		47		4820		24.7	U	26.2		5440		6010			
Total TCDF	55722-27-5	ppt-TOC	2220		1670		8060		75.5		12400		15.9	U	4.99	U	16100		29000			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

			Location ID	2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016	
			Sample Name	08A-015-C2_(5.5-7.5)_N		08A-015-C2_(7.5-8.35)_N		08A-015-C2_(8.35-10.5)_N		08A-016-C1_(11.5-13.5)_N		08A-016-C1_(13.5-15.5)_N		08A-016-C1_(15.5-17.5)_N		08A-016-C1_(17.5-19.12)_N		08A-016-C1_(5.5-7.5)_N	
			Date Collected	11/12/2008		11/12/2008		11/12/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008	
			Depth	5.5-7.5		7.5-8.4		8.4-10.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.1		5.5-7.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		N		N		N		N		N	
Analyte	Cas No	Units		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																			
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC		2700		190		486	U	16000		21200		27800		22900		8900	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC		2200		220		163	U	26400		14000		18000		18700		9580	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC		65		7.66		15.4	U	506		393		474		509		226	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC		24.5		3.01		13.9	U	136		158		174		173		114	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC		995		50		35.8	U	6370		3340		4470		4400		2330	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC		200		13.9		40.8	U	948		1410		1720		1770		502	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC		195		17.4		14	U	1600		860		1120		1050		622	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC		113		10.5		21.2	U	552		722		825		836		335	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC		6.2	U	0.596	U	16.8	U	22.3		19.9		32.8		32.4		9.92	U
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC		34.2		5.09		17.1	U	162		219		242		308		98.5	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC		184		9.73		9.46	U	485		357		517		445		198	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC		137		13.3		18.3	U	719		703		780		757		352	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC		740		13		9.12	U	927		1190		1850		1130		598	
2,3,7,8-TCDD	1746-01-6	ppt-TOC		2190		386		51.8		10800		11500		26200		16700		3090	
2,3,7,8-TCDF	51207-31-9	ppt-TOC		975		21		136	U	678		897		1380		842		371	
OCDD	3268-87-9	ppt-TOC		31500		3000		4310	U	202000		283000		397000		250000		98600	
OCDF	39001-02-0	ppt-TOC		6750		384		317	U	37600		29000		42500		44700		17100	
PCB-209	2051-24-3	ppt-TOC																	
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																	
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																	
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																	
Total HpCDD	37871-00-4	ppt-TOC		7550		468		848	U	41400		52100		73700		49200		19800	
Total HpCDF	38998-75-3	ppt-TOC		3400		361		163	U	33500		21700		27600		28100		13600	
Total HxCDD	34465-46-8	ppt-TOC		1590		140		228	U	7640		9880		13000		10900		3670	
Total HxCDF	55684-94-1	ppt-TOC		3030		213		12.9	U	19100		11800		18000		18100		8620	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																	
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																	
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																	
Total PeCDD	36088-22-9	ppt-TOC		253		75.7		17.1	U	1930		1550		3180		2190		898	
Total PeCDF	30402-15-4	ppt-TOC		7650		482		9.12	U	17200		18700		29300		28300		8120	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																	
Total TCDD	41903-57-5	ppt-TOC		2590		537		11.9	U	13200		14900		30100		21000		4280	
Total TCDF	55722-27-5	ppt-TOC		13800		771		70.2		22300		28000		47800		47900		9800	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																	
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																	

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	2008 CLRC-016		2008 CLRC-016		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017	
		Sample Name	08A-016-C1_(7.5-9.5)_N		08A-016-C1_(9.5-11.5)_N		08A-017-C1_(11.5-13.5)_N		08A-017-C1_(13.5-15.5)_N		08A-017-C1_(15.5-17.5)_N		08A-017-C1_(17.5-19.5)_N		08A-017-C1_(19.5-21.7)_N		08A-017-C1_(21.7-23.5)_N	
		Date Collected	12/1/2008		12/1/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.7		21.7-23.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																		
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	12500		1770		26900		19600		1050		792	U	667		245	U
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	18400		2430		56700		33800		731		255	U	770		286	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	374		69		1120		770		56.1		22.4	U	93.9		6.71	U
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	140		20.5		223		156		25.6		6.75	U	16.4	U	4.37	U
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	4520		732		14400		8690		318		36.9		320		78.3	U
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	653		114		2150		1420		83		42.8		49		15.3	U
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1100		200		3190		2020		133		5.53	U	112		18.8	U
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	414		55.8		998		719		89.8		7.19	U	33	U	11.6	U
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	18.7	U	4.47	U	44.6		53.1		15.3	U	5.58	U	11.4	U	5.98	U
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	150		24.2		591		336		39.3		7.58	U	17.5	U	4.08	U
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	303		55.7		925		653		121		5.64	U	99.8		7.14	U
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	556		93.4		1530		1160		99.3		5.53	U	93.1		9.75	U
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	567		110		1700		1140		130		5.44	U	107		9.13	U
2,3,7,8-TCDD	1746-01-6	ppt-TOC	4280		706		51300		31900		69.8		8.61	U	21.3	U	239	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	464		65.4		1320		1050		215		45.8	U	182		64.6	U
OCDD	3268-87-9	ppt-TOC	164000		17300		313000		219000		39300		6530	U	27900		3370	U
OCDF	39001-02-0	ppt-TOC	29800		4050		117000		80000		2030		686	U	2070		463	U
PCB-209	2051-24-3	ppt-TOC																
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																
Total HpCDD	37871-00-4	ppt-TOC	30700		4170		61200		41900		2870		1480	U	1740		522	U
Total HpCDF	38998-75-3	ppt-TOC	23400		3290		73300		46200		1050		831		1260		406	U
Total HxCDD	34465-46-8	ppt-TOC	5100		708		13900		9500		856		117		744		111	U
Total HxCDF	55684-94-1	ppt-TOC	13900		2070		45800		29900		931		358		1110		258	U
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																
Total PeCDD	36088-22-9	ppt-TOC	1490		146		5350		3200		291		7.58	U	210		4.08	U
Total PeCDF	30402-15-4	ppt-TOC	11700		2050		62200		38400		1270		5.44	U	1030		331	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																
Total TCDD	41903-57-5	ppt-TOC	6170		970		63000		39600		374		8.61	U	364		300	
Total TCDF	55722-27-5	ppt-TOC	12100		2070		114000		66900		2080		54.4		2100		417	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018			
	Sample Name		08A-017-C1_(3.5-5.5)_N		08A-017-C1_(5.5-7.5)_N		08A-017-C1_(7.5-9.5)_N		08A-017-C1_(9.5-11.5)_N		08A-018-C1_(1.5-2.5)_N		08A-018-C1_(11.5-13.5)_N		08A-018-C1_(3.5-5.5)_N		08A-018-C1_(5.5-7.5)_N			
	Date Collected		12/2/2008		12/2/2008		12/2/2008		12/2/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008			
	Depth		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		1.5-2.5		11.5-13.5		3.5-5.5		5.5-7.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																				
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	14700		17800		15300		24200		1320		386	U	7560		1310			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	33200		51000		30700		52200		2000		22.7	U	23800		1720			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	568		817		614		970		38.5	U	8.48	U	441		73.3			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	135		186		122		215		12.7		8.63	U	128		37.9			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	8920		13200		8950		13300		611		5.48	U	6160		484			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	902		1200		920		1810		73.5		14.4	U	1150		298			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	2130		3120		2120		2990		143		3.76	U	1540		239			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	547		688		522		914		46.3		21.7		564		153			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	18		33.9		34.6		48		3.13	U	5.18	U	28.3		7.94			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	201		248		185		371		16.9		5.59	U	346		85.9			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	547		869		515		914		55.9		3.11	U	640		56			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	911		1180		924		1390		79.6		4.16	U	1370		397			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1020		1490		990		1620		112		2.97	U	1470		126			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	5900		14400		9650		34100		561		13.6	U	24000		65.7			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	526		720		567		1370		110	U	53.7	U	1330		75.1			
OCDD	3268-87-9	ppt-TOC	167000		226000		136000		323000		13600		4920	U	72200		9860			
OCDF	39001-02-0	ppt-TOC	49900		74900		47400		96800		2330		27.4	U	29700		1870			
PCB-209	2051-24-3	ppt-TOC																		
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																		
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																		
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																		
Total HpCDD	37871-00-4	ppt-TOC	35000		47000		35100		60800		3590		882	U	16900		3060			
Total HpCDF	38998-75-3	ppt-TOC	40500		61200		36900		67400		2590		48.7	U	30200		2840			
Total HxCDD	34465-46-8	ppt-TOC	7050		10300		7920		13100		643		135		9520		2870			
Total HxCDF	55684-94-1	ppt-TOC	24900		38400		23100		34600		2060		15.9	U	21100		3650			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																		
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																		
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																		
Total PeCDD	36088-22-9	ppt-TOC	2160		2750		1460		4280		203		5.59	U	3810		1340			
Total PeCDF	30402-15-4	ppt-TOC	18600		30500		21400		51100		2300		2.97	U	46700		7040			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																		
Total TCDD	41903-57-5	ppt-TOC	8560		18100		13000		42800		809		4.88	U	28000		1550			
Total TCDF	55722-27-5	ppt-TOC	18900		37200		28000		77800		2890		13.1	U	64200		2810			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																		
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																		

Table B-1
TOC-Normalized Dioxins/Furans

			Location ID	2008 CLRC-018		2008 CLRC-018		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-020	
			Sample Name	08A-018-C1_(7.5-9.5)_N		08A-018-C1_(9.5-11.5)_N		08A-019-D1_(0.07-0.16)_N		08A-019-D1_(0.16-0.33)_N		08A-019-D1_(0.33-0.98)_N		08A-019-D1_(0.98-1.97)_N		08A-019-D1_(0-0.07)_N		08A-020-C2_(1.5-2.5)_N	
			Date Collected	11/10/2008		11/10/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		11/4/2008	
			Depth	7.5-9.5		9.5-11.5		0.1-0.2		0.2-0.3		0.3-1.0		1.0-2.0		0.0-0.1		1.5-2.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		N		N		N		N		N	
Analyte	Cas No	Units		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																			
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC		892		152	U	4620		2000		6870		21400		6200		12600	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC		724		12.9	U	4110		3470		7920		17800		6050		25800	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC		67	U	3.94	U	105		82.1		177		418		153		474	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC		14.8		4.77	U	37.4	U	15.8		64.5		130		62	U	76.9	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC		249		1.77	U	1170		994		2310		4840		1610		5620	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC		63.8		7.69	U	230		101		437		1420		353		1200	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC		152		1.87	U	279		171		528		1140		376		1300	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC		65.9		5.76	U	109		45.4		292		653		189		558	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC		8.38		2.42	U	7.39	U	5.83	U	8.16	U	31	U	13.5	U	27.9	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC		21.5		3.19	U	45.9		18.3	U	71.1		197		65.4		120	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC		59.5		1.69	U	96.1		42.8		149		392		131		365	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC		145		1.98	U	195		80.4		278		667		259		673	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC		70.3	U	1.67	U	210		121		312		1140		326		1290	
2,3,7,8-TCDD	1746-01-6	ppt-TOC		41.1	U	9.09	U	2390		827		2610		10300		3160		3120	
2,3,7,8-TCDF	51207-31-9	ppt-TOC		82.2	U	2.04	U	210		86.9		254		835		301		725	
OCDD	3268-87-9	ppt-TOC		22700		1120	U	55400		25600		73400		237000		72700		111000	
OCDF	39001-02-0	ppt-TOC		735		20.9	U	6890		8100		13800		33100		11600		48000	
PCB-209	2051-24-3	ppt-TOC																	
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																	
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																	
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																	
Total HpCDD	37871-00-4	ppt-TOC		2720		326	U	20300		4770		16100		70400		16800		29800	
Total HpCDF	38998-75-3	ppt-TOC		1140		13.6	U	6040		4630		10600		25100		8860		26400	
Total HxCDD	34465-46-8	ppt-TOC		1080		26.6		2270		756		3260		11700		3140		10000	
Total HxCDF	55684-94-1	ppt-TOC		1510		12.2	U	4830		2310		7290		14400		5130		14400	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																	
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																	
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																	
Total PeCDD	36088-22-9	ppt-TOC		315		3.19	U	569		141		772		2670		517		1470	
Total PeCDF	30402-15-4	ppt-TOC		1210		5.61	U	5420		2160		6510		20200		6640		14400	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																	
Total TCDD	41903-57-5	ppt-TOC		193		2.75	U	3540		1360		3760		13000		4610		4650	
Total TCDF	55722-27-5	ppt-TOC		1050		2.04	U	7030		3070		8000		29400		8490		13900	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																	
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																	

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021	
		Sample Name	08A-020-C2_(3.5-5.5)_N		08A-020-C2_(5.5-7.5)_N		08A-020-C2_(7.5-9.5)_N		08A-020-C2_(9.5-11.5)_N		08A-021-C1_(0.5-1.5)_N		08A-021-C1_(1.5-2.5)_N		08A-021-C1_(3.5-5.5)_N		08A-021-C1_(5.5-7.5)_N	
		Date Collected	11/4/2008		11/4/2008		11/4/2008		11/4/2008		11/6/2008		11/6/2008		11/6/2008		11/6/2008	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		1.5-2.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																		
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	13400		4760		651		361	U	11100		14100		35200		25900	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	31600		23500		1540		201		14200		22000		83200		298000	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	760		502		110		24.5	U	402		474		2550		3810	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	111		55.6		17.1		12.7		63.7		104		334		275	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	6920		6190		349		99.4		3440		5260		22000		57700	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1230		467		69.4		44		1010		938		3030		2130	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1420		1430		237		37.8	U	826		1280		4930		9970	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	527		223		54.5		32.6		452		495		1230		1030	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	27		7.31		13		10.4		68.3		33.6		97.3		71.9	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	217		147		29.7		10.9		93.9		155		1080		1140	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	625		322		90.8		39		235		400		2170		2520	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	786		830		168		33.4	U	552		731		2290		3300	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1010		576		108		42.5		950		818		2620		3580	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	37100		17500		218		64.5		2590		13600		2270000		452000	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1110		338		114		77.7		544		774		2670		3130	
OCDD	3268-87-9	ppt-TOC	165000		44300		13000		10400		113000		172000		500000		280000	
OCDF	39001-02-0	ppt-TOC	67600		33500		1820		463		33100		47400		182000		917000	
PCB-209	2051-24-3	ppt-TOC																
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																
Total HpCDD	37871-00-4	ppt-TOC	31200		10700		1620		956		27400		37200		84800		59400	
Total HpCDF	38998-75-3	ppt-TOC	41800		32000		2560		358		18500		7490		112000		340000	
Total HxCDD	34465-46-8	ppt-TOC	8100		2740		699		428		9330		8030		21700		19000	
Total HxCDF	55684-94-1	ppt-TOC	18100		16700		2290		370		10400		19400		54500		122000	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																
Total PeCDD	36088-22-9	ppt-TOC	2130		2420		222		132		765		1830		11900		15100	
Total PeCDF	30402-15-4	ppt-TOC	33600		19500		2620		437		9830		20500		114000		125000	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																
Total TCDD	41903-57-5	ppt-TOC	41200		28200		445		191		3830		16200		2330000		571000	
Total TCDF	55722-27-5	ppt-TOC	65300		17900		2040		789		11500		30800		307000		257000	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																

Table B-1
TOC-Normalized Dioxins/Furans

			Location ID	2008 CLRC-021		2008 CLRC-021		AK001		AK001		AK001		AK001		AK001		AK02SED087		AK02SED087		AK02SED087		AK02SED087	
			Sample Name	08A-021-C1_(7.5-9.5)_N		08A-021-C1_(9.5-11.4)_N		6JMS00001		6JMS00002		6JMS00003		6JMS00004		6JMS00005		AK02SED087C-01		AK02SED087C-02		AK02SED087C-03		AK02SED087C-04	
			Date Collected	11/6/2008		11/6/2008		9/22/1998		9/22/1998		9/22/1998		9/22/1998		9/22/1998		11/27/2007		11/27/2007		11/27/2007		11/27/2007	
			Depth	7.5-9.5		9.5-11.4		0.0-1.6		1.6-2.0		2.0-3.3		3.3-4.3		4.3-6.2		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																									
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	80600		11200		41000		32500		11400		5920		3410		14600		14100		14100		19600		
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	62800		45200		28700		21300		11400		3690		4050		8420		8260		8250		10800		
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	2070		632		2780		3100		765		281		363		746		728		751		1000		
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	2710		95.8		447		144		108		84.2		51.1		208		183		193		214		
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	13800		4750		4500		3000		1340		517		558		1640		1620		1650		2060		
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	9710		877		2270		968		506		222		161		916		897		921		1240		
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	5050		1670		2170		1460		614		383		383		723		710		656		961		
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	6670		352		1560		668		559		292		186		575		554		560		678		
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	159		47.3		230		223		63.7		21.7		40.3		65.6	U	315		349		86.2		U
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	2810		149		390		154		84.1		53.1		40.8		177		161		174		224		
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	1280		493		1150		660		318		164		180		578		498		593		715		
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	3030		1650		1590		510		347		199		181		534		484		517		615		
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1380		744		1440		423		355		196		192		565		455		433		597		
2,3,7,8-TCDD	1746-01-6	ppt-TOC	3350		189		2400		2230		339		18.3		94.7	U	588		683		1200		1200		
2,3,7,8-TCDF	51207-31-9	ppt-TOC	708		480		1800		398		367		239		272		601		600		854		896		
OCDD	3268-87-9	ppt-TOC	391000		129000		447000		515000		178000		200000		85500		175000		164000		161000		193000		
OCDF	39001-02-0	ppt-TOC	17200		37600		37500		40300		13900		3310		4700		14400		14200		14800		19700		
PCB-209	2051-24-3	ppt-TOC																							
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																							
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																							
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																							
Total HpCDD	37871-00-4	ppt-TOC	310000		24800		90000		81300		26900		16100		8340		34400		32400		30600		39500		
Total HpCDF	38998-75-3	ppt-TOC	82700		69200		57000		50000		22900		6170		7090		15700		15100		15500		19300		
Total HxCDD	34465-46-8	ppt-TOC	404000		7100		21000		8930		5310		3920		2190		10300		10200		10100		12300		
Total HxCDF	55684-94-1	ppt-TOC	66700		26000		32300		19200		11600		4690		4950		11600		11000		11400		13900		
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																							
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																							
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																							
Total PeCDD	36088-22-9	ppt-TOC	118000		1310		8400		1870		1280		939		508		3080		3130		3490		4030		
Total PeCDF	30402-15-4	ppt-TOC	47200		28700		19300		6900		5000		2430		2500		11700		11000		12100		14100		
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																							
Total TCDD	41903-57-5	ppt-TOC	237000		1070		10400		3080		1000		464		205		3380		3280		4400		4970		
Total TCDF	55722-27-5	ppt-TOC	40500		11300		27500		6500		5310		2780		2880		14700		14500		17900		20100		
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																							
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																							

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK999		AK999		AKA07	
		Sample Name	AK02SED087C-05		AK02SED087C-06		AK02SED087C-07		AK02SED087C-08		AK02SED087C-09		AK02SED087C-10		1JMS00115		1JMS00158		1JMS00008	
		Date Collected	11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		6/23/2000		8/30/2000		7/13/1999	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-14.5		0.0-0.3		0.0-0.3		0.0-0.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																				
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	27800		24200		29800		30700		5280		3680		18500		21500		9570	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	13200		13900		20000		24700		8780		11600		8680		10400		3700	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	1380		1400		2330		5960		1610		2810		640		808		370	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	322		355		502		520		314		96.8		156		212		71	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	2660		2840		4620		13500		2370		1910		2280		2540		1020	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1690		1760		2180		2160		553		250		882		1020		306	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1340		1560		2150		5340		1100		1250		654		878		340	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	843		905		1150		1030		281		141		612		785		309	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	644		220		1360		418	U	689		622		59.7		97	U	29.3	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	310		346		430		416		302		91.3		122		231		58.6	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	976		1110		1810		7560		1250		517		398		508		262	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	917		1110		1330		1910		367		806		697		624		340	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	907		1030		1360		5020		599		358		626		762		309	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1730		1230		1660		2220		405		205		683		1250		401	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1520		1610		2260		8810		1420		824		1420		1990		556	
OCDD	3268-87-9	ppt-TOC	262000		223000		294000		340000		85900		68300		185000		231000		145000	
OCDF	39001-02-0	ppt-TOC	24400		25100		38800		48400		34600		32800		14200		16400		9570	
PCB-209	2051-24-3	ppt-TOC																		
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																		
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																		
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																		
Total HpCDD	37871-00-4	ppt-TOC	56600		46900		56500		69500		11100		8570		38400		48500		24700	
Total HpCDF	38998-75-3	ppt-TOC	24100		23800		34300		48000		16700		22300		9250		22400		7100	
Total HxCDD	34465-46-8	ppt-TOC	15800		16700		21500		27300		5020		2720		8250		11100		3400	
Total HxCDF	55684-94-1	ppt-TOC	18300		19400		26500		54300		12500		12700		9530		11500		4010	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																		
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																		
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																		
Total PeCDD	36088-22-9	ppt-TOC	4890		5810		7960		8900		3130		1140		1100		2150		679	
Total PeCDF	30402-15-4	ppt-TOC	18900		21400		28900		60800		15000		9420		8680		10900		3700	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																		
Total TCDD	41903-57-5	ppt-TOC	6960		6980		9490		9670		2700		1220		2700		4390		1790	
Total TCDF	55722-27-5	ppt-TOC	27400		30400		38100		73500		15700		9070		11000		14300		5560	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																		
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																		

Location ID			ARK07		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED084		ER02SED084		ER02SED084		
Sample Name			1JMS00151		ER02SED083G-01		ER02SED083G-02		ER02SED083G-03		ER02SED083G-04		ER02SED083G-05		ER02SED083G-06		ER02SED084D-01		ER02SED084D-02		ER02SED084D-03		
Date Collected			8/30/2000		12/3/2007		12/3/2007		12/3/2007		12/3/2007		12/3/2007		12/3/2007		11/30/2007		11/30/2007		11/30/2007		
Depth			0.0-0.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		0.0-0.5		0.5-1.5		1.5-2.5		
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		
HasFieldDuplicate			N		N		N		N		N		N		N		N		N		N		
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																							
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	18900		17000		429000		88400		74300		11700		2110		4910		10100		6500		
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	9650		5340		76300		16300		11700		1120		150	U	1850		4110		2430		
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	618		342		3860		882		819		43.6		93.8	U	103		227		151		
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	309		152		549		363		337		32.9		90	U	70.3		126		74.5		
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	2390		757		1760		1650		823		46.4		58.3	U	220		621		407		
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1040		708		10700		2260		2160		236		219	U	209		431		296		
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	811		406		2280		815		484		38.1		58.3	U	128		300		186		
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	849		371		4310		912		788		84.8		208	U	165		296		172		
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	181	U	34.1	U	445		42.5	U	73	U	9.97		75	U	12.2		5.56	U	13		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	247		148		372		353		438		30.9		60.9	U	49.3		95		60.1		
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	425		229		666		421		249		27.9	U	73.4	U	59.2		141		106		
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	811		311		907		637		570		52.9		61.1	U	95.3		227		152		
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	695		364		619		554		393		42.9		68.1	U	82		185		150		
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1510		425		894		3500		1580		173		61.3	U	213		290		182		
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1780		409		546		598		500		27.7		64.8	U	85.2		175		161		
OCDD	3268-87-9	ppt-TOC	220000		225000		3160000		918000		675000		137000		72900		50600		107000		66500		
OCDF	39001-02-0	ppt-TOC	14300		13300		463000		76800		49800		6090		787	U	3250		7070		4010		
PCB-209	2051-24-3	ppt-TOC																					
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																					
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																					
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																					
Total HpCDD	37871-00-4	ppt-TOC	46300		31800		648000		159000		117000		18500		4910		10400		22400		14500		
Total HpCDF	38998-75-3	ppt-TOC	19300		12000		368000		51300		42200		3980		174	U	3720		7970		4770		
Total HxCDD	34465-46-8	ppt-TOC	11600		5720		54000		15900		12500		1170		704		1830		3620		2500		
Total HxCDF	55684-94-1	ppt-TOC	11200		6890		87600		18700		11700		855		63.4	U	2740		6210		4080		
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																					
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																					
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																					
Total PeCDD	36088-22-9	ppt-TOC	2010		1600		7950		3850		4980		233		124	U	512		1060		807		
Total PeCDF	30402-15-4	ppt-TOC	10400		6360		18000		12500		7240		408		70.6	U	2360		5610		4260		
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																					
Total TCDD	41903-57-5	ppt-TOC	5790		1800		4600		6470		7060		319		88.7	U	630		1090		779		
Total TCDF	55722-27-5	ppt-TOC	15100		7090		16400		15400		11300		439		107	U	1740		4640		3720		
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																					
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																					

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		G0000056		G0000175		G0000177		G0000178	
		Sample Name	ER02SED084D-04		ER02SED084D-05		ER02SED084D-06		ER02SED084D-07		ER02SED084D-08		LPRP-SCSH-PSR-001597		LPRP-SCSH-PSR-001678		LPRP-SCSH-PSR-001683		LPRP-SCSH-PSR-001685	
		Date Collected	11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		12/11/2007		6/10/2008		6/10/2008		6/10/2008	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.1		0.0-0.1		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																				
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	12700		11200		10400		1270		4910		8440		8200		10000		8420	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	5110		5060		5100		68.2		74.6	U	11500		6450		15900		7660	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	325		338		304		11.3	U	43.1	U	379		247		562		286	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	153		128		113		25.5		103	U	173		129		162		120	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	784		874		805		15.8		34	U	3420		1310		4410		1730	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	620		544		542		37.5		103	U	513		432		584		451	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	392		370		436		4.93		36.3	U	795		391		900		465	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	361		317		287		54.5		272		420		331		456		350	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	50.1	U	51.1	U	130		8.88	U	59.9	U	18.1	U	11.2		17.6		12	U
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	136		123		115		13.1		57.8	U	145		90.6		149		97.5	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	221		241		200		17.5	U	66.8	U	286		138		284		164	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	309		335		282		12		42.8	U	449		218		377		242	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	297		338		287		22.9		65.5	U	569		252		609		320	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	418		332		366		16.1		55.2	U	3910		3190		3520		3260	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	299		340		236		22.2		80.6	U	357		266		477		303	
OCDD	3268-87-9	ppt-TOC	146000		142000		131000		44700		104000		83500		85900		113000		96000	
OCDF	39001-02-0	ppt-TOC	9450		9240		8800		93.6		147	U	17800		11700		29000		13500	
PCB-209	2051-24-3	ppt-TOC											56900							
Total Dichlorobiphenyl	25512-42-9	ppt-TOC											583000							
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC											1640000							
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC											3370000							
Total HpCDD	37871-00-4	ppt-TOC	26600		23200		18900		4000		12200		18700		17700		22800		20200	
Total HpCDF	38998-75-3	ppt-TOC	10200		9970		9900		122		78	U	15700		10300		21300		12000	
Total HxCDD	34465-46-8	ppt-TOC	4940		4630		4470		1430		4090		4670		3480		5870		3850	
Total HxCDF	55684-94-1	ppt-TOC	8550		8660		8810		124		42.5	U	11200		6520		13100		7430	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC											36800							
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC											134000							
Total Octachlorobiphenyl	55722-26-4	ppt-TOC											487000							
Total PeCDD	36088-22-9	ppt-TOC	1640		1630		1450		160		384		1270		1010		1950		1080	
Total PeCDF	30402-15-4	ppt-TOC	8880		9170		9330		178		66.4	U	10200		6330		10100		6930	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC											4040000							
Total TCDD	41903-57-5	ppt-TOC	1650		1700		1770		62.5		823		6120		4940		7120		5220	
Total TCDF	55722-27-5	ppt-TOC	7790		7910		10200		186		80.6	U	10300		7560		12400		8130	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC											5070000							
Total Trichlorobiphenyl	25323-68-6	ppt-TOC											2920000							

			Location ID		G0000179		G0000180		G0000180		G0000181		G0000181		G0000183		G0000185		G0000187	
			Sample Name		LPRP-SCSH-PSR-001687		LPRP-SCSH-PSR-001690		LPRP-SCSH-PSR-001691		LPRP-SCSH-PSR-001692		LPRP-SCSH-PSR-001693		LPRP-SCSH-PSR-001697		LPRP-SCSH-PSR-001702		LPRP-SCSH-PSR-001707	
			Date Collected		6/10/2008		6/9/2008		6/9/2008		6/9/2008		6/9/2008		6/9/2008		6/9/2008		6/10/2008	
			Depth		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.1		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																				
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	3950		9550		7500		7440		8730		11400		10400		11400	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	2020		27500		11700		7990		7750		15200		11500		16000	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	97.6		1020		440		314		307		533		404		582	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	62.3		164		108		119		138		163		226		186	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	544		8080		3190		1990		1710		3980		2640		4080	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	168		571		411		378		493		677		741		685	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	124		1430		662		473		460		933		657		859	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	201		438		330		320		406		489		497		526	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	22	U	15.6		13	U	9.81		13.6	U	24.9		13.1		17.7	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	51.6		139		99.6		86.8		101		171		168		169	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	61.7		290		194		131		137		353		236		254	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	82		545		278		223		247		432		325		423	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	123		875		436		275		271		622		455		577	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1200		3080		2320		3100		3530		7650		4420		6130	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	107		397		321		254		322		583		393		460	
OCDD	3268-87-9	ppt-TOC	83200		102000		82700		84100		102000		122000		105000		126000	
OCDF	39001-02-0	ppt-TOC	3630		52700		21100		14700		17700		25400		21000		27500	
PCB-209	2051-24-3	ppt-TOC																
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																
Total HpCDD	37871-00-4	ppt-TOC	11100		23900		19000		16900		19800		25900		23600		25600	
Total HpCDF	38998-75-3	ppt-TOC	3020		34800		16100		11900		12100		21900		17200		22600	
Total HxCDD	34465-46-8	ppt-TOC	2870		5200		3880		3300		4230		6070		5720		5850	
Total HxCDF	55684-94-1	ppt-TOC	1920		20100		9580		7250		7260		13900		10800		13800	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																
Total PeCDD	36088-22-9	ppt-TOC	183		1840		1050		976		907		2040		1660		1810	
Total PeCDF	30402-15-4	ppt-TOC	2200		12300		7260		6130		6110		14100		9650		11500	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																
Total TCDD	41903-57-5	ppt-TOC	1890		6410		4340		4940		6050		11600		7010		9460	
Total TCDF	55722-27-5	ppt-TOC	3500		11600		8540		7320		8960		19300		11300		14200	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	G0000188		G0000191		HKA05		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED069		HR01SED069	
		Sample Name	LPRP-SCSH-PSR-001709		LPRP-SCSH-PSR-001715		1JMS00003		HR01SED067B-01		HR01SED067B-02		HR01SED067B-03		HR01SED067B-04		HR01SED067B-05		HR01SED067B-06		HR01SED069C-01		HR01SED069C-02	
		Date Collected	6/10/2008		6/10/2008		7/13/1999		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005	
		Depth	0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	8390		9640		30800		518		256		500		988		745		726		1920		1900	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	14200		24500		350000		584		54.3		146		22		8.73		5.46	U	36900		175	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	503		738		6840		20.1		2.5	U	4.09	U	2.21	U	1.97	U	1.51	U	1380		30.8	U
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	127		118		479		9.64		6.84		13.5		22.2		20.6		16.2		61.8		81.5	U
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	4190		6630		94000		143		11.8		27.2		6.97		3.58	U	2.22	U	12600		58.3	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	500		452		1970		24.2		11.8		21.2		35.2		27.8		25.6		166		82	U
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	950		1290		17900		38.1		4.24		10.7		2.46		2.1	U	2.18	U	1810		32.8	U
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	385		331		1620		22.3		17.2		30.7		55.9		47.6		40.8		123		91.5	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	23.6		14.3	U	120	U	7.64		1.08	U	1.98	U	1.64	U	1.94	U	1.11	U	420		28.3	U
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	132		129		453		7.63		4.57		7.68		12.4		11.5		8.28		53.3		51	U
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	501		350		2740	U	18.2		4.25		5.63		2.22		5.73	U	3.49	U	234		42.8	U
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	413		452		9400	U	20.1		2.56		5.75		2.08	U	2.26	U	1.51	U	573		18.6	U
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	794		675		6750		32.5		4.5		7.48		2.84		5.12	U	3.28	U	1420		38	U
2,3,7,8-TCDD	1746-01-6	ppt-TOC	5150		5670		12800		38		7.12		5.95		4.93	U	4.91	U	4.92	U	297		27.8	U
2,3,7,8-TCDF	51207-31-9	ppt-TOC	861		437		4790	U	27.5		5.12		5.78		2.76		1.44	U	2.35	U	171		25	U
OCDD	3268-87-9	ppt-TOC	92800		120000		282000		8950		6660		13000		27100		18500		19600		42200		62300	
OCDF	39001-02-0	ppt-TOC	22600		47200		556000		881		47.3		52.8		32.4		14		9.64	U	73000		338	
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	20300		25600		79500		1300		779		1570		3250		2570		2590		6010		7030	
Total HpCDF	38998-75-3	ppt-TOC	19200		33700		496000		745		54.3		175		22		8.73		5.46	U	42200		175	
Total HxCDD	34465-46-8	ppt-TOC	4870		4560		22200		456		359		638		1380		1260		1170		2520		2730	
Total HxCDF	55684-94-1	ppt-TOC	13000		17300		197000		442		48		118		25.6		10.2		6.62		24200		58.3	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	1530		1580		4100		148		71.6		135		285		299		240		1040		630	
Total PeCDF	30402-15-4	ppt-TOC	12800		12600		78600		558		243		163		79.3		68.5		47.2		9770		121	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	7940		8770		24800		189		85.8		78.3		151		180		160		1510		273	
Total TCDF	55722-27-5	ppt-TOC	17800		16700		52100		445		90		140		77.9		61.8		45.9		5730		62.3	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

	Location ID		HR02SED103		HRRISED003		HRRISED003		HRRISED003		HRRISED004		HRRISED004		HRRISED005		HRRISED005		HRRISED005	
	Sample Name		HR02SED103E-01		HRRISED003C-01		HRRISED003C-02		HRRISED003C-03		HRRISED004B-01		HRRISED004B-02		HRRISED005B-01		HRRISED005B-02		HRRISED005B-03	
	Date Collected		12/13/2007		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		11/1/2006		11/1/2006		11/1/2006	
	Depth		0.0-0.5		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5		0.5-2.0		2.0-4.0	
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
	HasFieldDuplicate		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																				
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	6520		4270		4110		284		1670		961		34600		28000		10300	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	41100		19300		7340		105		428		17.7		224000		304000		103000	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	1240		452		242		861	U	19.9		107	U	4300		5310		1930	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	126		76.8		65.6		861	U	23.5		11.9		508		564		108	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	12100		4870		2550		53.6		133		4.52		51900		68500		23200	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	466		312		219		861	U	51.8		27.1		2490		2050		731	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	2130		968		570		861	U	35.8		107	U	12800		15800		4130	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	229		158		125		861	U	60.9		37.8		1000		855		277	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	148	U	149		102		861	U	7.18		107	U	1320		1630		538	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	143		94.7		74.1		861	U	14		7.83		1080		831		135	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	499		365		241		30.2		19.4		107	U	4160		4890		977	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	632		469		252		861	U	21.4		107	U	4540		5440		1610	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1230		879		530		861	U	39		107	U	7570		9160		2690	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	2030		1530		781		54.6		65.5		4.91		80800		24900		126	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	409		484		290		172	U	28.7		8		2450		2160		482	
OCDD	3268-87-9	ppt-TOC	72800		53200		56700		6320		60000		36900		257000		253000		96700	
OCDF	39001-02-0	ppt-TOC	64500		25900		7280		1720	U	668		213	U	303000		416000		120000	
PCB-209	2051-24-3	ppt-TOC																		
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																		
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																		
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																		
Total HpCDD	37871-00-4	ppt-TOC	17600		12100		15800		857		7090		3750		95900		70700		26400	
Total HpCDF	38998-75-3	ppt-TOC	48600		23700		9450		51.4		550		17.7		264000		342000		129000	
Total HxCDD	34465-46-8	ppt-TOC	5470		4190		3290		954		1930		1220		36200		25600		8260	
Total HxCDF	55684-94-1	ppt-TOC	27300		13500		7240		53.6		423		7.74		159000		193000		62100	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																		
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																		
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																		
Total PeCDD	36088-22-9	ppt-TOC	2200		1670		1340		771		405		270		14700		12100		2390	
Total PeCDF	30402-15-4	ppt-TOC	13900		9260		5930		92.5		278		50		116000		123000		27200	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																		
Total TCDD	41903-57-5	ppt-TOC	7770		3980		2500		879		427		205		110000		39100		5560	
Total TCDF	55722-27-5	ppt-TOC	12800		10900		8550		52.5		443		50		148000		113000		14400	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																		
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																		

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		HRRISED005		HRRISED005		HRRISED005		HRRISED005		HRRISED006		HRRISED006		HRRISED006		HRRISED007		HRRISED007		HRRISED008	
	Sample Name		HRRISED005B-04		HRRISED005B-05		HRRISED005B-06		HRRISED005B-07		HRRISED006B-01		HRRISED006B-02		HRRISED006B-03		HRRISED007E-01		HRRISED007E-02		HRRISED008B-01	
	Date Collected		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/7/2006		11/7/2006		11/1/2006	
	Depth		4.0-6.0		6.0-8.0		8.0-10.0		10.0-12.0		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5	
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
	HasFieldDuplicate		N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	2100		956		826		1020		556		725		1040		5940		1210		14000	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	5630		2500		690		353		489		568		437		27100		794		291000	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	441		188		63.8		43.4		66.2		73.2		51.9		740		25.7		5500	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	47.8		26.2		29.7		31.6		25		26.2		26.7		109		141	U	383	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	1090		491		205		121		150		142		135		7070		241		47500	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	139		64.4		74.1		54.5		36.2		46.1		54.3		403		50.7		1240	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	952		500		124		80		99.7		101		87.2		1430		56.7		12000	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	103		52.4		57.4		60		31.3		37.2		50.6		222		64.4		704	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	167		80.6		44.4		31.8		40.1		44.5		36.5		265		141	U	1590	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	61.5		29.2		32.1		29.8		21.9		25.9		21.5		119		16.2		508	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	381		212		146		94.7		97.1		105		115		426		17.3		2100	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	489		202		101		65.9		90.7		109		93.9		548		22.2		5040	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	522		230		176		128		131		129		138		1150		41.3		5380	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	118		45.3		15.9		19.2		13.5		8.44		10.7		2940		97.8		4210	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	337		246		310		211		191		163		274		539		22.4		2070	
OCDD	3268-87-9	ppt-TOC	61900		42400		30800		40400		24500		30400		45700		74400		37400		152000	
OCDF	39001-02-0	ppt-TOC	4930		1920		931		706		764		903		683		43700		1230		354000	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	5190		2700		2120		3410		1460		1920		2800		17600		4160		31700	
Total HpCDF	38998-75-3	ppt-TOC	8560		3410		995		564		724		824		639		32000		928		331000	
Total HxCDD	34465-46-8	ppt-TOC	2060		1200		1140		1550		656		794		1010		5890		1550		12800	
Total HxCDF	55684-94-1	ppt-TOC	8190		3320		1180		724		863		977		848		17900		600		149000	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	993		609		585		606		345		382		411		2470		371		6500	
Total PeCDF	30402-15-4	ppt-TOC	5960		2640		1550		1280		1190		1380		1280		11700		474		59600	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	981		603		479		578		352		403		309		6000		319		11400	
Total TCDF	55722-27-5	ppt-TOC	5740		2940		2850		2440		2380		2420		2170		13900		549		42900	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		HRRISED008		HRRISED009		HRRISED010		HRRISED010		HRRISED010		HRRISED039		HRRISED040		HRRISED041		HRRISED042		HRRISED043	
	Sample Name		HRRISED008B-02		HRRISED009C-01		HRRISED010B-01		HRRISED010B-02		HRRISED010B-03		HRRISED039A-01		HRRISED040A-01		HRRISED041A-01		HRRISED042A-01		HRRISED043A-01	
	Date Collected		11/1/2006		11/7/2006		11/3/2006		11/3/2006		11/3/2006		10/24/2006		10/26/2006		10/26/2006		10/24/2006		10/25/2006	
	Depth		0.5-2.0		0.0-0.5		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	16500		2270		1200		1100		1630		7050		7360		8680		40100		19400	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	31300		27400		8270		431		1780		34500		41000		34300		33500		13700	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	960		877		273		56.3		197		1050		1260		1050		1230		652	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	323		79.8		102		27.7		44.6		148		142		141		343		83.8	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	8880		8480		2350		151		346		10100		12000		9780		8190		3350	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1150		232		127		49.6		67.8		530		546		595		1580		771	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	2050		1360		400		85.6		210		1900		2210		2010		1840		832	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	708		124		89.7		50.2		70.5		311		282		311		1060		342	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	452		303		93.2		36.9		76.8		339		423		389		406		191	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	428		88.6		163		21.2		25.9		153		161		174		509		140	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	956		227		88.6		113		174		505		518		657		763		318	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	1250		486		154		84.6		169		793		818		914		995		479	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	2410		1170		297		134		182		1690		1870		2270		1650		780	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	14000		740		278		9		10.4		4160		2410		3350		1800		1090	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	2430		210		141		298		395		650		564		865		1010		423	
OCDD	3268-87-9	ppt-TOC	207000		26900		60000		49800		71500		77500		86900		90800		422000		233000	
OCDF	39001-02-0	ppt-TOC	48000		49400		14700		694		2560		56800		68200		55900		50100		17300	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	40400		5700		4140		3170		4460		17900		19100		20200		81500		42400	
Total HpCDF	38998-75-3	ppt-TOC	42800		31700		9570		633		2490		41400		48500		41600		44200		19200	
Total HxCDD	34465-46-8	ppt-TOC	12800		2200		1990		1100		1500		5890		5620		6110		16100		7590	
Total HxCDF	55684-94-1	ppt-TOC	30800		17700		5140		796		1780		25700		27900		26500		25300		12100	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	5440		1500		4160		350		461		2700		2670		2700		6580		1640	
Total PeCDF	30402-15-4	ppt-TOC	29300		8090		2550		1180		1620		16600		16200		20100		17400		10600	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	21200		3360		5840		306		288		7980		6850		7650		9570		3290	
Total TCDF	55722-27-5	ppt-TOC	50400		6230		2480		2310		2420		17500		18200		24500		18800		14000	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		HRRISED044		HRRISED045		HRRISED046		HRRISED047		HRRISED048		HRRISED049		HRRISED050		KK02SED081		KK02SED081		KK02SED081		
	Sample Name		HRRISED044A-01		HRRISED045A-01		HRRISED046A-01		HRRISED047A-01		HRRISED048A-01		HRRISED049A-01		HRRISED050A-01		KK02SED081D-01		KK02SED081D-02		KK02SED081D-03		
	Date Collected		10/25/2006		10/25/2006		10/25/2006		10/25/2006		11/1/2006		10/31/2006		11/1/2006		11/20/2007		11/20/2007		11/20/2007		
	Depth		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		
	HasFieldDuplicate		N		N		N		N		N		Y		N		N		N		N		
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	2480		1910		11500		7340		5690		7990		7160		5860		7690		1710			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	3450		4150		37400		16800		18100		54900		43800		1800		2790		126			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	110		115		941		459		558		1840		1270		95.9		161		14.1			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	36		31		186		82.2		98.8		193		160		71		145		38			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	912		1090		7440		4190		5310		17000		13000		246		514		30.2			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	120		108		1400		550		373		669		584		238		429		62.9			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	196		236		1610		856		1070		2910		2370		109		213		29.7			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	82.9		71.2		591		249		225		367		322		167		288		88.6			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	35.2		38.5		312		172		203		582		451		41.8		76.9		10.8	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	37.9		29.8		239		116		90.6		167		160		61.1		124		25.9			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	50.2		84.1		438		319		233		551		449		122		239		26.5			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	87.1		116		847		497		460		1000		857		94.2		190		25.4			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	171		211		1610		1060		756		2440		1610		133		340		32.9			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	97.6		576		9120		3440		1920		3070		2860		141		417		13.1			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	44		135		788		491		402		615		603		642		939		30.6			
OCDD	3268-87-9	ppt-TOC	38800		30500		126000		86900		65200		81000		78400		69300		88300		59600			
OCDF	39001-02-0	ppt-TOC	4430		6020		57900		26100		30600		98200		74100		3260		4090		95.2			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	5980		4950		28300		18500		14400		21000		18500		13900		19400		6350			
Total HpCDF	38998-75-3	ppt-TOC	4260		5050		44100		21800		22300		64200		51400		3670		5510		193			
Total HxCDD	34465-46-8	ppt-TOC	1650		1380		10600		4750		4080		7490		6050		2510		4860		2140			
Total HxCDF	55684-94-1	ppt-TOC	2550		3200		23400		22700		13600		37500		30500		2460		4250		225			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	571		439		3210		1550		1430		3310		2840		908		2550		495			
Total PeCDF	30402-15-4	ppt-TOC	1600		2430		20800		13000		7500		19400		15500		2480		5020		352			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	729		1180		12700		5630		4210		7140		7160		1140		2200		304			
Total TCDF	55722-27-5	ppt-TOC	1380		3000		27100		14900		8710		15700		15200		4700		8620		665			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095	
	Sample Name		KK02SED081D-04		KK02SED081D-05		KK02SED081D-06		KK02SED081D-07		KK02SED081D-08		KK02SED081D-09		KK02SED095E-01		KK02SED095E-02		KK02SED095E-03		KK02SED095E-04			
	Date Collected		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007			
	Depth		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		Y		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	1300		1650		1320		1480		1490		850		9110		1020		828		760			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	34.9		33.7		16.2		13.1	U	17.5	U	13.5	U	14400		3080		2930		333			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	3.78	U	6.83	U	6.73	U	6.1	U	7.23	U	7.51	U	465		312		279		38.9			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	28.8		36.2		30.6		30.8		36.5		26.5		120		33.7		28.3		25.3			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	10.2		6.59		6.67	U	7.26	U	5.56	U	6.32	U	1730		524		498		87.2			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	46.8		56		46.8		49.5		56.1		36.3		653		60.2		47.9		41.9			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	8.86		6.53		6.99	U	7.96	U	6.11	U	6.51	U	830		712		636		57			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	72.4		92.2		75.6		86.7		90.1		56.5		326		56.2		50		45.9			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	5.81	U	5.57	U	3.88	U	11.2	U	8.79	U	9.77	U	50.6		36		32		25.3			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	17.3		20		23.1		18.1		22.8		23.9	U	148		29.7		28.1		23.4			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	6.05		8.86	U	8.85	U	11	U	12.9	U	13.3	U	309		279		275		71.8			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	8		7.01		7.37	U	8.66	U	6.77	U	7.26	U	413		127		113		47			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	7.19		10	U	9.62	U	10.8	U	13	U	14.1	U	428		150		127		64.2			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	7.29		5.44		8.65		13.6	U	19.9	U	18	U	745		14.4		10.3		8.83			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	13.1		10		8.91	U	7.47		9.86	U	15.7	U	376		281		227		104			
OCDD	3268-87-9	ppt-TOC	39600		48600		37900		40000		37600		17000		89700		36200		29500		25900			
OCDF	39001-02-0	ppt-TOC	32.1		35.1		36.9	U	24.6	U	26.9	U	36	U	14300		2210		1980		702			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	4950		6290		5220		5530		5740		3540		23500		2940		2460		2080			
Total HpCDF	38998-75-3	ppt-TOC	51.9		42.9		16.2		14.2	U	18.3	U	14	U	26500		4400		4170		485			
Total HxCDD	34465-46-8	ppt-TOC	1740		2250		2100		2340		2550		1640		6270		1320		1090		1010			
Total HxCDF	55684-94-1	ppt-TOC	71.4		44.3		5.7		8.92		9.5		8.5		15100		4490		4240		637			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	343		409		468		325		450		305		2240		625		519		490			
Total PeCDF	30402-15-4	ppt-TOC	61.4		22.7		13.1		9.87		29.4		33.2	U	13500		3240		3120		1000			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	215		240		218		164		185		156		2250		546		467		427			
Total TCDF	55722-27-5	ppt-TOC	123		102		56.4		53.2		44.3		35.8		15400		3300		3040		1860			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED096		KK02SED096			
	Sample Name		KK02SED095E-05		KK02SED095E-06		KK02SED095E-07		KK02SED095E-08		KK02SED095E-09		KK02SED095E-10		KK02SED095E-11		KK02SED095E-12		KK02SED096D-01		KK02SED096D-02			
	Date Collected		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/20/2007		11/20/2007			
	Depth		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		Y		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	707		822		1140		1240		1010		1100		1520		1000		10900		8820			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	375		431		545		456		211		99		87.7		23.4		3780		3650			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	47.7		50.2		71.9		60.5		28.9		12.6		10.6		6.62	U	190		207			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	25		28.9		32.1		30.9		28		30.3		37.8		24.2		138		135			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	100		117		144		133		76.3		38.3		22.8		5.47	U	619		624			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	47.9		61.7		58.4		49.3		42.9		43		58.4		43.2		561		546			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	52.4		73.9		102		88.7		62.8		32.6		20.9		6.84		237		243			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	44.2		54.2		60.2		64		52.3		54.7		80.4		61.1		367		347			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	31.7		36.1		43		40.4		26.5		12.4		9.13	U	5.3	U	69.8		81.9			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	26.1		29.9		31.2		27.2		21.5		20.2		22.5		16.2		122		131			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	77.4		91.7		116		111		67.6		34.7		18.9		5.04	U	222		302			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	50.8		67.1		75.6		69.6		64.9		34.7		23.2		9.79	U	156		170			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	59.3		79.8		106		98		64.9		48.7		26.8		8.16		265		319			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	10.5		10.8		10.1		9.51		5.56		5.93		7.35		5.43	U	687		664			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	111		129		186		201		132		55.3		28.7		9.7	U	496		812			
OCDD	3268-87-9	ppt-TOC	25100		25200		43000		50500		39600		38300		51100		25300		107000		76800			
OCDF	39001-02-0	ppt-TOC	593		720		932		603		222		93		77.6		18.5		6440		5680			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	1880		2260		3330		3770		3240		3670		5390		3870		26400		21500			
Total HpCDF	38998-75-3	ppt-TOC	551		633		828		676		318		152		114		23.4		7300		7080			
Total HxCDD	34465-46-8	ppt-TOC	1040		1180		1360		1360		1230		1280		1890		1630		6370		6350			
Total HxCDF	55684-94-1	ppt-TOC	760		832		1000		890		592		290		136		36.9		4420		4910			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	551		603		697		586		511		400		441		298		1750		1940			
Total PeCDF	30402-15-4	ppt-TOC	1190		1280		1490		1340		1010		507		239		39.5		4960		5940			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	447		515		509		441		357		268		292		193		3180		3620			
Total TCDF	55722-27-5	ppt-TOC	1990		2260		2560		2280		1740		840		616		96.2		9860		11200			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096	
	Sample Name		KK02SED096D-03		KK02SED096D-04		KK02SED096D-05		KK02SED096D-06		KK02SED096D-07		KK02SED096D-08		KK02SED096D-09		KK02SED096D-10		KK02SED096D-11		KK02SED096D-12			
	Date Collected		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007			
	Depth		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	11300		11500		14500		13600		19200		25900		22700		22900		15200		20500			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	4450		4590		6720		6440		7980		9360		8900		8850		8520		11100			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	237		259		337		344		448		557		678		512		418		584			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	157		161		188		178		208		230		227		216		173		227			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	752		758		1030		997		1240		1460		1570		1400		1370		1850			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	665		725		843		874		1160		1590		1560		1610		932		1250			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	307		314		440		436		462		528		551		562		475		532			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	432		438		533		531		617		759		802		828		480		608			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	25.3	U	30	U	38.3		32.8		51.4		64.3		54.5		4.98	U	36.2		30.2	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	128		148		165		178		212		270		320		370		231		245			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	303		305		358		356		376		487		525		493		403		389			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	220		245		307		289		317		371		345		342		244		297			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	348		369		413		399		431		588		579		517		380		489			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	616		758		738		1540		1960		3200		7240		10800		7470		2900			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	781		792		717		653		636		1300		928		959		403		583			
OCDD	3268-87-9	ppt-TOC	99400		93100		128000		114000		176000		232000		222000		247000		152000		179000			
OCDF	39001-02-0	ppt-TOC	7030		7580		10500		10200		15000		21700		19500		17900		17600		23600			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	25800		26400		33100		30500		41400		55300		48100		50500		32400		42800			
Total HpCDF	38998-75-3	ppt-TOC	8420		8910		12000		12100		15800		21300		19800		18900		17400		24500			
Total HxCDD	34465-46-8	ppt-TOC	7650		8130		9490		9050		10100		13300		13000		13800		7740		10200			
Total HxCDF	55684-94-1	ppt-TOC	5680		5950		7410		7580		8930		11000		11200		11300		9320		12100			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	1820		2270		2280		2390		2740		3200		2960		3120		1890		2680			
Total PeCDF	30402-15-4	ppt-TOC	6260		7070		8010		8370		11500		15800		25500		32600		14700		17800			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	2820		2890		2930		3800		4740		6400		9810		13600		9320		5810			
Total TCDF	55722-27-5	ppt-TOC	12000		13000		14100		15700		21100		31300		56900		69000		28300		37500			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		KVK01		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085	
	Sample Name		1JMS00157		MC02SED085C-01		MC02SED085C-02		MC02SED085C-03		MC02SED085C-04		MC02SED085C-05		MC02SED085C-06		MC02SED085C-07		MC02SED085C-08		MC02SED085C-09			
	Date Collected		8/30/2000		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007			
	Depth		0.0-0.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		Y		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	26600		12700		14300		18900		18300		6020		637		1090		482		471			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	14300		6180		7860		12400		8650		2980		786		1290		531		279			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	627		447		711		1000		797		322		95.2		212		80.8		36.7			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	158		204		219		294		255		76.1		31		38.2		16.2		23.2			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	1910		1260		1720		2610		1940		555		176		304		124		82.8			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	925		717		1000		1290		1200		302		57.6		111		38.4		41.4			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	478		636		970		1310		1020		309		143		224		94.2		53.1			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	537		450		522		682		600		158		42.6		83.2		27.9		32.3			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	74.6	U	24.6	U	97.3		482		380		116		35.7		76.8		30		19.4			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	164		174		242		301		281		75.4		26.5		52.4		15.2		17.7			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	296		445		601		804		690		203		83.3		143		66.3		49.2			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	418		450		707		948		1020		239		90.5		166		68.5		47.2			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	537		568		801		1090		888		227		64.3		163		69.8		55.6			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	3580		754		803		2490		914		235		12.9	U	41.9		8.35	U	26	U		
2,3,7,8-TCDF	51207-31-9	ppt-TOC	866		640		1030		1370		1170		317		102		209		124		71.7			
OCDD	3268-87-9	ppt-TOC	248000		157000		149000		194000		183000		79200		18900		38400		18300		20900			
OCDF	39001-02-0	ppt-TOC	35800		11000		12200		19700		15300		6030		1330		3880		1500		917			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	56700		34200		33900		41000		40500		13100		1510		2750		1260		1090			
Total HpCDF	38998-75-3	ppt-TOC	41800		11300		14100		21100		16000		5430		1240		2030		809		427			
Total HxCDD	34465-46-8	ppt-TOC	8360		7940		9440		12400		10800		2900		762		1510		640		589			
Total HxCDF	55684-94-1	ppt-TOC	14000		8530		11800		16400		13000		3770		1240		1840		788		490			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	1250		3290		4210		5070		4560		1140		637		815		339		428			
Total PeCDF	30402-15-4	ppt-TOC	13700		9100		12300		16300		14000		3720		970		1670		693		561			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	7760		4630		5440		8180		5980		1300		365		750		308		239			
Total TCDF	55722-27-5	ppt-TOC	20900		12400		17200		22600		20200		4790		935		1880		868		767			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		MC02SED085		NB01SED001A		NB01SED001A		NB01SED001A		NB01SED002		NB01SED002		NB01SED002		NB01SED002		NB01SED003		NB01SED003			
	Sample Name		MC02SED085C-10		NB01SED001B-01		NB01SED001B-02		NB01SED001B-03		NB01SED002B-01		NB01SED002B-02		NB01SED002B-03		NB01SED002B-04		NB01SED003D-01		NB01SED003D-02			
	Date Collected		12/14/2007		11/13/2005		11/13/2005		11/13/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/31/2005		10/31/2005			
	Depth		13.5-15.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		Y		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	1700		13400		13400		14300		12900		3890		1460		9220		6310		2420			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	397		7420		6960		9250		4570		1580		52.9		2210		6090		1610			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	68.4		473		502		556		384		144		5.46	U	167		313		137			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	36.1		173		171		186		109		57.8		29.1		190		154		64			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	116		1440		1360		1440		990		376		12		484		1140		434			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	61.7		709		668		815		590		224		50		495		427		161			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	69.1		585		556		640		447		164		6.14		213		684		283			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	82.8		467		433		519		367		162		76.3		519		293		123			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	28.2	U	181		185		210		183		68.2		3.31		91.6		151		86.9			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	26.8		146		134		160		116		43.8		18.9		118		168		62.6			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	80.6		388		402		467		349		138		5.26		161		543		263			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	63.4		539		542		673		441		155		5.91		222		672		303			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	73.2		739		725		881		592		216		8.06		289		917		374			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	8.21	U	1390		1060		973		898		458		17.4		408		1230		283			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	87.8		803		784		948		733		269		9.37		416		1000		463			
OCDD	3268-87-9	ppt-TOC	107000		140000		145000		148000		115000		45300		33400		167000		72300		58000			
OCDF	39001-02-0	ppt-TOC	1510		13400		13100		14700		7880		2580		129		3540		7200		1930			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	5330		31200		30300		34800		26700		9400		4740		26600		15800		6660			
Total HpCDF	38998-75-3	ppt-TOC	634		13900		13100		16800		8780		2910		118		3950		9580		2610			
Total HxCDD	34465-46-8	ppt-TOC	2060		7390		6820		8350		5650		2960		1890		10900		5300		2530			
Total HxCDF	55684-94-1	ppt-TOC	579		9060		8520		9710		6220		2240		77.1		3030		8110		3030			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	711		1980		1860		2250		1850		753		363		2510		2820		963			
Total PeCDF	30402-15-4	ppt-TOC	713		8910		8360		9480		7140		2560		174		3650		11600		4370			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	423		3790		3400		3480		2880		1120		188		2090		4580		1160			
Total TCDF	55722-27-5	ppt-TOC	1140		11800		10700		13000		10200		3760		192		5140		17900		6540			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED003		NB01SED003		NB01SED004		NB01SED004		NB01SED004		NB01SED005		NB01SED005		NB01SED005		NB01SED005		NB01SED006A			
	Sample Name		NB01SED003D-03		NB01SED003D-04		NB01SED004B-01		NB01SED004B-02		NB01SED004B-03		NB01SED005A-01		NB01SED005A-02		NB01SED005A-03		NB01SED005A-04		NB01SED006AA-01			
	Date Collected		10/31/2005		10/31/2005		10/30/2005		10/30/2005		10/30/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/27/2005			
	Depth		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		Y		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	2460		938		13300		18500		22000		13800		11900		31200		27400		13300			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	732		62.2		6440		9710		9730		9910		5750		12400		11800		8250			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	103		5.71	U	356		543		658		399		283		832		612		372			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	57.1		26.2		169		219		238		162		160		286		206		178			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	193		20.7		1300		1780		1940		1680		1120		2260		2170		1270			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	109		42		780		1090		1310		759		654		1690		1550		660			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	145		14.9		512		709		749		595		421		879		757		453			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	102		63.1		512		657		736		408		398		800		693		465			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	59.3		4.11	U	138		203		240		152		106		309		232		107			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	40.4		16.9		157		210		249		135		124		297		243		123			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	174		13.7		366		470		524		374		331		632		510		377			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	137		16.1		472		657		693		468		392		800		660		399			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	175		21.8		684		874		1000		700		596		1200		1000		615			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	20.5		19.8		1500		1970		3090		1650		954		3380		4290		1070			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	332		18.1		924		1210		1420		1000		942		1680		1300		900			
OCDD	3268-87-9	ppt-TOC	105000		15900		116000		171000		196000		126000		113000		266000		262000		155000			
OCDF	39001-02-0	ppt-TOC	1850		70.9		10300		16000		19600		17500		10100		27600		23500		27800			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	7460		3090		31000		42300		49100		31900		27700		71800		71700		29400			
Total HpCDF	38998-75-3	ppt-TOC	1110		89.6		11700		17600		19500		16100		10400		26400		23500		24900			
Total HxCDD	34465-46-8	ppt-TOC	2410		1370		8720		11200		12200		8180		7460		15900		14400		7600			
Total HxCDF	55684-94-1	ppt-TOC	1350		139		7880		11000		12000		9090		6630		14800		13200		8700			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	729		194		2150		2690		2930		2080		1850		3790		2930		1960			
Total PeCDF	30402-15-4	ppt-TOC	1780		251		8640		11800		15200		10000		7460		19400		19100		7800			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	500		131		3920		4550		6020		4090		3490		7260		7310		4100			
Total TCDF	55722-27-5	ppt-TOC	2660		416		13600		18500		25300		15400		12000		29700		31400		12500			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

Location ID			NB01SED006A		NB01SED006A		NB01SED007		NB01SED007		NB01SED007		NB01SED007		NB01SED008A		NB01SED008A		NB01SED008A		NB01SED009	
Sample Name			NB01SED006AA-02		NB01SED006AA-03		NB01SED007A-01		NB01SED007A-02		NB01SED007A-03		NB01SED007A-04		NB01SED008AA-01		NB01SED008AA-02		NB01SED008AA-03		NB01SED009A-01	
Date Collected			11/27/2005		11/27/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/14/2005		11/14/2005		11/14/2005		11/6/2005	
Depth			0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5	
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
HasFieldDuplicate			N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																							
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	5000		9750		12300		12500		23500		18600		29400		37700		41200		7360	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	1870		4140		6780		7290		12700		11500		13500		16300		23700		4210	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	99.8		248		422		419		850		568		888		1040		1590		309	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	67.3		156		227		206		280		226		327		407		350		109	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	331		850		1860		1670		3280		2150		2980		3210		4620		1030	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	271		570		822		790		1380		1170		1800		2370		2420		497	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	138		331		883		614		1280		786		1120		1210		1750		379	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	198		394		531		481		805		650		1050		1240		1180		309	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	31.9		91.5		253		157		374		209		371		419		675		125	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	47.9		107		242		187		288		239		369		521		387		98.5	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	120		311		1040		393		690		479		769		867		1180		327	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	132		326		750		481		925		607		981		1120		1470		370	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	213		535		1560		743		1390		979		1440		1560		2020		545	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	277		715		1840		1900		3720		3370		3210		4070		3920		1190	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	352		1030		2160		852		1520		1070		1820		1930		3650		679	
OCDD	3268-87-9	ppt-TOC	47900		87500		107000		104000		208000		160000		267000		353000		387000		72100	
OCDF	39001-02-0	ppt-TOC	3170		7200		11400		11300		20600		20500		25800		31900		46200		7520	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	11400		22100		28300		31600		53000		48900		62500		86300		81700		16700	
Total HpCDF	38998-75-3	ppt-TOC	3650		8250		12600		12900		22100		19500		25200		30200		41900		8090	
Total HxCDD	34465-46-8	ppt-TOC	3170		6600		9220		9520		14200		11300		15300		18500		19800		5640	
Total HxCDF	55684-94-1	ppt-TOC	2210		5300		11100		8670		16700		11700		16700		18900		24800		5640	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	723		1780		3170		2120		3440		2770		4230		4560		5500		1680	
Total PeCDF	30402-15-4	ppt-TOC	2480		6150		19400		10700		19600		15100		20800		29500		28100		6480	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	1380		3210		5720		4260		7750		5930		8230		9470		9810		3180	
Total TCDF	55722-27-5	ppt-TOC	4520		11100		35000		16600		30600		24200		31300		41900		42300		10200	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

Location ID			NB01SED009		NB01SED009		NB01SED009		NB01SED010A		NB01SED010A		NB01SED010A		NB01SED011		NB01SED011		NB01SED011		NB01SED011	
Sample Name			NB01SED009A-02		NB01SED009A-03		NB01SED009A-04		NB01SED010I-01		NB01SED010I-02		NB01SED010I-03		NB01SED011B-01		NB01SED011B-02		NB01SED011B-03		NB01SED011B-04	
Date Collected			11/6/2005		11/6/2005		11/6/2005		10/31/2005		10/31/2005		10/31/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005	
Depth			0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.3		1.3-2.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
HasFieldDuplicate			N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	1280		1090		1660		4910		886		1160		3390		2090		308		810	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	577		356		305		3260		1220		2340		1490		84.7		10.8		59.7	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	97.7		44.7	U	32.4	U	224		225		324		99.5		7.37	U	1.36	U	7.83	U
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	40.2		29.3		39		80		33.7		41.6		47.8		30.5		7.01		14.1	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	184		143		123		669		311		556		353		22.8		2.18		16	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	85.1		59.8		73.7		323		74.1		77.8		171		62.1		13.9		24.1	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	96.7		87.3		82.7		336		291		617		133		10.1		1.11		9.1	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	77.7		60.4		77.3		230		52.2		63.3		131		78.4		18.6		42.8	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	48.6		39.1		29.8		108		93.8		161		39.8		5.84	U	1.07	U	3.66	U
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	32.6		22.1		20.4		68.8		28.6		38.1		36.7		15.4		4.93	U	9.17	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	121		102		69.7		232		188		334		90		10.3		1.79	U	6.62	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	106		82.2		77.3		270		182		293		115		7.26		0.76	U	7.69	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	138		113		104		334		181		280		169		12.4		2.08	U	6.03	U
2,3,7,8-TCDD	1746-01-6	ppt-TOC	56.7		15.2		14.2	U	548		14.4		18.1		264		20.1		2.42		13.7	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	199		163		136		498		471		594		202		9.9		3	U	6.93	U
OCDD	3268-87-9	ppt-TOC	38600		46200		75700		63100		32100		43800		45500		30100		8730		23200	
OCDF	39001-02-0	ppt-TOC	1630		702		373		5220		2630		2880		2730		244		22.7		116	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	3470		3270		5170		11600		2440		3040		9370		5370		1130		2740	
Total HpCDF	38998-75-3	ppt-TOC	1040		520		440		5810		2050		3710		2730		179		19.3		99	
Total HxCDD	34465-46-8	ppt-TOC	1520		1280		1740		3910		1260		1530		2570		1830		483		1180	
Total HxCDF	55684-94-1	ppt-TOC	1020		738		630		4240		2270		4180		1900		112		10.7		85.2	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	656		373		503		1260		576		678		642		376		124		256	
Total PeCDF	30402-15-4	ppt-TOC	1400		1040		990		4050		1950		3360		1910		126		6.41		25.1	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	491		276		223		1660		417		492		947		232		358		306	
Total TCDF	55722-27-5	ppt-TOC	2240		1630		1530		5870		2370		3430		2540		121		37.6		121	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Location ID			NB01SED011		NB01SED011		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED013	
Sample Name			NB01SED011B-05		NB01SED011B-06		NB01SED012A-01		NB01SED012A-02		NB01SED012A-03		NB01SED012A-04		NB01SED012A-05		NB01SED012A-06		NB01SED012A-07		NB01SED013C-02	
Date Collected			11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		10/31/2005	
Depth			3.5-4.5		4.5-5.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		6.5-8.0		0.5-1.5	
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
HasFieldDuplicate			N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	680		480		35000		10600		31400		28800		24800		67900		4630		1300	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	62.9		42.9		8080		5940		12200		14300		12300		18000		4170		2250	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	5.39	U	13.3	U	678		430		1020		1100		1100		1150		332		1100	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	10.5		42.3	U	188		92.6		250		300		200		283		46.7		98.6	U
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	13.3		17.5	U	1880		1220		2570		3200		2750		3320		717		1840	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	20.6		42.9	U	1390		694		1580		1790		1430		1970		300		157	U
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	6.51		11.4	U	711		432		1030		1110		1030		1100		330		514	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	28		42.8	U	669		326		781		773		636		757		125		157	U
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	2.65	U	8.93	U	311		181		481		478		414		371		134		659	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	4.96		31.8	U	196		136		265		320		264		276		62.7		67.9	U
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	4.26		16.9	U	581		330		900		941		864		570		198		1160	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	5.39		11.9	U	639		380		950		1020		898		905		295		370	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	7.96		15.3	U	1090		582		1480		1550		1280		1280		419		525	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	11.4		27		6390		4900		8580		13500		7590		7740		417		73.8	U
2,3,7,8-TCDF	51207-31-9	ppt-TOC	6.77		21.1	U	1300		1310		1690		1990		1530		1410		395		1650	
OCDD	3268-87-9	ppt-TOC	23500		12600		358000		137000		400000		410000		345000		617000		66700		46000	
OCDF	39001-02-0	ppt-TOC	135		114		17700		12900		27100		32000		27700		43100		7240		6810	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	2240		1890		115000		24400		65000		62200		58600		218000		9890		3400	
Total HpCDF	38998-75-3	ppt-TOC	114		88.3		17400		11500		26400		29800		27000		45700		9560		5240	
Total HxCDD	34465-46-8	ppt-TOC	720		843		19400		6320		14000		14500		12500		23400		2460		1480	
Total HxCDF	55684-94-1	ppt-TOC	65.9		29.9	U	10500		6920		16200		18000		16300		21800		5760		5670	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	126		244		2680		1540		3340		3630		3140		3930		1080		348	
Total PeCDF	30402-15-4	ppt-TOC	79		31.1	U	18200		13000		25200		31500		21500		20800		4590		4840	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	109		196		8690		6440		11600		17000		10900		13400		1340		151	
Total TCDF	55722-27-5	ppt-TOC	118		21.1	U	30300		22000		40000		53200		34800		31600		4250		6300	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED013		NB01SED013		NB01SED014		NB01SED014		NB01SED014		NB01SED014		NB01SED015		NB01SED015		NB01SED015		NB01SED015			
	Sample Name		NB01SED013C-03		NB01SED013C-04		NB01SED014A-01		NB01SED014A-02		NB01SED014A-03		NB01SED014A-04		NB01SED015A-01		NB01SED015A-02		NB01SED015A-03		NB01SED015A-04			
	Date Collected		10/31/2005		10/31/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005			
	Depth		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	1550		546		3420		1600		1410		1240		20900		93800		39700		27200			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	500		3.23		1870		574		12.6	U	9.15	U	13500		54100		22700		11600			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	83.2		3.08	U	148		101		9.31	U	10.9	U	792		3030		1520		729			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	55.4		17.8		62.1	U	96.3	U	37.5		36.6		194		611		405		189			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	221		2.04	U	482		204		7.19	U	4.71	U	2570		9940		4540		2020			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	161		24.1		196		96.8	U	54.3		51		1360		5690		2450		1200			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	164		1.93	U	209		105		6.54	U	4.19	U	915		3430		1670		687			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	118		37		140		106	U	82.3		75.2		654		2230		1160		494			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	67.9		1.98	U	81.2		67.9	U	10.6	U	7.21	U	306		1080		582		229			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	53.2		8.79		63		52.6	U	27.1	U	23.5		244		725		521		226			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	199		6.75	U	200		163		19.8	U	19	U	581		2200		1260		406			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	146		2.25	U	171		109		7.26	U	4.95	U	746		2890		1360		616			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	260		6.25	U	248		154		18.1	U	18	U	1020		4110		2100		868			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	15.4	U	3.63	U	312		43.6	U	11.7	U	23	U	2620		10400		20800		4770			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	850		4.67	U	376		310		21.5	U	14.9	U	1350		4940		3100		1190			
OCDD	3268-87-9	ppt-TOC	46400		11500		53300		60500		29200		24800		187000		956000		403000		250000			
OCDF	39001-02-0	ppt-TOC	1680		11.5	U	3580		1970		27.9	U	33.7	U	23900		111000		50300		29600			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	4040		2100		11000		4870		5840		5020		50800		203000		89500		65500			
Total HpCDF	38998-75-3	ppt-TOC	821		3.23		3330		753		13.8	U	9.92	U	22600		98800		46900		30500			
Total HxCDD	34465-46-8	ppt-TOC	2120		1010		2640		1850		3170		2960		12300		46400		21600		10900			
Total HxCDF	55684-94-1	ppt-TOC	1510		3.52		2680		989		20.7		13.5	U	13300		50900		27700		14700			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	807		185		597		329		576		608		3010		9500		5540		2940			
Total PeCDF	30402-15-4	ppt-TOC	2310		19.5	U	2770		1220		41.9		42.5		15900		56700		50000		18900			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	411		115		1010		122		262		220		5650		17900		26200		8770			
Total TCDF	55722-27-5	ppt-TOC	4210		37.1		4760		2920		75.8		144		23200		84400		89000		33900			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED016		NB01SED016		NB01SED016		NB01SED016		NB01SED017		NB01SED017		NB01SED017		NB01SED018		NB01SED018		NB01SED019	
	Sample Name		NB01SED016C-01		NB01SED016C-02		NB01SED016C-03		NB01SED016C-04		NB01SED017B-01		NB01SED017B-02		NB01SED017B-03		NB01SED018D-01		NB01SED018D-02		NB01SED019A-01	
	Date Collected		11/13/2005		11/13/2005		11/13/2005		11/13/2005		11/20/2005		11/20/2005		11/20/2005		11/6/2005		11/6/2005		11/2/2005	
	Depth		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		0.0-0.5	
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
	HasFieldDuplicate		N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	11300		13800		15900		11000		8680		9440		6890		11800		5620		46100	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	5670		6620		8830		6140		4070		3720		2860		5940		2620		30000	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	307		360		458		389		212		204		158		321		167		1440	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	165		172		202		168		121		145		95.6		160		102	U	243	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	1210		1270		1960		1260		737		660		531		1180		559		5040	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	707		810		967		736		492		520		391		708		359		2010	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	454		495		650		545		289		278		223		448		229		1520	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	470		538		606		417		341		386		266		483		264		776	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	115		133		174		146		71.1		67.2		50.6		123		67.2		429	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	143		141		192		147		92.6		94		76.1		143		85.9		331	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	391		357		428		357		252		240		204		368		158		663	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	395		430		561		453		278		264		204		380		172		1170	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	643		643		861		618		440		404		335		576		259		1530	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1610		1220		2070		1520		926		612		475		2740		2530		12100	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1090		952		1050		791		611		648		532		863		348		1610	
OCDD	3268-87-9	ppt-TOC	100000		143000		132000		97300		82600		91200		63900		123000		65900		573000	
OCDF	39001-02-0	ppt-TOC	9000		11700		14300		9450		7890		6200		4880		10100		4720		73500	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	28200		30800		38100		25900		19300		22200		17200		28900		15900		108000	
Total HpCDF	38998-75-3	ppt-TOC	10200		12000		15500		11200		7630		6920		5370		11300		5380		71200	
Total HxCDD	34465-46-8	ppt-TOC	8270		8670		10800		7730		5260		6040		4590		7990		5620		14400	
Total HxCDF	55684-94-1	ppt-TOC	6870		7100		9830		7500		4440		4120		3260		6600		3130		29600	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	2010		2060		2470		1970		1430		1390		1210		2110		1560		5200	
Total PeCDF	30402-15-4	ppt-TOC	7330		7710		10300		8360		5470		5120		4160		9000		4900		20400	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	4890		3370		4430		3330		3120		2650		2270		5070		3440		19300	
Total TCDF	55722-27-5	ppt-TOC	12700		13100		17000		12500		9050		9280		7670		18100		10400		30800	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

			Location ID		NB01SED019		NB01SED019		NB01SED019		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED021	
			Sample Name		NB01SED019A-02		NB01SED019A-03		NB01SED019A-04		NB01SED020A-01		NB01SED020A-02		NB01SED020A-03		NB01SED020A-04		NB01SED020A-05		NB01SED020A-06		NB01SED021B-01	
			Date Collected		11/2/2005		11/2/2005		11/2/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/20/2005	
			Depth		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	4460		1560		429		24500		14000		3390		900		1190		677		5310			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	2920		201		109		17000		9500		5950		1130		506		314		2830			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	228		14.6		5.29		818		727		240		118		70.3		52.3		139			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	81.2	U	35.1		10.4	U	306		208		46.5		26.2	U	38.4		32.9	U	73.9			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	552		50.9		24.2		3860		2030		953		273		166		128		572			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	229		67.1		19.3		1510		845		230		61.7		69.4		53.3		301			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	236		22.5		8.25		1090		650		372		277		90.3		82		201			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	204		97.1		24		733		421		105		56.3		71.3		52.3		204			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	88.2		5.31	U	2.92	U	290		167		107		63.7		29.2		41.7		48.6			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	51.8		19.8		8.38	U	305		197		52.5		31.7	U	28.1		42.3	U	58.3			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	121		11.2		5.17	U	666		404		177		181		108		119		167			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	187		15.5		6.08		820		505		291		139		87.1		83		184			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	254		17.1		7.58		1370		786		470		159		133		123		281			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	345		87.6		36.2		15800		5860		92.8		61.1		38.7		28.6	U	474			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	130		10.5	U	8.04	U	1760		1450		163		259		176		214		480			
OCDD	3268-87-9	ppt-TOC	64100		29500		8630		203000		114000		31200		27700		37700		20900		51100			
OCDF	39001-02-0	ppt-TOC	4340		361		185		32400		17800		5980		1370		1380		623		4630			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	11200		5350		1430		64300		39900		8140		2530		3200		1980		12700			
Total HpCDF	38998-75-3	ppt-TOC	6350		514		235		32200		18300		10500		1820		897		477		4990			
Total HxCDD	34465-46-8	ppt-TOC	2720		2710		717		14500		9450		2190		1090		1400		930		3370			
Total HxCDF	55684-94-1	ppt-TOC	3530		253		121		18600		10700		6540		2010		845		663		3020			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	788		517		128		3780		2300		775		314		555		262		861			
Total PeCDF	30402-15-4	ppt-TOC	2430		234		46.3		31300		16900		4960		1770		1330		1130		3290			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	1090		388		112		20500		8090		547		394		275		209		1900			
Total TCDF	55722-27-5	ppt-TOC	2480		255		127		60800		31600		4530		2690		2040		2070		5450			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED021		NB01SED022		NB01SED022		NB01SED022		NB01SED022		NB01SED023		NB01SED023		NB01SED023		NB01SED023		NB01SED024	
	Sample Name		NB01SED021B-02		NB01SED022A-01		NB01SED022A-02		NB01SED022A-03		NB01SED022A-04		NB01SED023A-01		NB01SED023A-02		NB01SED023A-03		NB01SED023A-04		NB01SED024B-01	
	Date Collected		11/20/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/8/2005	
	Depth		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	6340		12000		11400		12000		12800		13500		18000		13400		3580		15200	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	3040		8110		7200		8790		9430		7960		11100		7000		3870		7000	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	171		334		373		400		457		457		1040		446		292		352	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	109		195		163		166		179		197		194		133		53.4		193	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	665		1990		1800		1980		2090		1570		2640		1430		617		1470	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	379		732		684		776		813		778		1210		938		230		753	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	260		663		660		679		707		617		868		460		313		507	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	257		473		444		490		480		427		552		406		113		485	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	62.8		156		158		149		175		180		363		155		119		125	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	74.8		178		172		181		174		171		251		138		60.2		141	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	219		477		432		424		433		470		688		279		221		349	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	224		496		520		517		523		548		700		383		289		431	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	368		789		816		845		843		778		1100		573		425		647	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	665		2120		2210		2550		2800		2770		8920		1930		41.3	U	1310	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	582		1010		996		900		817		957		1230		604		508		1070	
OCDD	3268-87-9	ppt-TOC	56300		107000		97600		109000		117000		129000		211000		138000		68700		145000	
OCDF	39001-02-0	ppt-TOC	5190		13100		11600		13900		15100		12900		26500		15500		6790		12000	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	14500		28100		29600		28300		29400		34300		43600		38500		8190		41300	
Total HpCDF	38998-75-3	ppt-TOC	5750		12800		12200		14400		15500		14700		22900		15800		7210		12300	
Total HxCDD	34465-46-8	ppt-TOC	4270		8320		8600		8620		8400		8430		11500		9810		2380		9670	
Total HxCDF	55684-94-1	ppt-TOC	3710		9530		9440		10000		10400		9740		14200		8690		4940		8270	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	1130		2380		2240		2360		2160		2370		3040		2090		1050		2290	
Total PeCDF	30402-15-4	ppt-TOC	4560		10900		11700		11800		12500		11600		24800		10400		4620		8000	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	2650		5250		4800		4760		4900		5520		12100		4260		923		4280	
Total TCDF	55722-27-5	ppt-TOC	9910		18100		19000		17700		18400		17600		45200		16700		4380		14700	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

Location ID			NB01SED024		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED026		NB01SED026		NB01SED027	
Sample Name			NB01SED024B-02		NB01SED025B-01		NB01SED025B-02		NB01SED025B-03		NB01SED025B-04		NB01SED025B-05		NB01SED025B-06		NB01SED026A-01		NB01SED026A-03		NB01SED027A-01	
Date Collected			11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/2/2005		11/2/2005		11/14/2005	
Depth			0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		1.5-3.0		0.0-0.5	
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
HasFieldDuplicate			N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	11100		13400		582		1020		994		489		1540		26100		14400		12900			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	6750		10500		675		1400		944		577		792		10900		6310		8110			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	285		536		93		181		135		63.7		144		674		419		405			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	158		185		20.8		45.1		32.2		23.7	U	51.1		217		212		187			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	1180		3460		179		340		259		142		252		2510		1670		1800			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	596		802		61.6		88.5		67.5		38.5		98.1		1490		888		801			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	385		981		142		318		203		107		160		863		638		584			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	371		442		50.3		80.4		67.8		28.7		98.1		626		442		535			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	95.2		229		41.1		77.8		66.3		31.9		72.7		302		203		145			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	114		195		19.3		31		33		21.5	U	36.5	U	234		177		164			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	308		641		106		184		153		93.5		164		600		465		423			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	344		576		84.8		166		118		70.5		142		768		500		486			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	521		1160		80.3		177		152		99		172		1310		700		762			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1000		2080		11.2	U	12.4		15		7.24	U	21.4	U	4340		4810		1630			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	813		1220		140		232		227		157		284		1540		742		1150			
OCDD	3268-87-9	ppt-TOC	108000		132000		21300		36700		38800		21100		72200		225000		167000		120000			
OCDF	39001-02-0	ppt-TOC	13600		14600		1170		2260		2230		1130		3890		21700		11800		14100			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	29200		34700		1590		2700		2700		1350		4300		73200		45800		30800			
Total HpCDF	38998-75-3	ppt-TOC	10900		16600		1030		2080		1450		832		1320		22500		11900		13600			
Total HxCDD	34465-46-8	ppt-TOC	7540		8560		926		1410		1290		577		1950		15100		11300		9270			
Total HxCDF	55684-94-1	ppt-TOC	5520		12200		1010		2360		1700		840		1470		15200		8850		9010			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	1780		2950		495		685		659		206		716		3400		3780		2130			
Total PeCDF	30402-15-4	ppt-TOC	5040		12700		1010		2100		1660		787		1790		18500		15000		9020			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	3040		4080		311		360		513		131		559		7110		7190		5100			
Total TCDF	55722-27-5	ppt-TOC	10700		17800		1350		2210		2500		1370		3110		30200		25100		14200			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED027		NB01SED027		NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED029		NB01SED029			
	Sample Name		NB01SED027A-02		NB01SED027A-03		NB01SED028C-01		NB01SED028C-02		NB01SED028C-03		NB01SED028C-04		NB01SED028C-05		NB01SED028C-06		NB01SED029C-01		NB01SED029C-02			
	Date Collected		11/14/2005		11/14/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/15/2005		11/15/2005			
	Depth		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		Y		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	9650		11000		13400		12700		17500		34400		30000		1930		13200		13200			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	5140		4580		11300		16600		12500		21900		10800		638		10100		8530			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	263		280		459		3150		514		1010		593		67.6		443		391			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	146		175		233		209		240		382		247		78.1	U	207		218			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	1090		1060		2670		4520		2860		4590		2590		265		2100		1820			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	583		647		759		784		1040		2160		1750		103		756		760			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	383		380		786		1670		981		1490		851		143		1700		1270			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	388		435		500		524		614		1090		879		98.6		524		559			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	99.5		108		159		812		213		356		247		55.7		149		139			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	119		123		192		180		213		403		313		42.1		138		140			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	302		309		459		684		533		909		628		206		811		767			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	335		364		586		1180		700		1080		676		120		489		455			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	537		558		836		1120		1000		1690		1210		290		806		807			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	896		878		2220		2590		7620		5820		12900		188		1860		3330			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	794		833		1530		1060		1680		1640		1280		590		850		927			
OCDD	3268-87-9	ppt-TOC	92300		100000		129000		115000		156000		284000		245000		76200		131000		124000			
OCDF	39001-02-0	ppt-TOC	9040		8130		17500		41600		17400		40600		23600		1200		17700		13900			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	22600		26500		32500		29600		44500		75000		127000		5620		30400		31300			
Total HpCDF	38998-75-3	ppt-TOC	8840		8800		17000		31000		19300		34100		22300		905		15600		13700			
Total HxCDD	34465-46-8	ppt-TOC	6540		7420		9410		9160		15200		19200		36200		1950		8220		8670			
Total HxCDF	55684-94-1	ppt-TOC	5740		5950		11200		22600		13400		22300		14300		1220		15100		12900			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	1720		1870		2260		2330		2850		4410		5020		524		1910		1980			
Total PeCDF	30402-15-4	ppt-TOC	5990		6510		10600		15600		15000		28400		32800		2240		25400		21900			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	3350		3380		5410		5520		10100		10200		16400		567		5010		6370			
Total TCDF	55722-27-5	ppt-TOC	10300		11900		16400		19500		22100		44400		61500		3890		36300		33800			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED030		NB01SED030		NB01SED031		NB01SED031		NB01SED031		NB01SED032	
	Sample Name		NB01SED029C-03		NB01SED029C-04		NB01SED029C-05		NB01SED029C-06		NB01SED030B-01		NB01SED030B-02		NB01SED031A-01		NB01SED031A-02		NB01SED031A-03		NB01SED032A-01	
	Date Collected		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/14/2005		11/14/2005		11/14/2005		11/13/2005	
	Depth		1.5-2.5		2.5-3.5		3.5-4.5		4.5-5.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5	
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	12600		11600		13800		13800		15700		9530		11300		12600		6330		13500	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	13700		9050		8500		15200		8460		5220		11800		7880		3700		15300	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	452		411		385		3570		374		242		537		486		195		545	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	188		183		195		203		193		141		192		198		94.3		195	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	1910		2030		1800		15900		1800		1090		3120		1860		910		3380	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	753		674		835		871		808		509		642		725		364		814	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1290		1330		620		3450		551		361		779		585		310		941	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	500		454		545		543		529		373		441		524		238		527	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	130		141		142		1410		130		81.1		181		165		65.2		191	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	136		149		163		171		133		103		157		149		76.7		170	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	747		858		429		2040		355		254		365		406		217		495	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	457		462		515		1040		437		309		456		449		235		609	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	707		821		775		1240		675		493		737		706		379		995	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1350		2330		1670		2380		1490		937		2670		1410		771		3060	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	820		926		1100		1130		938		674		763		963		440		1090	
OCDD	3268-87-9	ppt-TOC	122000		106000		127000		126000		153000		91600		113000		123000		58100		123000	
OCDF	39001-02-0	ppt-TOC	32000		14400		13100		23800		16100		8680		20100		13800		6240		24000	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	28700		26500		31100		31200		36500		23600		26300		30200		15600		31400	
Total HpCDF	38998-75-3	ppt-TOC	18900		14000		14200		28300		14600		9110		16000		13300		6380		21900	
Total HxCDD	34465-46-8	ppt-TOC	8400		8210		9150		9330		8230		6000		7210		8060		4170		9270	
Total HxCDF	55684-94-1	ppt-TOC	13000		13700		9050		30700		8460		5320		11000		8500		4400		13200	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	1870		2040		2140		2280		1980		1410		2260		2090		1090		2510	
Total PeCDF	30402-15-4	ppt-TOC	20500		22400		10000		13900		7920		5470		9050		9130		4860		12200	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	4200		5470		3930		4720		4420		2730		5790		4190		2380		6360	
Total TCDF	55722-27-5	ppt-TOC	31500		33300		14400		15600		11900		8840		12100		13400		7290		18000	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED032		NB01SED032		NB01SED032		NB01SED033A		NB01SED033A		NB01SED034A		NB01SED034A		NB01SED034A		NB01SED035A		NB01SED036	
	Sample Name		NB01SED032A-02		NB01SED032A-03		NB01SED032A-04		NB01SED033AD-01		NB01SED033AD-02		NB01SED034AC-01		NB01SED034AC-02		NB01SED034AC-03		NB01SED035AC-01		NB01SED036F-01	
	Date Collected		11/13/2005		11/13/2005		11/13/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		11/27/2005	
	Depth		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.0-0.5	
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	23000		44200		52900		9180		8700		14800		11700		10300		13900		16200	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	16300	U	29900		26400		9000		8900		11800		6910		8770		13000		5710	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	785		1250		1180		362		376		452		289		348		519		335	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	361		426		425		151		132		189		146		146		175		191	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	4350		7060		5960		2540		2430		2620		1690		1930		3200		1100	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1560		2880		3050		520		483		723		564		564		667		766	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1270		2050		1800		629		550		745		491		577		762		440	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	925		1370		1570		358		318		477		356		350		416		451	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	282		465		483		151		128		143		108		127		158		113	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	352		606		604		122		106		156		118		122		133		117	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	805		1130		1200		335		272		407		309		358		370		206	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	945		1440		1380		424		351		523		368		406		490		415	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1620		2310		2480		694		675		777		582		591		776		557	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	55000		10400		28300		2910		1500		3100		1360		1760		2150		646	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1860		2210		2700		853		670		991		786		832		924		523	
OCDD	3268-87-9	ppt-TOC	194000		355000		429000		87600		80000		150000		104000		92300		132000		183000	
OCDF	39001-02-0	ppt-TOC	25700		49000		49600		15100		16200		21000		11500		14200		24000		10200	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	52500		120000		224000		22600		20200		35500		31700		26400		38700		35200	
Total HpCDF	38998-75-3	ppt-TOC	27000		48400		46700		13500		13100		18000		11200		13400		19000		11500	
Total HxCDD	34465-46-8	ppt-TOC	15900		33500		68300		6290		5400		7680		7140		6770		8190		6740	
Total HxCDF	55684-94-1	ppt-TOC	19200		31100		29300		9470		8400		10600		7000		8140		11500		7370	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	3810		6350		9170		1960		1600		2380		1830		1830		2090		1580	
Total PeCDF	30402-15-4	ppt-TOC	25000		41300		55800		8470		7250		10600		7320		8180		9380		6350	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	59500		17700		35300		5760		3800		6590		3950		4410		5380		2280	
Total TCDF	55722-27-5	ppt-TOC	36400		59700		103000		12700		10800		14300		11300		12000		13100		6460	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

			Location ID	NB01SED036		NB01SED036		NB01SED037		NB01SED037		NB01SED037		NB01SED037		NB01SED038		NB01SED038		NB01SED038		NB01SED038		NB01SED038		NB01SED039	
			Sample Name	NB01SED036F-02		NB01SED036F-03		NB01SED037C-01		NB01SED037C-02		NB01SED037C-03		NB01SED037C-04		NB01SED038A-01		NB01SED038A-02		NB01SED038A-03		NB01SED038A-04		NB01SED039A-01			
			Date Collected	11/27/2005		11/27/2005		11/14/2005		11/14/2005		11/14/2005		11/14/2005		11/20/2005		11/20/2005		11/20/2005		11/20/2005		11/17/2005			
			Depth	0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5			
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
			HasFieldDuplicate	N		N		Y		N		N		N		N		N		N		Y		N			
Analyte	Cas No	Units		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																											
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC		11300		8350		18900		16200		33200		1430		2830		1730		870		1530		8000			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC		5760		7230		21900		15800		43200		389		1800		78.5		12		12.3		8940			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC		295		318		814		462		1340		12.3	U	85.8		11		4.54	U	8.72	U	371			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC		205		115		282		170		395		36		56.1		44.3		26.9		48.4		124			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC		1140		2020		5630		2730		10200		97.9		461		22.9		5.56		9.09		2200			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC		598		452		1170		951		2140		60.8		141		60		42		74.3		515			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC		440		494		1480		811		2400		27.9		149		14.4		4.82		7.88	U	706			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC		452		295		749		544		1040		89.2		126		100		60.4		105		327			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC		105		108		276		168		440		8.27	U	34.7		7.24	U	5.34	U	8.43	U	133			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC		135		100		251		216		532		20.9		39.2		22.4		14.4		17.9		118			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC		234		253		703		473		956		14.4		101		14.1		10.3	U	20.3	U	405			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC		386		315		907		589		1430		18.8		120		13		3.53	U	6.77	U	470			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC		488		494		1430		942		2240		22.1		188		15		9.3	U	17.5	U	778			
2,3,7,8-TCDD	1746-01-6	ppt-TOC		5120		987		5770		9000		28600		136		405		31.9		14.1		31.6	U	2520			
2,3,7,8-TCDF	51207-31-9	ppt-TOC		429		529		1310		976		2190		17.2		316		14.6		9.71	U	10.3	U	694			
OCDD	3268-87-9	ppt-TOC		114000		79400		180000		174000		282000		33700		60300		42100		17700		33800		78300			
OCDF	39001-02-0	ppt-TOC		9480		12700		33500		21800		72000		609		2590		125		31.7		48.8	U	14300			
PCB-209	2051-24-3	ppt-TOC																									
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																									
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																									
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																									
Total HpCDD	37871-00-4	ppt-TOC		26900		22500		47300		41600		88000		5220		8530		6950		3610		6190		19800			
Total HpCDF	38998-75-3	ppt-TOC		10200		11000		31100		27800		65200		520		2660		89.5		12		12.3		13600			
Total HxCDD	34465-46-8	ppt-TOC		6380		5190		12600		9580		19800		2110		2540		2600		1660		2700		6170			
Total HxCDF	55684-94-1	ppt-TOC		6520		7130		20100		24700		37800		327		2010		93.3		17.7		13.2		9440			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																									
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																									
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																									
Total PeCDD	36088-22-9	ppt-TOC		1880		1320		3080		2070		5720		491		701		510		346		572		1690			
Total PeCDF	30402-15-4	ppt-TOC		6930		6290		19700		21200		59600		345		2300		146		29.1		48.1		11000			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																									
Total TCDD	41903-57-5	ppt-TOC		7020		2950		10200		11500		38100		381		1090		326		192		244		4940			
Total TCDF	55722-27-5	ppt-TOC		9810		8650		28200		33600		106000		468		3320		195		50.1		79.9		17800			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																									
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																									

Location ID			NB01SED039		NB01SED039		NB01SED039		NB01SED040		NB01SED040		NB01SED040		NB01SED040		NB01SED041		NB01SED041		NB01SED041		
Sample Name			NB01SED039A-02		NB01SED039A-03		NB01SED039A-04		NB01SED040A-01		NB01SED040A-02		NB01SED040A-03		NB01SED040A-04		NB01SED041A-01		NB01SED041A-02		NB01SED041A-03		
Date Collected			11/17/2005		11/17/2005		11/17/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		
Depth			0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		
HasFieldDuplicate			N		N		N		N		N		N		N		N		N		N		
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
Dioxins/Furans																							
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	2270		1710		1720		963		1910		1410		1110		11700		1360		536		
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	1710		261		94.5		522		700		710		663		17300		2050		860		
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	104		17	U	11	U	107		112		109		100		760		199		108		
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	80	U	35.9		50		38.2		49.4		39.7		31.5		149		36.2		17.6		
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	406		81.8		30.1		196		238		215		229		4740		419		192		
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	129		67.8		77.9		73.5		186		99.3		48.8		833		124		39.1		
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	169		37.9		13.3	U	106		143		147		125		1340		417		218		
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	94		93.5		123		65.7		124		84.8		52.7		403		87.7		36.5		
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	36.2		8.95	U	8.52	U	53.5		61.9		65.2		52.9		342		88.9		48.2		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	62.5	U	22.8		28.1		33.9		51.6		34.5		23.8		179		39.1		16.5		
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	125		29.9		24.8	U	144		168		168		140		471		226		112		
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	120		32.6		13.5	U	102		133		150		113		920		255		111		
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	191		39		19.9	U	139		186		181		142		1530		294		107		
2,3,7,8-TCDD	1746-01-6	ppt-TOC	351		83.4		31.2		18.6		53.1		11.5		7.51		3430		47.9		9.21		
2,3,7,8-TCDF	51207-31-9	ppt-TOC	222		57.1		19.6		210		308		407		302		642		500		214		
OCDD	3268-87-9	ppt-TOC	43100		44100		34600		32200		43800		50000		46600		109000		33800		17300		
OCDF	39001-02-0	ppt-TOC	2360		308		115		1290		1550		1510		883		26900		1840		909		
PCB-209	2051-24-3	ppt-TOC																					
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																					
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																					
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																					
Total HpCDD	37871-00-4	ppt-TOC	5450		6140		6480		2570		4340		3690		3020		29300		3960		1500		
Total HpCDF	38998-75-3	ppt-TOC	2770		359		136		884		1150		1100		1010		28700		3340		1360		
Total HxCDD	34465-46-8	ppt-TOC	1980		2450		3040		1170		2130		1470		1160		8270		1690		727		
Total HxCDF	55684-94-1	ppt-TOC	1800		373		108		1030		1290		1310		1150		19900		3620		1530		
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																					
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																					
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																					
Total PeCDD	36088-22-9	ppt-TOC	339		448		625		582		888		597		437		2670		702		329		
Total PeCDF	30402-15-4	ppt-TOC	2100		373		173		1400		1710		1770		1370		17500		3530		1360		
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																					
Total TCDD	41903-57-5	ppt-TOC	825		298		369		408		363		452		315		5960		419		249		
Total TCDF	55722-27-5	ppt-TOC	4300		756		316		1960		2580		2850		2060		23300		3890		1600		
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																					
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																					

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED041		NB01SED042		NB01SED042		NB01SED042		NB01SED043		NB01SED043		NB01SED043		NB01SED044		NB01SED044		NB01SED044			
	Sample Name		NB01SED041A-04		NB01SED042B-01		NB01SED042B-02		NB01SED042B-03		NB01SED043C-01		NB01SED043C-02		NB01SED043C-03		NB01SED044A-01		NB01SED044A-02		NB01SED044A-03			
	Date Collected		11/15/2005		12/5/2005		12/5/2005		12/5/2005		11/20/2005		11/20/2005		11/20/2005		11/27/2005		11/27/2005		11/27/2005			
	Depth		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		Y		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	988		14200		16700		10200		12400		13100		13800		9960		14300		24600			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	695		15000		18100		9420		15100		15600		11000		12600		13800		17100			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	88.5		596		690		395		605		517		507		472		606		720			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	26.8		279		264		157		198		175		247		144		163		271			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	165		3810		4510		2510		3990		3270		2670		3260		3610		3660			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	57		944		964		600		738		700		1000		598		1090		1670			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	144		1120		1200		700		969		917		925		839		1020		1090			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	53.8		604		662		408		493		458		628		368		574		883			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	44		208		229		139		198		161		193		157		237		234			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	25		262		223		136		159		147		216		125		187		402			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	125		541		645		376		468		454		539		392		558		610			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	105		688		749		474		582		529		668		498		632		751			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	118		1070		1350		758		975		825		967		776		1300		1180			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	13.5		5130		5090		1980		2210		2030		2920		2800		3650		4950			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	204		1020		1400		879		888		792		892		1000		1220		1080			
OCDD	3268-87-9	ppt-TOC	34300		130000		158000		94700		123000		125000		119000		103000		122000		230000			
OCDF	39001-02-0	ppt-TOC	1070		24800		31200		14500		24500		24800		16000		19700		21500		28300			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	2880		33300		45400		23600		27200		29700		30300		23200		33200		54900			
Total HpCDF	38998-75-3	ppt-TOC	1080		21900		26400		13900		21400		21400		17800		18200		21600		26800			
Total HxCDD	34465-46-8	ppt-TOC	1170		10200		11700		7210		7940		8130		10400		6490		10900		13900			
Total HxCDF	55684-94-1	ppt-TOC	1190		15100		16500		9890		13200		11800		12300		11500		14900		16900			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	538		3490		3230		1860		2350		1970		3050		1860		2770		3390			
Total PeCDF	30402-15-4	ppt-TOC	1400		16400		16500		9680		12600		11400		14900		10500		16000		25900			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	443		8560		10200		4320		5780		4380		5260		5450		6870		8950			
Total TCDF	55722-27-5	ppt-TOC	2110		20900		21700		13000		17100		16000		21700		14300		22700		34900			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED044		NB01SED044		NB01SED044		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED046	
	Sample Name		NB01SED044A-04		NB01SED044A-05		NB01SED044A-06		NB01SED045B-01		NB01SED045B-02		NB01SED045B-03		NB01SED045B-04		NB01SED045B-05		NB01SED045B-06		NB01SED046E-01			
	Date Collected		11/27/2005		11/27/2005		11/27/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/5/2005			
	Depth		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	31500		16100		28800		6380		710		1060		1900		950		1490		12500			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	30600		13500		17000		18900		463		47.8		26.9		7.06		6.6		21000			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	1180		674		718		524		50.3		4.69	U	8.11	U	3.05	U	5.03	U	905			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	321		231		250		115		18.1		27.3		51.9		24.4		24.3		204			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	7900		3670		4180		4590		109		16.2		7.08	U	2.68		4.5	U	7320			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	2080		1220		1640		457		37.7		45.1		72.5		39.7		34.3		874			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	2150		1060		1150		1150		78.3		8		6.61	U	3.35		4.11	U	1470			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	953		648		855		251		41.3		72.1		121		62.2		63.7		500			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	437		248		275		207		27.4		6.61	U	5.1	U	2.97	U	3.26	U	326			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	387		283		335		138		15.1		21.1		29.7		16.1		12.5		209			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	1030		731		700		433		54.3		7.79		16.5	U	8.22	U	11	U	574			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	1270		712		758		600		69		8.71		3.9	U	4		3.92	U	768			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	2110		1480		1300		1010		69		7.64	U	14.4	U	7.83	U	9.08	U	1490			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	11900		18700		34800		3610		57		16.1		11		4.51	U	9.5	U	4700			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1730		1500		1300		833		109		16		9.02	U	3.5	U	5.54	U	1050			
OCDD	3268-87-9	ppt-TOC	288000		143000		315000		60000		21200		21500		39700		20000		54300		107000			
OCDF	39001-02-0	ppt-TOC	56700		23500		30000		23500		510		72.9		24.8		10.1		14.6	U	34400			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	72000		36400		69300		17000		2330		4030		7150		3740		8050		30900			
Total HpCDF	38998-75-3	ppt-TOC	48700		23300		29300		25100		773		62.6		26.9		7.06		6.6		28900			
Total HxCDD	34465-46-8	ppt-TOC	20100		11600		15900		5240		877		2100		3400		1960		2310		9370			
Total HxCDF	55684-94-1	ppt-TOC	31400		17000		17900		15900		780		78.6		17.9		19.2		4.74	U	20800			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	4800		3140		3300		1680		289		471		727		473		323		3140			
Total PeCDF	30402-15-4	ppt-TOC	35000		35700		45300		12100		757		16.8		13.6		50.9		28.3		17900			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	17800		22700		39300		6810		250		294		455		277		160		9160			
Total TCDF	55722-27-5	ppt-TOC	50000		66900		91000		13200		917		199		112		63.9		41.3		21500			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED046		NB01SED046		NB01SED047		NB01SED047		NB01SED047		NB01SED048		NB01SED048		NB01SED049		NB01SED049		NB01SED049			
	Sample Name		NB01SED046E-02		NB01SED046E-03		NB01SED047A-01		NB01SED047A-02		NB01SED047A-03		NB01SED048A-01		NB01SED048A-02		NB01SED049C-01		NB01SED049C-02		NB01SED049C-03			
	Date Collected		12/5/2005		12/5/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005			
	Depth		0.5-1.5		1.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		Y		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	29400		18800		15400		17900		19300		11400		15600		16500		23100		17100			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	27400		32300		14800		17800		15300		10300		13600		15000		20600		17000			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	1130		992		589		654		662		413		526		656		1040		814			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	268		278		201		231		250		160		206		245		344		255			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	6500		8670		3510		4070		3530		2500		3070		3430		4360		3770			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1910		1340		846		1050		1180		626		856		992		1470		1190			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1870		2140		989		1210		1130		713		894		1310		2190		1680			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	913		682		539		638		673		439		572		610		853		636			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	412		382		198		231		255		134		173		264		461		341			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	281		305		182		217		242		141		183		225		333		243			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	908		950		521		638		656		364		496		710		1230		1030			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	1100		1120		632		800		800		474		617		921		1580		1240			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1770		1900		950		1130		1210		722		944		1420		2540		2090			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	6500		19600		2830		3720		4260		2500		3060		3340		5360		3980			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1680		1460		911		1220		1150		770		1080		1810		3030		4750			
OCDD	3268-87-9	ppt-TOC	253000		173000		145000		169000		173000		118000		147000		151000		195000		140000			
OCDF	39001-02-0	ppt-TOC	47900		50500		22400		25600		23700		17400		22200		23100		30000		23400			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	68800		42700		36100		40500		44500		26600		35600		37400		52200		36400			
Total HpCDF	38998-75-3	ppt-TOC	41700		48400		21600		26200		25100		15900		20800		23500		34200		26600			
Total HxCDD	34465-46-8	ppt-TOC	18700		12700		9360		11000		11800		6700		9110		9360		13600		10600			
Total HxCDF	55684-94-1	ppt-TOC	25300		30000		13500		16700		15500		9780		12400		15400		24200		19000			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	4210		4480		2400		2980		3430		1840		2410		2780		3940		2820			
Total PeCDF	30402-15-4	ppt-TOC	23800		35900		13800		16500		19300		10200		12700		18500		29400		22500			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	11100		27400		5460		6670		7800		5350		6280		6160		9080		6820			
Total TCDF	55722-27-5	ppt-TOC	34500		57100		19400		21200		26400		13800		17500		28900		53300		48600			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED049		NB01SED049		NB01SED049		NB01SED050		NB01SED050		NB01SED050		NB01SED050		NB01SED051		NB01SED051		NB01SED051			
	Sample Name		NB01SED049C-04		NB01SED049C-05		NB01SED049C-06		NB01SED050A-01		NB01SED050A-02		NB01SED050A-03		NB01SED050A-04		NB01SED051D-01		NB01SED051D-02		NB01SED051D-03			
	Date Collected		11/17/2005		11/17/2005		11/17/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005		12/5/2005		12/5/2005		12/5/2005			
	Depth		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	17400		14500		20900		2320		800		862		1360		9590		17700		29200			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	22800		12300		17700		6540		51.8		13.2		8.7		11300		12900		28500			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	986		551		888		306		8.56	U	6.19	U	9.35	U	454		526		1010			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	267		202		312		54.2		27.6		29.1		32.8		136		205		290			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	4540		2740		4000		3010		24.3		6.15		4.37	U	3480		3120		6560			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1240		867		1420		150		33.7		38.9		51.9		755		1250		2090			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	2140		1050		1770		497		6.19		3.49	U	4.17	U	900		898		1780			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	674		538		788		120		56.9		60		82		399		655		978			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	451		225		356		134		4.43	U	4.27	U	6.35	U	185		200		318			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	267		188		306		46.5		13.4		12.2		16		155		238		404			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	1210		541		953		138		15.3	U	7.77	U	16	U	449		488		867			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	1580		777		1240		201		5.95		4.26	U	6.78	U	527		638		1070			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	2600		1190		1850		495		17.2		7.19	U	9.95	U	1000		1100		1790			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	2460		4440		6710		1270		82.5		10.5		12.5	U	4070		4480		11400			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	9390		1250		2170		239		20.9		8.08	U	6.24	U	982		1110		1500			
OCDD	3268-87-9	ppt-TOC	138000		133000		163000		30500		15900		19100		33900		76800		152000		241000			
OCDF	39001-02-0	ppt-TOC	32500		18400		26800		12800		73.8		46.1	U	28.3	U	19300		20000		44800			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	38800		32600		45600		6820		3110		3420		5140		23700		39800		65900			
Total HpCDF	38998-75-3	ppt-TOC	33300		19500		29700		8310		76.3		13.2		8.7		16300		20500		43700			
Total HxCDD	34465-46-8	ppt-TOC	11200		8560		12900		2860		1610		1680		2280		8230		10600		18000			
Total HxCDF	55684-94-1	ppt-TOC	22500		13800		20200		6710		84.4		14.8		11.6		13000		13600		27700			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	2950		2430		3500		862		419		374		436		2310		2810		4220			
Total PeCDF	30402-15-4	ppt-TOC	24900		14000		25600		4770		228		54.3		63.3		13600		18900		35500			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	5330		6720		9880		2370		401		242		259		7320		7980		17300			
Total TCDF	55722-27-5	ppt-TOC	76500		20600		44700		6020		474		56.4		64.2		19300		24800		48100			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED051		NB01SED051		NB01SED051		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED053			
	Sample Name		NB01SED051D-04		NB01SED051D-05		NB01SED051D-06		NB01SED052B-01		NB01SED052B-02		NB01SED052B-03		NB01SED052B-04		NB01SED052B-05		NB01SED052B-06		NB01SED053B-01			
	Date Collected		12/5/2005		12/5/2005		12/5/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/4/2005			
	Depth		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-3.5		3.5-6.0		6.0-8.5		8.5-11.0		0.0-0.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		Y		N		N		Y		N		N		N		N		N		Y			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	26700		28600		30400		12600		14200		25000		34600		42500		30900		1690			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	32800		32600		54600		39200		42700		22700		40700		34400		27600		1250			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	1030		1060		1580		1450		1010		768		1410		1520		1050		60.2			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	239		300		396		224		212		232		320		478		428		37			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	8440		7030		12700		12400		7080		5000		10700		8720		7240		464			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1700		1920		2120		812		923		1680		2100		3410		2260		107			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	2150		1820		3040		2370		1860		1400		2640		2510		1920		123			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	789		935		1030		506		542		802		996		1630		1260		87.8			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	360		394		560		451		254		264		489		553		396		29.3			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	313		388		569		195		193		286		339		578		570		34.3			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	862		1040		1230		664		712		720		1310		1610		1170		86.3			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	1080		1160		1520		1010		781		868		1430		1540		1220		76.7			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1860		2300		2580		2020		1350		1690		2530		4160		2300		172			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	42100		27900		61900		5440		4880		4820		14900		29900		48500		930			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1310		1560		2420		908		1110		1300		1650		2710		2100		218			
OCDD	3268-87-9	ppt-TOC	235000		279000		298000		127000		131000		230000		310000		419000		307000		21200			
OCDF	39001-02-0	ppt-TOC	50600		53800		92500		71800		82300		38900		65200		68100		54100		1700			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	70300		61800		69600		29100		31900		46600		77800		93400		62800		5250			
Total HpCDF	38998-75-3	ppt-TOC	48500		48200		77300		49200		51500		33000		60000		56600		44800		1930			
Total HxCDD	34465-46-8	ppt-TOC	19600		16500		17000		8650		9460		13800		21300		28700		19300		2210			
Total HxCDF	55684-94-1	ppt-TOC	30600		28600		44200		31200		22800		20500		38100		37500		29300		1770			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	4550		4410		5500		2910		2600		3410		5040		5910		5260		648			
Total PeCDF	30402-15-4	ppt-TOC	32500		46800		75400		21700		19000		24800		41500		70300		97000		2460			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	48100		33800		70600		9950		8150		9050		21900		35300		55900		1790			
Total TCDF	55722-27-5	ppt-TOC	44900		72600		130000		23300		24700		30700		54100		123000		178000		4390			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED053		NB01SED053		NB01SED053		NB01SED053		NB01SED053		NB01SED054		NB01SED054		NB01SED054		NB01SED054		NB01SED055	
	Sample Name		NB01SED053B-02		NB01SED053B-03		NB01SED053B-04		NB01SED053B-05		NB01SED053B-06		NB01SED054A-01		NB01SED054A-02		NB01SED054A-03		NB01SED054A-04		NB01SED055D-01	
	Date Collected		12/4/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005	
	Depth		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	1490		1250		861		956		234		6960		3190		1070		445		11400	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	92.5		52.4		13.7		15.4		6.92		4470		985		20.6		20.2		21100	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	6.41		5.02	U	3.38	U	3.66	U	4.28	U	203		43.8		9.9	U	15.9	U	763	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	34.1		28.2		25.8		23.4		14.6	U	122		77.5		39	U	22.6	U	175	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	32.5		22		6.11		5.2		4.01		1190		267		12.4	U	14		5420	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	65.3		54.9		39.6		37.8		14.2	U	255		139		51.3	U	43.3	U	637	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	11.6		8.07	U	3.46	U	3.06		2.62	U	301		103		7.69	U	9	U	1260	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	103		81.4		66.1		60		17.8		320		172		65.4		65.5	U	425	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	5.12	U	4.36	U	5.89	U	1.45	U	3.7	U	77.8		28.7		7.83	U	14.9	U	221	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	24.2		20		17.7		13.7		8	U	66.2		45.6		19.2	U	26.2	U	136	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	9		7.43		5.43	U	4.96	U	8.14	U	125		52.1		17.1	U	22.8	U	504	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	9.67		4.3	U	4.09	U	1.79		3.28	U	179		66.3		8.69	U	10.3	U	589	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	19.3		9.5		4.98	U	5.08	U	7.14	U	269		96.2		15.4	U	19.5	U	1120	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	73.2		46.4		13.4		10.7		8.36	U	675		233		15.2	U	20.8	U	3720	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	14.3		19.6	U	4.77		7.56	U	3.44	U	186		82.3		10.6	U	16.8	U	705	
OCDD	3268-87-9	ppt-TOC	28300		25500		15800		19800		5220		157000		77700		26500		10600		120000	
OCDF	39001-02-0	ppt-TOC	126		73.6		18.7		20.3		41.9	U	8760		1960		54		95.5	U	36900	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	6090		5160		3590		3820		879		17100		11100		3830		1510		26600	
Total HpCDF	38998-75-3	ppt-TOC	139		77.1		13.7		15.4		6.92		6030		1410		20.6		20.2		27800	
Total HxCDD	34465-46-8	ppt-TOC	3100		2490		1830		1760		336		4030		4290		1500		545		7050	
Total HxCDF	55684-94-1	ppt-TOC	98.3		72.9		17.2		25.1		4.06		3610		1030		11.7		14		16300	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	743		617		429		383		57.6		814		1050		246		67.6		1970	
Total PeCDF	30402-15-4	ppt-TOC	138		174		9.67		13.5		15		2930		1170		41.2		39.4	U	13900	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	549		441		282		266		80		1320		917		86.3		22.3		7580	
Total TCDF	55722-27-5	ppt-TOC	428		256		158		146		49.6		3720		1720		64.6		21.3		16800	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED055		NB01SED055		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED057		NB01SED057			
	Sample Name		NB01SED055D-02		NB01SED055D-03		NB01SED056B-01		NB01SED056B-02		NB01SED056B-03		NB01SED056B-04		NB01SED056B-05		NB01SED056B-06		NB01SED057B-01		NB01SED057B-02			
	Date Collected		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/6/2005		12/6/2005			
	Depth		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	16500		23100		15900		40700		38500		27900		10000		14200		11500		107000			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	27200		39600		18400		42900		34600		34700		45200		38900		16500		101000			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	925		1230		700		1440		1360		1230		1030		1080		600		3640			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	261		288		233		431		481		410		168		213		175		1400			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	7700		11300		4950		11400		8190		9400		9930		9520		4670		24600			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1090		1550		1080		2940		3550		2360		793		1040		696		7850			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1940		2830		1280		3210		2290		2330		2290		2390		1100		6820			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	610		742		618		1360		1690		1240		376		527		438		4060			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	361		456		254		544		463		460		286		332		217		1400			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	289		407		244		516		648		603		291		345		170		2000			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	1020		1250		655		1450		1390		1130		762		931		479		3350			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	1000		1320		755		1640		1530		1290		907		1030		633		4460			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1930		2450		1330		2880		2970		2290		1320		1710		1110		7790			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	12800		107000		6590		20500		43000		58700		24800		36900		3880		40100			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1440		1580		1140		2160		2640		2120		931		1250		813		8150			
OCDD	3268-87-9	ppt-TOC	152000		210000		143000		344000		349000		254000		90300		138000		111000		850000			
OCDF	39001-02-0	ppt-TOC	49300		60100		28200		63400		61900		56700		71700		66300		26000		144000			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	42000		52300		35300		114000		81100		61000		20800		28100		28500		265000			
Total HpCDF	38998-75-3	ppt-TOC	39900		60100		27200		64500		56300		53300		57200		54200		22700		151000			
Total HxCDD	34465-46-8	ppt-TOC	12600		14900		10500		31900		32400		20900		6970		8320		8170		77600			
Total HxCDF	55684-94-1	ppt-TOC	27300		40200		18100		43600		36200		35000		30600		33200		15500		104000			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	4150		5140		3100		7010		7410		6300		3100		3840		2360		18900			
Total PeCDF	30402-15-4	ppt-TOC	34100		52600		21700		50600		71100		77000		32900		47900		14300		149000			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	19700		117000		10700		29300		51500		67700		31700		45500		7080		66800			
Total TCDF	55722-27-5	ppt-TOC	51700		83100		30200		73600		125000		149000		58600		75800		18000		199000			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

Location ID			NB01SED057		NB01SED057		NB01SED058		NB01SED058		NB01SED058		NB01SED058		NB01SED059		NB01SED059		NB01SED059		NB01SED059		
Sample Name			NB01SED057B-03		NB01SED057B-04		NB01SED058B-01		NB01SED058B-02		NB01SED058B-03		NB01SED058B-04		NB01SED059A-01		NB01SED059A-02		NB01SED059A-03		NB01SED059A-04		
Date Collected			12/6/2005		12/6/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005		12/8/2005		
Depth			1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		
HasFieldDuplicate			N		N		N		N		N		N		Y		N		N		N		
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																							
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	28900		20500		15200		17700		9480		1430		6340		1570		1080		726		
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	31800		16200		18100		28400		42100		137		8880		800		66.8		14.3		
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	1020		629		657		800		987		9.9	U	342		34.9		5.22	U	6.63	U	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	303		226		224		222		129		33		104		40.2		32.6		23.3		
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	6680		3840		4430		6080		8520		42.1		2720		285		26.6		7.58		
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1910		1330		875		1150		626		59.5		363		90		47.3		33.4		
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1860		1010		1240		1660		1870		15.6		638		74.7		6.47	U	9.53	U	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	934		705		579		635		335		98.5		250		90		72.6		52.3		
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	376		223		230		286		238		4		123		13.9		4.35	U	5.47	U	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	382		300		207		324		174		19.2		101		29.6		18.8		15.7		
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	908		479		629		732		504		13.3	U	284		45.9		17.8	U	7.21	U	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	1170		695		807		916		778		9		333		41.3		7.21	U	4.43	U	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	2130		1160		1360		1520		1260		13.2		622		85.3		16.5	U	6.47	U	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	21400		26100		5320		28600		10200		96		4220		301		17.9		10.5		
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1840		1260		996		1160		591		4.27		642		57		6.58		9.26	U	
OCDD	3268-87-9	ppt-TOC	263000		199000		157000		205000		101000		29600		76700		27700		21900		14100		
OCDF	39001-02-0	ppt-TOC	50500		27100		27400		46800		65200		174		14800		1100		119		34.9	U	
PCB-209	2051-24-3	ppt-TOC																					
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																					
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																					
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																					
Total HpCDD	37871-00-4	ppt-TOC	69700		53200		33300		41900		29500		5550		17400		5310		3960		2630		
Total HpCDF	38998-75-3	ppt-TOC	46100		25300		25400		39700		51700		191		12300		1160		66.8		14.3		
Total HxCDD	34465-46-8	ppt-TOC	18500		14300		9860		10200		9170		2510		5390		2460		2050		1540		
Total HxCDF	55684-94-1	ppt-TOC	27600		15900		17400		23200		25000		166		8440		947		59.5		17.7		
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																					
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																					
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																					
Total PeCDD	36088-22-9	ppt-TOC	4450		3080		2740		3510		2720		486		1570		463		485		257		
Total PeCDF	30402-15-4	ppt-TOC	40300		34700		21100		50800		22500		255		7980		1130		17.6		9.53		
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																					
Total TCDD	41903-57-5	ppt-TOC	26300		30000		8930		34600		16100		426		6240		661		339		237		
Total TCDF	55722-27-5	ppt-TOC	63700		63900		27300		86200		32900		423		10300		1580		166		57.9		
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																					
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																					

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED060		NB01SED060		NB01SED060		NB01SED060		NB01SED061		NB01SED061		NB01SED062		NB01SED062		NB01SED062		NB01SED062		
	Sample Name		NB01SED060B-01		NB01SED060B-02		NB01SED060B-03		NB01SED060B-04		NB01SED061A-01		NB01SED061A-02		NB01SED062A-01		NB01SED062A-02		NB01SED062A-03		NB01SED062A-04		
	Date Collected		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/28/2005		11/28/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		
	Depth		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N		
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	9230		7810		13300		11400		8890		11300		2390		1540		1320		115			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	35700		31200		38000		17900		36800		14900		11400		424		31.2		3.38			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	1250		1130		1160		533		1630		528		395		16.6		2.3	U	0.921	U		
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	155		145		185		153		219		118		60.4		39.7		32.6		3.03			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	10600		9650		10000		4330		14500		4280		3660		149		9.97		1.37			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	588		523		792		696		756		729		161		72.5		47.6		5.79			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1970		1960		2250		1210		2370		1040		711		33.4		3.03		0.826			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	350		321		462		400		435		351		122		100		81.2		9.32			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	381		361		359		188		589		192		132		9.38	U	2.72	U	1.04	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	143		145		184		166		227		149		48.2		22.3		15.7		1.91			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	492		568		750		596		583		548		175		21.8		8.29	U	3.41	U		
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	792		742		915		593		950		573		247		18.3		3.21	U	0.742	U		
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1510		1570		1630		981		2430		1110		528		32.9		7.38	U	1.76	U		
2,3,7,8-TCDD	1746-01-6	ppt-TOC	3050		3030		4270		3890		2370		6740		784		103		9.21		2.23	U		
2,3,7,8-TCDF	51207-31-9	ppt-TOC	712		648		892		670		689		998		178		27.5		5.53		3.45			
OCDD	3268-87-9	ppt-TOC	96200		76100		131000		110000		81700		104000		37400		29600		26300		3220			
OCDF	39001-02-0	ppt-TOC	66200		56800		62700		27400		64400		21200		20600		616		44.1		7			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	25200		18600		32800		26400		23700		26700		6520		5270		4350		371			
Total HpCDF	38998-75-3	ppt-TOC	43100		38700		47300		24300		45800		21300		13600		549		40		3.38			
Total HxCDD	34465-46-8	ppt-TOC	6650		6230		10400		8070		7890		8000		2710		2390		1760		198			
Total HxCDF	55684-94-1	ppt-TOC	25700		24600		28000		15500		33400		14900		8190		437		34.7		4.57			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	2400		2180		2700		2070		4360		2290		740		449		350		58.4			
Total PeCDF	30402-15-4	ppt-TOC	15100		17600		21700		16300		21100		15600		4810		464		22.6		2.8			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	6770		6230		7500		6370		8830		9570		1730		409		218		309			
Total TCDF	55722-27-5	ppt-TOC	14700		19700		24900		20900		18700		22900		5330		557		126		65.3			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED063		NB01SED063		NB01SED063		NB01SED063		NB01SED064		NB01SED064		NB01SED064		NB01SED065		NB01SED065		NB01SED065			
	Sample Name		NB01SED063C-01		NB01SED063C-02		NB01SED063C-03		NB01SED063C-04		NB01SED064B-01		NB01SED064B-02		NB01SED064B-03		NB01SED065A-01		NB01SED065A-02		NB01SED065A-03			
	Date Collected		12/8/2005		12/8/2005		12/8/2005		12/8/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005			
	Depth		0.0-0.5		0.5-1.5		1.5-3.5		3.5-4.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		Y		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	7190		19100		16600		18800		59		30.1		110		6270		1870		1220			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	43500		30100		47700		29900		268		13.5		59.3		20800		1570		1610			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	1340		1050		1150		931		9.43		5.94	U	34.9	U	568		92.4		110			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	123		275		215		249		2.13		16.2	U	92.2	U	108		48.1		33.8			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	12200		9000		12200		8030		87.3		4.6	U	59.3		5450		476		663			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	465		1250		1100		1230		4.34		16.9	U	92.2	U	410		128		75.6			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	2170		2110		2920		1890		16.6		2.64	U	26	U	1270		168		161			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	250		672		587		607		4.52		16.6	U	92.6	U	263		141		68.8			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	400		395		363		326		5.19		4.27	U	34.4	U	177		46.4		60.3			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	123		307		272		302		1.45		5.68	U	38.1	U	114		42.8		29.1			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	554		915		1290		907		4.54		8.94	U	87.4	U	514		131		121			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	765		1050		1180		962		6.41		2.89	U	28.6	U	550		128		106			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1520		1940		1820		1760		13.1		7.12	U	84.1	U	995		192		175			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	3720		8080		8000		31000		20.3		6	U	28	U	6000		255		37.5			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	723		1550		1350		1690		5.69		7.06	U	62.2		550		283		183			
OCDD	3268-87-9	ppt-TOC	70800		161000		146000		186000		800		498		1380		68600		43200		39100			
OCDF	39001-02-0	ppt-TOC	78100		49000		69300		46900		478		24.6		196	U	30600		2300		3190			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	17600		45800		40300		44800		142		68.8		143		14700		5860		3630			
Total HpCDF	38998-75-3	ppt-TOC	51200		41700		59300		42100		319		13.5		59.3		25500		2090		2060			
Total HxCDD	34465-46-8	ppt-TOC	5120		13500		10200		11300		50.5		17.5		92.2	U	4590		3010		1550			
Total HxCDF	55684-94-1	ppt-TOC	28000		28800		34300		26300		199		5.31	U	59.3		15800		1940		1870			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	1730		3880		3430		3450		15.7		5.68	U	38.1	U	1600		867		575			
Total PeCDF	30402-15-4	ppt-TOC	15200		27800		32500		44100		118		8	U	85.6	U	13000		2170		1620			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	6420		12400		12000		36200		50		8.18	U	28	U	8500		848		413			
Total TCDF	55722-27-5	ppt-TOC	14200		31400		39000		75200		122		40.2		148		15400		3300		1820			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

Location ID			NB01SED065		NB01SED065		NB01SED065		NB01SED066		NB01SED066		NB01SED068		NB01SED068		NB01SED068		NB01SED068		NB01SED068		
Sample Name			NB01SED065A-04		NB01SED065A-05		NB01SED065A-06		NB01SED066E-01		NB01SED066E-02		NB01SED068B-01		NB01SED068B-02		NB01SED068B-03		NB01SED068B-04		NB01SED068B-05		
Date Collected			11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		
Depth			2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		
HasFieldDuplicate			N		N		N		N		N		N		N		N		N		N		
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	1490		1760		1510		12500		3830		10300		13500		13800		10200		14900			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	258		134		103		94600		25700		6250		7100		6720		5860		8350			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	16.1		13.5		13.4		1930		669		400		463		438		389		647			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	29.8		33.5		29.9		203		88.4		143		188		196		159		219			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	73.8		45.7		29.9		22500		6140		1190		1460		1400		1160		1670			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	48.6		61		46.9		952		303		583		727		828		614		903			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	35.1		31.6		23.3		4740		1380		458		567		552		483		700			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	67.1		81.4		73.8		446		153		386		457		545		411		579			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	8.43		11.3		8.44		526		215		151		180		174		155		251			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	16.3		19.1		16.8		293		70.7		116		145		148		125		157			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	28		31		21		1260		338		333		393		397		378		521			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	28.2		29		24		1550		633		428		520		514		436		679			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	31.1		38.2		23.4		2510		992		617		700		766		681		862			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	31.8		11.8		5.46		5830		121		1060		2080		1320		892		1300			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	40.5		45.4		34.2		730		265		819		857		990		944		1080			
OCDD	3268-87-9	ppt-TOC	56200		70000		54100		112000		42800		112000		144000		142000		106000		171000			
OCDF	39001-02-0	ppt-TOC	272		137		145		131000		26400		11000		11500		11700		10100		14300			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	5240		5900		5160		30700		10400		25900		34700		35900		23800		35600			
Total HpCDF	38998-75-3	ppt-TOC	345		192		134		111000		35600		11400		12900		12700		10700		15500			
Total HxCDD	34465-46-8	ppt-TOC	1560		2000		1590		11700		4860		6580		8330		9170		6560		10600			
Total HxCDF	55684-94-1	ppt-TOC	352		296		205		58800		19500		7250		8500		8590		7000		10700			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	338		919		329		2870		1040		1610		1990		2040		1810		2550			
Total PeCDF	30402-15-4	ppt-TOC	382		425		257		32800		10100		7190		8130		8070		7610		10400			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	284		648		221		12400		714		3110		4470		4070		3250		4440			
Total TCDF	55722-27-5	ppt-TOC	590		581		426		25200		5920		10300		11800		12600		11000		14700			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB01SED068		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070	
	Sample Name		NB01SED068B-06		NB02SED070C-01		NB02SED070C-02		NB02SED070C-03		NB02SED070C-04		NB02SED070C-05		NB02SED070C-06		NB02SED070C-07		NB02SED070C-08		NB02SED070C-09			
	Date Collected		10/30/2005		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007			
	Depth		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		Y		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	16100		19900		18100		29700		34900		37700		9110		942		953		1280			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	9290		11000		8310		15300		25500		27900		14800		692		523		638			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	709		583		535		862		1190		1290		625		92.5		79.8		75.8			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	236		214		190		306		365		285		98.3		26		29.1		39.4			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	1910		1850		1510		2700		4270		4050		2110		166		162		186			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	960		1180		1190		1960		2010		1740		595		62.8		60.8		91.8			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	789		642		602		883		1390		1230		658		124		70.4		129			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	640		599		547		931		944		737		259		57.2		51.2		79			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	267		39.2	U	65.1	U	329		58.8	U	321		57.4		43.9		46		45.8			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	182		251		235		461		499		450		120		29.2		28.9		40.2			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	586		457		465		717		752		519		290		120		118		143			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	774		373		304		541		555		502		264		65.2		55.4		92.4			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	971		562		595		774		828		739		359		95.1		89		124			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1350		4350		6190		17800		19400		18600		145		16		33.6		13.5			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1080		633		855		1280		1320		856		286		135		187		212			
OCDD	3268-87-9	ppt-TOC	180000		175000		166000		302000		309000		340000		85300		38900		31700		44600			
OCDF	39001-02-0	ppt-TOC	15500		20800		15900		30700		54600		58200		17700		1280		1140		1070			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	37100		44800		41400		64700		73400		76600		20100		2730		2630		3560			
Total HpCDF	38998-75-3	ppt-TOC	17500		21400		17400		30900		52300		60800		28100		1100		887		930			
Total HxCDD	34465-46-8	ppt-TOC	9910		11200		10800		16000		16500		13400		4990		1260		1190		1730			
Total HxCDF	55684-94-1	ppt-TOC	10200		12200		10500		17800		25700		25400		13500		1220		967		1180			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	2500		2690		2460		3600		4210		4920		1750		581		556		776			
Total PeCDF	30402-15-4	ppt-TOC	8940		13400		14500		35500		31300		25100		8130		1400		1260		1630			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	3890		7380		8630		21400		24600		27100		3610		622		549		606			
Total TCDF	55722-27-5	ppt-TOC	13700		23300		26700		76900		61100		45200		7340		2190		2300		2630			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Location ID			NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED072	
Sample Name			NB02SED071D-01		NB02SED071D-02		NB02SED071D-03		NB02SED071D-04		NB02SED071D-05		NB02SED071D-06		NB02SED071D-07		NB02SED071D-08		NB02SED071D-09		NB02SED072D-01			
Date Collected			11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/14/2007			
Depth			0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5			
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
HasFieldDuplicate			N		N		N		N		Y		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	8690		18700		9350		9520		24300		30000		10900		1500		769		6410			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	5170		7430		5260		5330		14400		28700		20500		4250		345		4620			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	243		352		245		278		665		1080		651		165		22.8	U	200			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	123		169		137		151		252		276		130		40.9		13.7		92.7			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	1040		1280		1010		1060		2430		5420		2770		738		59.4		960			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	496		827		539		588		1540		1590		712		108		31.9	U	412			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	361		505		406		447		905		1680		943		317		35.7		344			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	336		482		352		378		779		746		363		85.3		44		242			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	101		68.3	U	102	U	61.9	U	66.9	U	108	U	73.3	U	69.6		14.1	U	46.2	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	106		150		124		136		339		367		169		41.9		14.1		92			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	272		407		297		327		596		650		333		152		28.9		190			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	182		261		223		225		455		615		406		132		29.2		145			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	330		495		372		395		672		1050		420		153		37		261			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1250		1630		1320		1380		13000		18900		3050		47.3		34.1		1360			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	614		693		686		735		1360		936		302		147		43.2		377			
OCDD	3268-87-9	ppt-TOC	82200		171000		85000		79400		223000		255000		102000		35800		20600		59800			
OCDF	39001-02-0	ppt-TOC	8430		15000		8090		8660		27800		52800		23200		3580		486		7290			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	21400		39900		21500		22000		54500		64400		23100		3870		2850		15200			
Total HpCDF	38998-75-3	ppt-TOC	9070		14500		9110		9620		27400		53900		34500		6260		534		7740			
Total HxCDD	34465-46-8	ppt-TOC	6020		8320		6180		6840		12700		12700		6050		1710		1060		4450			
Total HxCDF	55684-94-1	ppt-TOC	6190		8020		6420		6840		14900		28100		18400		4410		305		5130			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	1510		2050		1750		1880		3540		4870		2460		780		392		1240			
Total PeCDF	30402-15-4	ppt-TOC	6780		9010		7410		8450		26800		31200		11600		2930		401		5180			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	3790		5050		3720		3640		17000		26500		5870		665		183		3090			
Total TCDF	55722-27-5	ppt-TOC	11500		14800		12600		14200		50800		53100		9470		3090		559		9070			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED073		NB02SED073		NB02SED073			
	Sample Name		NB02SED072D-02		NB02SED072D-03		NB02SED072D-04		NB02SED072D-05		NB02SED072D-06		NB02SED072D-07		NB02SED072D-08		NB02SED073D-01		NB02SED073D-02		NB02SED073D-03			
	Date Collected		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/1/2007		11/1/2007		11/1/2007			
	Depth		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		Y		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	10500		12700		3850		1530		1420		929		1470		16700		10200		27400			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	7240		9350		2720		294		56.4		37.5		50.9		13200		10400		19900			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	310		395		128		16.3	U	9.13	U	4.55	U	20.6	U	570		449		826			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	141		168		49.5		28.6		31.5		22.7		30.3		213		153		279			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	1460		1920		546		65.4		14.9	U	5.61		12.7	U	3000		2550		3950			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	653		819		222		70.4		45.6		36.2		45.5		1130		720		1880			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	495		663		191		25.9		11.9	U	4.98	U	13.6	U	825		675		1160			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	396		453		130		87.1		68		56.2		71.5		598		420		895			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	54.5	U	33		49.5		8.86	U	9.35	U	6.63	U	20.6	U	93.5	U	59.7	U	65	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	155		186		49.3		21.5		23.1		13.3		21.6	U	266		191		447			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	325		359		118		12.6	U	24.7	U	13.2	U	34.5	U	512		416		705			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	285		327		88.9		18.7		14.1	U	6.08	U	13.6	U	354		332		576			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	412		498		123		26.3		26	U	9.46	U	34.1	U	653		535		921			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	2190		3300		993		82.1		15.1		9.77		31.9	U	5640		3930		7530			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	820		608		153		32.5		13.3	U	10.4	U	22.6	U	519		440		818			
OCDD	3268-87-9	ppt-TOC	95700		119000		40100		32000		32100		22200		39300		139000		85600		215000			
OCDF	39001-02-0	ppt-TOC	10300		13300		3530		429		58.9		48.2		65.1		20200		15300		31300			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	25200		29900		12300		5040		5460		3820		5630		38500		24400		68400			
Total HpCDF	38998-75-3	ppt-TOC	11700		15200		4630		451		77.6		47.9		50.9		21100		16000		32100			
Total HxCDD	34465-46-8	ppt-TOC	7520		8800		3570		2030		2450		1660		2380		11000		8150		18600			
Total HxCDF	55684-94-1	ppt-TOC	8080		10300		3480		315		25.1		26.4		25.5		14800		11700		21100			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	1980		2490		813		387		464		355		491		3130		2430		4500			
Total PeCDF	30402-15-4	ppt-TOC	8540		11400		3920		289		14.4		12.6		42.9		18100		12000		27600			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	4610		5830		1770		321		231		199		222		9660		7530		12800			
Total TCDF	55722-27-5	ppt-TOC	14300		18900		6360		628		68.5		60.6		44.1		35400		21200		48900			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED074		NB02SED074		NB02SED074			
	Sample Name		NB02SED073D-04		NB02SED073D-05		NB02SED073D-06		NB02SED073D-07		NB02SED073D-08		NB02SED073D-09		NB02SED073D-15		NB02SED074C-02		NB02SED074C-03		NB02SED074C-04			
	Date Collected		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/6/2007		11/6/2007		11/6/2007			
	Depth		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		23.5-25.5		0.5-1.5		1.5-2.5		2.5-3.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		Y		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	27200		3030		1410		996		1050		136		571		21200		29900		28900			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	17200		2690		413		103		52.9		7.31		128		21100		26000		32700			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	732		94		16.7		15.4	U	13.1	U	2.85	U	24.2	U	792		930		1120			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	228		55.1		25.6		28.5		24.5		7.05	U	51.3	U	233		291		258			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	3310		527		80.4		35.7		19.7		6.1	U	78.2		4130		4940		6920			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1700		168		56.5		46.9		41.8		8.31	U	71.3		1400		1760		1830			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1010		146		25.9		13.2		9.25	U	3	U	24.4	U	1230		1450		1990			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	807		148		69.1		57.5		57.1		8.21	U	94.4		732		844		846			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	54.7	U	32.5		7.7	U	13.7	U	8.58	U	2.52	U	23.6	U	39.4	U	99.7	U	69.2	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	340		49.9		23.4		23.9		18		4.31	U	36.5		310		397		362			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	610		55		13.4		11.5		11.7	U	3.63	U	63.3		665		732		1010			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	511		89.6		17.8		15.6	U	6.88	U	3.28	U	17.8	U	572		582		931			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	898		40.1	U	24.2		17		13.7	U	3.9	U	79		1040		1050		1680			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	12500		655		123		62.1		31.1		2.85	U	72.7	U	7960		14700		17600			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1110		56.8		26.3		15.5		12.3	U	2.9	U	144		1300		1030		1420			
OCDD	3268-87-9	ppt-TOC	228000		49100		28000		16700		24200		3380		3770		172000		255000		264000			
OCDF	39001-02-0	ppt-TOC	30400		4290		674		169		105		25.2		253		32500		41800		49400			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	78700		9400		4780		3930		3980		406		2650		54300		66200		67300			
Total HpCDF	38998-75-3	ppt-TOC	29300		3810		591		158		52.9		7.31		214		32400		40500		49700			
Total HxCDD	34465-46-8	ppt-TOC	22900		3690		1830		1810		1810		122		10100		14700		15500		16400			
Total HxCDF	55684-94-1	ppt-TOC	17800		2120		315		125		52.8		7.08	U	172		20700		24000		30600			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	4920		925		370		386		472		38		6850		3790		4310		4500			
Total PeCDF	30402-15-4	ppt-TOC	26500		2100		399		158		97.5		8.29	U	263		22600		25400		34300			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	16900		1540		298		215		233		9.6		4990		12700		21000		23900			
Total TCDF	55722-27-5	ppt-TOC	50800		4190		800		306		68.3		22.9		357		38700		38700		64800			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074	
	Sample Name		NB02SED074C-05		NB02SED074C-06		NB02SED074C-07		NB02SED074C-08		NB02SED074C-09		NB02SED074C-10		NB02SED074C-11		NB02SED074C-12		NB02SED074C-13		NB02SED074C-14			
	Date Collected		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007			
	Depth		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		Y		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	20200		32800		18000		63000		21300		13300		8880		7090		6140		1160			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	17200		48700		25900		63600		53700		20500		24100		23400		6070		3280			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	828		1620		963		1990		1480		772		738		859		786		308			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	250		394		199		375		233		132		138		111		61.6		31			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	3910		11100		6390		12300		13500		4310		3680		3580		879		623			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1620		2220		1340		3100		1350		906		714		660		299		102			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1180		2820		1480		3260		3400		1190		1280		1630		676		555			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	773		1060		612		1190		549		364		346		285		161		70.8			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	343		57.8	U	74.2	U	69.2	U	121	U	55.7	U	86.3	U	54.9	U	113	U	49	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	383		653		358		711		337		180		209		164		78.7		43.8			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	801		1150		518		1020		1120		414		409		403		323		285			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	508		1050		538		1180		1020		391		593		724		270		140			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1080		1690		970		1800		1680		538		605		631		297		168			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	30200		80100		8830		60000		25300		1230		78.6		56.1		33		51.9			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1140		1460		849		1910		634		352		344		302		431		357			
OCDD	3268-87-9	ppt-TOC	176000		307000		172000		572000		168000		110000		85100		69400		91700		33500			
OCDF	39001-02-0	ppt-TOC	31000		81100		46200		129000		89200		33100		24100		18400		8070		2580			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	46400		75900		43100		150000		44800		26400		19000		14600		22200		2950			
Total HpCDF	38998-75-3	ppt-TOC	29800		73900		42100		121000		85300		37900		39000		37000		12200		5100			
Total HxCDD	34465-46-8	ppt-TOC	14200		18000		10700		25500		11200		6670		6320		5590		3780		1450			
Total HxCDF	55684-94-1	ppt-TOC	20000		45600		24700		57400		49900		20500		24400		24200		10100		5590			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	4030		5870		3710		10500		4510		2720		2780		2400		1240		703			
Total PeCDF	30402-15-4	ppt-TOC	39900		81600		36500		56300		30800		13500		18300		14700		7060		3870			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	36300		90500		14900		82600		33700		11400		1640		1160		876		595			
Total TCDF	55722-27-5	ppt-TOC	87800		163000		77600		109000		41700		12500		13200		10600		6380		4130			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB02SED074		NB02SED074		NB02SED074		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075	
	Sample Name		NB02SED074C-15		NB02SED074C-16		NB02SED074C-17		NB02SED075F-01		NB02SED075F-02		NB02SED075F-03		NB02SED075F-04		NB02SED075F-05		NB02SED075F-06		NB02SED075F-07			
	Date Collected		11/6/2007		11/6/2007		11/6/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007			
	Depth		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	1110		1050		1080		10800		15300		15900		11600		14800		16400		20200			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	3090		2570		513		11100		13600		15900		11200		13600		16700		19100			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	326		276		73.4		467		562		761		479		550		646		832			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	37.7		28.9		37.8		179		201		236		177		229		244		236			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	614		445		154		2400		2860		3280		2490		2760		3510		3760			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	87.3		68.8		73.4		676		905		1080		668		897		1130		1470			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	638		467		100		736		1050		1460		786		966		1220		1460			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	77.2		57.3		74		388		502		557		397		509		577		672			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	134		104		41.3		37.6	U	56.9		107		55.8	U	68.5		85.2		88.6			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	42.4		30		32.1		209		234		273		180		216		268		368			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	321		212		118		336		517		897		397		504		629		860			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	188		112		69.2		319		469		797		332		465		571		755			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	180		129		112		514		752		1310		510		687		858		1300			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	15.3		22.1		17.7		2290		10700		3540		2520		2920		4230		7090			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	331		219		274		621		1090		2000		589		685		861		2010			
OCDD	3268-87-9	ppt-TOC	39600		35900		36900		106000		138000		134000		110000		135000		143000		175000			
OCDF	39001-02-0	ppt-TOC	2470		2330		1410		18800		20400		21200		17400		20100		23000		30800			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	3050		2750		3140		26400		39800		34200		29300		34100		38300		43600			
Total HpCDF	38998-75-3	ppt-TOC	4580		3720		846		16600		21100		24900		16900		21000		25600		33300			
Total HxCDD	34465-46-8	ppt-TOC	1470		1190		1870		6950		9380		9380		7300		8970		10700		12300			
Total HxCDF	55684-94-1	ppt-TOC	4940		3730		994		10900		13900		18600		11500		14400		17500		21900			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	722		530		885		2600		2810		3330		2210		2530		3300		4020			
Total PeCDF	30402-15-4	ppt-TOC	3550		2730		1440		8620		14600		18700		10000		13000		17400		25100			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	604		537		888		6210		13800		6990		5660		5920		7450		11400			
Total TCDF	55722-27-5	ppt-TOC	3840		3450		2920		13000		20000		31100		12900		17000		23300		37900			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

			Location ID		NB02SED075		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076	
			Sample Name		NB02SED075F-08		NB02SED076D-01		NB02SED076D-02		NB02SED076D-03		NB02SED076D-04		NB02SED076D-05		NB02SED076D-06		NB02SED076D-07		NB02SED076D-08		NB02SED076D-09	
			Date Collected		12/7/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007	
			Depth		9.5-10.7		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	22200		10100		29100		27900		48800		33800		25600		24900		12500		11300			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	21800		16000		33800		33400		33500		40800		45600		196000		60900		43100			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	890		500		1040		1030		1000		1360		1430		3900		1380		1030			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	272		153		277		241		248		338		284		405		132		114			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	3860		3250		5180		7260		7580		7390		10300		42800		12100		6700			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1550		623		1860		1810		2130		2300		1790		1550		741		727			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1830		938		1450		2100		2150		2160		2700		11400		2670		1840			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	705		358		880		745		836		1040		738		664		326		304			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	119		28.4	U	86.9		37.1	U	68.1	U	81.9		38.1	U	37.2	U	21.5	U	29.2	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	356		157		469		342		345		545		594		621		166		153			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	909		415		634		849		913		990		874		3150		725		405			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	902		325		654		703		778		858		803		2700		700		605			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1490		600		937		1160		1320		1460		1360		4330		894		718			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	7610		4040		7430		16800		16600		51200		25600		55400		664		56.5			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	3040		735		1050		1340		1210		1600		1940		1220		425		321			
OCDD	3268-87-9	ppt-TOC	174000		92300		248000		260000		418000		345000		225000		214000		123000		120000			
OCDF	39001-02-0	ppt-TOC	30600		22500		59200		51000		51700		70300		79900		272000		83400		37600			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	45100		25300		66800		80700		214000		80900		58400		58000		27500		35600			
Total HpCDF	38998-75-3	ppt-TOC	39000		22400		47600		51000		52200		63200		71800		236000		80000		64600			
Total HxCDD	34465-46-8	ppt-TOC	12200		7460		15000		20200		37700		19500		14500		16600		6400		7110			
Total HxCDF	55684-94-1	ppt-TOC	23500		13700		23900		32200		31800		34800		42200		143000		39100		31800			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	3830		2360		4420		5370		5220		5680		6390		10100		2610		2410			
Total PeCDF	30402-15-4	ppt-TOC	26100		14200		33200		34600		36800		64400		66900		89100		21300		18700			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	10700		7270		13600		24100		23500		59500		37100		75800		10700		1130			
Total TCDF	55722-27-5	ppt-TOC	43200		18300		44800		49800		53100		126000		110000		86800		15600		12800			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED077		NB02SED077			
	Sample Name		NB02SED076D-10		NB02SED076D-11		NB02SED076D-12		NB02SED076D-13		NB02SED076D-14		NB02SED076D-15		NB02SED076D-16		NB02SED076D-17		NB02SED077C-01		NB02SED077C-02			
	Date Collected		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		11/15/2007		11/15/2007			
	Depth		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	4080		1260		931		1140		1220		955		1070		1190		7430		17800			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	21100		955		19.2		24.4		25.3		21.8		19.3		59.7		13500		20400			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	790		117		2.02	U	4.74	U	6.83	U	2.54	U	3.16	U	8.07	U	493		703			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	66		23.4		19.9		15.9		20.3		14.5		17.2		17.3	U	133		213			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	2660		171		9.27		7.11		8.71		6.78		6.09		19.6		4080		4720			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	297		60.3		31.3		33.8		32.9		27.2		31.5		34.7		523		1290			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1070		136		2.44		1.54	U	6.27	U	2.14	U	2.25	U	4.01	U	908		1380			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	153		63.8		45.6		54.4		60.9		42.5		45.2		43.6		316		656			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	54		37.8		1.09	U	2.12	U	8.79	U	3.09	U	3.19	U	5.6	U	26.1	U	47.5	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	79.9		22.8		14		11		13.9		9.65		11.3		11.8	U	139		321			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	286		62.2		5.48		5.43	U	7.34	U	4.87	U	4.78	U	13.6	U	352		630			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	395		94.2		1.83		1.68	U	6.76	U	2.35	U	2.46	U	4.38	U	375		563			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	350		85.3		6.14		5.27	U	7.52	U	4.6	U	4.46	U	13.3	U	799		977			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	50.5		106		5.56		3.2	U	4.25		5.63	U	4.64		19.1	U	4840		11400			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	241		66		10.7		4.56	U	8.26	U	4.33	U	6.72		14.4	U	480		939			
OCDD	3268-87-9	ppt-TOC	56600		38300		23700		30100		34700		29000		36000		45900		69700		147000			
OCDF	39001-02-0	ppt-TOC	15200		1440		38		49.4		64.1		51.3		46.1		174		22100		30600			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	12000		4380		3710		4550		5050		4330		5010		5380		18200		44300			
Total HpCDF	38998-75-3	ppt-TOC	31500		1860		19.2		24.4		25.3		21.8		19.3		59.7		18100		30300			
Total HxCDD	34465-46-8	ppt-TOC	3400		1610		1560		1800		2090		1730		1930		1980		5760		14800			
Total HxCDF	55684-94-1	ppt-TOC	16600		1510		17.4		13.8		12.7		14.9		13.6		19.1		12000		20800			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	1270		531		369		413		515		413		426		443		2010		3790			
Total PeCDF	30402-15-4	ppt-TOC	9220		1170		18.2		80		4.4		41.2		33.8		22.9		12200		25600			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	744		419		187		238		324		271		226		157		9800		16300			
Total TCDF	55722-27-5	ppt-TOC	7380		1300		59.8		42.9		13.9		43.2		54.5		28.5		16500		40200			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED078	
	Sample Name		NB02SED077C-03		NB02SED077C-04		NB02SED077C-05		NB02SED077C-06		NB02SED077C-07		NB02SED077C-08		NB02SED077C-09		NB02SED077C-10		NB02SED077C-11		NB02SED078H-02			
	Date Collected		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		10/25/2007			
	Depth		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		0.5-1.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		Y		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	22500		31000		28900		13000		1080		1170		1090		838		871		10500			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	24400		71600		93900		18700		2960		1370		569		416		385		46600			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	799		2760		2180		763		281		87.6		70.8		59.1		50.6		1070			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	243		444		335		184		32.8		30.9		32.1		23.8		25.2		157			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	5320		16600		20200		3680		495		252		158		115		132		7700			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1750		2370		1710		910		65.3		68		61.3		47.5		48		615			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1520		4700		5120		1390		590		127		102		74		83.9		1970			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	818		1120		820		454		60.6		61.6		61.3		51.3		41.9		367			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	54.8	U	262		83.5	U	58.3	U	21.4	U	45.6		46.3		35.8		31.3		68.9	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	372		671		634		283		28.7		29.6		29.2		23.2		26		160			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	735		2790		1560		586		252		116		110		78.7		93.5		551			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	623		1210		1400		441		153		75.1		74.8		74.9		72		505			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1150		1860		2270		603		141		99.4		115		66.1		112		590			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	25200		85600		76200		7130		61.9		312		14.7		26.1		46.5		4660			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	997		1520		1890		976		232		181		190		108		155		512			
OCDD	3268-87-9	ppt-TOC	201000		302000		291000		144000		38500		39500		48500		35100		33900		101000			
OCDF	39001-02-0	ppt-TOC	39300		128000		140000		32900		2540		2790		1870		1430		879		70300			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	51100		72200		62500		29200		2850		3200		3010		2330		2410		24700			
Total HpCDF	38998-75-3	ppt-TOC	36600		98400		120000		30300		4170		1860		917		726		624		54800			
Total HxCDD	34465-46-8	ppt-TOC	15900		20200		13900		7370		1260		1300		1270		1070		992		7000			
Total HxCDF	55684-94-1	ppt-TOC	23100		55300		67100		19200		4260		1390		1070		734		665		25100			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	4140		6810		7320		3070		577		610		598		499		406		2110			
Total PeCDF	30402-15-4	ppt-TOC	34500		71600		78000		32000		3120		1830		1420		1070		911		14600			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	31000		95800		92100		12000		561		892		529		418		315		7530			
Total TCDF	55722-27-5	ppt-TOC	54800		134000		117000		52600		3070		3120		2420		1550		1500		16100			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Location ID			NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		
Sample Name			NB02SED078H-03		NB02SED078H-04		NB02SED078H-05		NB02SED078H-06		NB02SED078H-07		NB02SED078H-08		NB02SED078H-09		NB02SED078H-10		NB02SED078H-11		NB02SED078H-12		
Date Collected			10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		
Depth			1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		
HasFieldDuplicate			N		N		Y		N		N		N		N		N		N		N		
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	13900		20200		26400		26300		30400		32100		29300		29300		37800		43700			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	21100		25600		23800		30000		40500		28800		33000		25500		42400		59800			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	686		793		776		1030		1160		1200		1080		850		1280		1990			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	162		184		221		253		234		298		356		295		378		687			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	4650		4570		4540		5650		7590		5310		5870		4780		9020		12100			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	881		1280		1790		1940		1850		2380		2080		1940		2430		3110			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1260		1340		1330		1570		2180		1640		1650		1310		2280		2910			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	453		628		816		842		720		1080		1020		947		1100		1470			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	48.8	U	50.2	U	245		328		363		371		355		282		409		652			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	198		252		356		437		308		452		556		552		670		994			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	570		607		581		690		921		867		811		635		898		1140			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	436		500		677		613		738		831		678		538		930		1320			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	709		1210		970		968		1520		1750		1090		870		1370		1790			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	4190		4640		7510		10400		12700		73100		52500		30300		44700		84300			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	640		1110		902		1090		1260		1880		1280		1310		1460		2970			
OCDD	3268-87-9	ppt-TOC	122000		181000		234000		231000		305000		323000		310000		353000		508000		507000			
OCDF	39001-02-0	ppt-TOC	28500		42100		37000		50400		61900		54000		57800		44700		74800		119000			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	34000		44200		57900		55700		64300		71300		67100		64100		82700		94800			
Total HpCDF	38998-75-3	ppt-TOC	28800		35500		35000		44900		58200		47300		50400		41200		66400		91500			
Total HxCDD	34465-46-8	ppt-TOC	9220		11000		13600		14500		15900		19100		17200		14600		17000		22900			
Total HxCDF	55684-94-1	ppt-TOC	17900		19300		20500		26500		32900		26300		28600		22900		35700		49300			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	2490		3230		3790		3890		4090		4420		4940		4080		5410		7570			
Total PeCDF	30402-15-4	ppt-TOC	13500		20100		24600		33600		35400		44000		75700		90100		83000		99800			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	7240		8460		11700		15500		17800		78700		60100		35600		52600		94600			
Total TCDF	55722-27-5	ppt-TOC	23600		26100		30800		45100		54600		82100		156000		191000		176000		223000			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079	
		Sample Name	NB02SED078H-13		NB02SED078H-14		NB02SED078H-15		NB02SED078H-16		NB02SED078H-17		NB02SED079C-01		NB02SED079C-02		NB02SED079C-03		NB02SED079C-04		NB02SED079C-05			
		Date Collected	10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007			
		Depth	19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	28300		41100		40900		60600		8240		10200		28300		24000		19000		40100			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	81700		106000		89000		209000		82100		15500		31400		19600		15500		54900			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	2150		3090		2100		4160		1510		1180		1000		793		595		1680			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	349		493		350		483		151		139		294		267		200		378			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	16500		24300		16600		39100		16000		3710		5800		4070		3090		11200			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1870		2770		2130		2310		513		623		1840		1700		1290		2140			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	4230		5390		4460		10100		4630		1020		1720		1240		935		3030			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	872		1220		850		883		236		358		885		822		612		1030			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	585		797		593		1170		457		83.8		30.8	U	54.8		232		511			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	630		948		907		995		201		158		468		390		334		668			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	1470		1400		1290		2870		1360		437		821		874		480		1100			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	1320		1630		1410		2870		1120		659		737		610		434		991			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	2040		2640		1910		4760		1630		626		1180		1270		704		1550			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	83400		27700		111000		139000		7250		3710		16000		25400		26100		64800			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	2250		2480		2190		1870		340		709		1190		1340		952		1540			
OCDD	3268-87-9	ppt-TOC	306000		424000		397000		713000		69400		96400		238000		216000		191000		385000			
OCDF	39001-02-0	ppt-TOC	129000		167000		137000		328000		101000		22600		47600		32800		25100		88000			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	63000		88100		86400		126000		17900		25100		68100		57800		45300		115000			
Total HpCDF	38998-75-3	ppt-TOC	108000		145000		128000		261000		94700		22100		44300		31900		25700		78600			
Total HxCDD	34465-46-8	ppt-TOC	13600		19800		18600		24700		5600		7090		16700		15500		11100		21300			
Total HxCDF	55684-94-1	ppt-TOC	57200		80000		68900		144000		56500		14200		26200		21500		16300		46400			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	5770		9480		10700		21400		2860		2180		4820		4320		3300		6770			
Total PeCDF	30402-15-4	ppt-TOC	90200		108000		83900		102000		33500		12600		33300		38800		40300		72800			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	94500		45100		141000		176000		9000		6460		22300		30600		30500		76800			
Total TCDF	55722-27-5	ppt-TOC	161000		180000		161000		150000		23900		16800		44500		67400		76200		129000			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED080		NB02SED080			
	Sample Name		NB02SED079C-06		NB02SED079C-07		NB02SED079C-08		NB02SED079C-09		NB02SED079C-10		NB02SED079C-11		NB02SED079C-12		NB02SED079C-13		NB02SED080C-01		NB02SED080C-02			
	Date Collected		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		11/27/2007		11/27/2007			
	Depth		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		0.0-0.5		0.5-1.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	56700		14600		11700		5440		1760		638		826		2060		8890		10400			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	119000		61500		37100		26900		3760		1670		251		327		32600		32300			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	2550		1320		879		981		559		170		25.9		60.6	U	1150		1040			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	425		150		120		80.9		34.7		21.1		22.7	U	83.6	U	156		166			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	24700		11500		5340		2700		609		304		58.3		86.3		9810		9370			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	3820		897		795		394		111		50.9		40.5		235	U	625		648			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	6500		2470		1370		1130		586		326		55.6		56.2	U	1910		1850			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	1480		405		324		185		78		46.4		57.1		232	U	352		381			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	848		376	U	42.3	U	46.3	U	56.5		14.9	U	19.1		36.9	U	22	U	49.8	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	979		186		151		104		44.3		24.9		19.9		65.5	U	168		173			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	1970		722		347		344		310		174		36.8		40		487		561			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	1950		690		594		448		227		207		50.1		62.8	U	571		589			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	3000		893		663		424		181		99.1		48.8		71.7	U	1140		1040			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	84500		1730		115		84.8		29.3		15.4		14.7	U	356		5250		11300			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1990		481		321		217		247		116		53.5		122	U	548		573			
OCDD	3268-87-9	ppt-TOC	457000		144000		131000		70200		38000		20100		21100		43800		87400		96400			
OCDF	39001-02-0	ppt-TOC	175000		81300		32800		19100		4030		1010		270		739		54800		53800			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	221000		44500		37300		16200		4140		1850		3030		7170		23300		27900			
Total HpCDF	38998-75-3	ppt-TOC	151000		79200		55700		40000		7460		2530		370		509		39800		39900			
Total HxCDD	34465-46-8	ppt-TOC	77700		10700		9010		4260		1520		1140		2350		3510		6860		9010			
Total HxCDF	55684-94-1	ppt-TOC	92900		40300		28200		20200		7840		3040		441		160		24600		24500			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	17900		3140		2630		1550		726		585		957		1150		2770		2690			
Total PeCDF	30402-15-4	ppt-TOC	85600		24100		16500		10700		5160		2300		436		49.1		16200		17400			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	117000		9900		1340		983		624		509		706		867		9460		15000			
Total TCDF	55722-27-5	ppt-TOC	142000		18300		11800		8200		5470		2490		739		903		17700		19700			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Location ID			NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED082		NB02SED082		NB02SED082		
Sample Name			NB02SED080C-03		NB02SED080C-04		NB02SED080C-05		NB02SED080C-06		NB02SED080C-07		NB02SED080C-08		NB02SED080C-09		NB02SED082B-01		NB02SED082B-02		NB02SED082B-03		
Date Collected			11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/19/2007		11/19/2007		11/19/2007		
Depth			1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5		
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		
HasFieldDuplicate			N		N		Y		N		N		N		N		N		N		N		
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	11100		14600		21800		27500		13700		18700		1730		8230		28200		20000			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	18300		27000		24900		32000		22300		30500		2430		4650		6940		11700			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	601		837		743		1000		652		908		85.7		306		466		825			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	154		184		210		284		158		222		26.5		107		160		226			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	4810		6040		5240		7120		6080		7220		505		893		1440		2300			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	712		975		1450		1890		1000		1410		106		461		816		1330			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1310		1640		1510		1960		1540		1870		178		401		626		1040			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	391		512		729		926		415		680		68.3		274		444		692			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	212		84.8		282		87.5		87.7	U	67.7	U	30.6		28.1		45.3		66.2			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	177		246		315		470		252		352		30.3		99.7		156		246			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	572		715		664		828		705		953		73.3		255		406		613			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	428		546		598		841		512		665		90.7		255		400		678			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	646		942		1160		1170		1130		1140		144		344		556		841			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	5230		6430		6420		12500		12100		35700		1160		960		1640		2630			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	626		936		1000		964		746		794		56.6		472		739		1100			
OCDD	3268-87-9	ppt-TOC	100000		126000		191000		235000		115000		177000		26600		85900		241000		200000			
OCDF	39001-02-0	ppt-TOC	25100		41300		38000		48100		32700		47900		3450		7680		12800		20400			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	27300		35500		50000		60000		31000		41900		4520		19600		57900		45000			
Total HpCDF	38998-75-3	ppt-TOC	24900		35200		34400		45600		31000		42400		3300		9070		13400		21000			
Total HxCDD	34465-46-8	ppt-TOC	8810		10600		12600		14900		9530		12200		1440		4730		8530		12000			
Total HxCDF	55684-94-1	ppt-TOC	16700		20700		20700		28000		22000		27000		2120		6710		9400		15000			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	2410		3020		3770		4490		3300		3770		416		1490		2370		3670			
Total PeCDF	30402-15-4	ppt-TOC	16100		19400		22500		34300		25000		43700		2370		7370		10900		16400			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	8270		10700		11100		19200		17200		41900		1650		2790		4150		6780			
Total TCDF	55722-27-5	ppt-TOC	21900		26200		29500		46200		38300		70200		3410		9910		16300		23800			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Location ID			NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED088		NB02SED088		NB02SED088		NB02SED088		NB02SED089	
Sample Name			NB02SED082B-04		NB02SED082B-05		NB02SED082B-06		NB02SED082B-07		NB02SED082B-08		NB02SED088G-01		NB02SED088G-02		NB02SED088G-03		NB02SED088G-04		NB02SED089C-01	
Date Collected			11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/13/2007		11/13/2007		11/13/2007		11/13/2007		11/9/2007	
Depth			2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-12.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
HasFieldDuplicate			N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	14600		36600		22800		17000		27600		1580		472		610		2330		10900	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	7340		22400		11400		12800		18400		933		348		771		260		12200	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	450		1650		1320		1280		1190		80.4		57.6		124		41.6		2310	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	132		352		246		218		176		38.2		16.7		20.7		41.1		134	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	1260		4580		2770		3040		2930		189		141		152		67.1		2580	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	827		1990		1520		1330		1190		96.8		37		41.6		206		612	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	525		1820		1170		1120		979		105		70		96.7		34.4		1270	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	414		895		723		589		466		70.2		34		31.6		126		349	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	196		108		111		88.3		70.4		42.1		38.6		35.7	U	18.9		168	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	149		343		290		298		236		33.7		21.9		18.1		34.4		127	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	324		1070		1040		827		432		101		91.3		70.8		46.3		444	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	326		1130		748		525		440		80.4		39.7		75.4		26		487	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	403		1460		1170		981		604		95.4		63.4		47.3		38.6		421	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1250		3410		8860		13400		5810		178		14.6		5.14		6.99		1550	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	610		1730		1880		1300		481		157		101		78.7		68.7		551	
OCDD	3268-87-9	ppt-TOC	140000		382000		230000		179000		320000		31600		18800		19200		49500		109000	
OCDF	39001-02-0	ppt-TOC	13400		45100		25400		28000		44100		1790		1140		1410		1200		25800	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	31300		75700		48400		35800		61400		3890		1200		1450		5190		28300	
Total HpCDF	38998-75-3	ppt-TOC	13300		42300		25400		28200		46100		1650		571		1190		393		23600	
Total HxCDD	34465-46-8	ppt-TOC	7400		17900		13200		10900		9210		1370		604		597		2330		6530	
Total HxCDF	55684-94-1	ppt-TOC	8320		26300		17600		18200		21400		1610		763		941		493		15900	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	2050		5810		3730		3620		3810		604		394		290		774		1700	
Total PeCDF	30402-15-4	ppt-TOC	9190		27900		27000		28400		14800		1740		949		696		584		10500	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	3480		9150		12400		17600		11500		779		404		240		274		4010	
Total TCDF	55722-27-5	ppt-TOC	13400		39400		43500		49600		20800		2640		1550		1060		886		14200	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089	
	Sample Name		NB02SED089C-02		NB02SED089C-03		NB02SED089C-04		NB02SED089C-05		NB02SED089C-06		NB02SED089C-07		NB02SED089C-08		NB02SED089C-09		NB02SED089C-10		NB02SED089C-11			
	Date Collected		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007			
	Depth		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		Y		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	30600		37700		29100		27600		25300		20000		24900		44200		31600		1400			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	18300		18000		14300		15300		24300		14000		20500		34500		27600		1130			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	1580		2070		1350		1410		1630		993		1240		1660		1250		116			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	264		324		289		262		270		219		219		261		160		31.1			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	3690		3470		2860		3150		4810		2970		3570		5210		5340		256			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1640		2380		1900		1920		1730		1290		1340		1860		1100		84.5			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1390		1540		1140		1230		1680		895		1180		1760		1420		126			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	698		1040		886		858		760		570		563		658		370		60			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	117	U	176	U	179	U	401	U	181	U	78.4	U	73.5	U	321	U	344		62.4	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	256		353		354		392		375		325		414		597		187		30.6			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	893		1180		1010		1030		1170		594		603		674		574		112			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	862		1060		685		648		742		463		501		735		543		116			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1110		1320		1100		1030		1040		744		667		1170		762		95.9			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	3370		6560		20600		17700		13500		7550		16500		48800		7880		250			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1280		1430		1240		1060		1420		919		649		593		331		148			
OCDD	3268-87-9	ppt-TOC	314000		419000		311000		328000		259000		192000		258000		492000		350000		36300			
OCDF	39001-02-0	ppt-TOC	36300		39100		31400		31900		47800		28800		42600		66400		54800		2320			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	66500		83900		60400		60400		52800		40900		48500		94500		72800		3570			
Total HpCDF	38998-75-3	ppt-TOC	35200		37700		29700		32000		43600		31400		44900		68300		56600		1990			
Total HxCDD	34465-46-8	ppt-TOC	13800		19200		15200		15500		13100		10900		10200		13500		9090		1330			
Total HxCDF	55684-94-1	ppt-TOC	21800		24300		19500		20400		25000		18300		22600		32900		26000		1660			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	3690		4940		3800		3950		4060		3680		4610		9990		2650		580			
Total PeCDF	30402-15-4	ppt-TOC	22200		28200		37700		37900		33600		26400		25800		31500		16600		1610			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	7190		11100		24600		21900		18600		13100		25500		67600		11000		775			
Total TCDF	55722-27-5	ppt-TOC	36500		43300		66500		73100		59900		45900		42200		68300		22600		2380			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

Location ID			NB02SED089		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090	
Sample Name			NB02SED089C-12		NB02SED090E-01		NB02SED090E-02		NB02SED090E-03		NB02SED090E-04		NB02SED090E-05		NB02SED090E-06		NB02SED090E-07		NB02SED090E-08		NB02SED090E-09			
Date Collected			11/9/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007			
Depth			17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5			
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
HasFieldDuplicate			N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	1410		15400		13300		27200		35700		33300		44200		90000		4620		798			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	873		6120		6550		11800		16200		11400		15200		32700		1530		177			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	78.3		381		370		676		860		801		887		1820		81.8		11.4	U		
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	27		180		181		249		266		309		345		500		36.2		18.3	U		
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	176		1100		1150		1920		2640		1810		2160		3770		176		25.2			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	85.5		940		870		1600		2550		2320		2360		3010		174		33.2			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	82.2		442		520		721		1040		856		919		1510		77.1		10.8			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	63.5		497		468		724		1010		1060		1060		1170		94.9		28.1			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	38.9		26.8	U	33.8		61		319	U	315	U	307		396		24.4		8.81	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	27		173		175		299		299		368		450		448		27.9		7.63			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	94.1		360		382		478		663		636		608		813		47		6.72			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	71.2		340		287		397		528		496		507		652		72		9.57			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	80.6		466		440		596		796		907		743		806		95.8		12.6			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	270		1520		1930		4190		3640		6060		13400		14900		542		75.9			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	160		796		775		952		1640		1720		1470		1270		77.5		11.3			
OCDD	3268-87-9	ppt-TOC	33200		126000		105000		226000		302000		299000		451000		794000		53000		11900			
OCDF	39001-02-0	ppt-TOC	1760		11400		11200		27700		30600		26600		45500		124000		5340		632			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	3420		43900		32300		67300		88500		71100		98000		170000		10500		2520			
Total HpCDF	38998-75-3	ppt-TOC	1540		12900		13500		25400		31700		26600		40400		96400		4410		486			
Total HxCDD	34465-46-8	ppt-TOC	1200		10900		11000		16000		24800		20300		20400		22800		1860		731			
Total HxCDF	55684-94-1	ppt-TOC	1210		8310		8550		13300		18100		15700		18800		32200		1560		174			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	498		2510		2740		3260		4100		3840		4160		4580		359		115			
Total PeCDF	30402-15-4	ppt-TOC	1350		9400		10400		16000		17000		24200		43600		34100		1790		237			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	651		4240		4400		7680		7180		9150		17400		19400		784		96.4			
Total TCDF	55722-27-5	ppt-TOC	2200		17700		18200		27400		31300		48000		94500		64000		3600		439			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED091		NB02SED091		NB02SED091		NB02SED091			
	Sample Name		NB02SED090E-10		NB02SED090E-11		NB02SED090E-12		NB02SED090E-13		NB02SED090E-14		NB02SED090E-15		NB02SED091C-01		NB02SED091C-02		NB02SED091C-03		NB02SED091C-04			
	Date Collected		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007			
	Depth		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		Y		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	471		970		703		878		1300		1220		11900		11900		25100		36600			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	24.2		14.4	U	4.97		7.73	U	9.52	U	17.7	U	11500		10300		15200		21500			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	2.59	U	4.96	U	2.88	U	4.12	U	6.92	U	6.27	U	419		449		603		952			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	13.1		27.1		15.1		19.1		35.4		38.4		155		168		269		323			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	6.13	U	6.44	U	4.37	U	4.62	U	6.15	U	8.85	U	2420		2520		3030		4390			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	15.8		35.7		23.9		32.7		51.5		45.6		685		814		1680		2200			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	6.3	U	7.04	U	4.39	U	5.08	U	6.9	U	9.31	U	710		758		977		1410			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	28		59		39.8		52.4		77.8		72.6		412		466		892		1070			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	5.67	U	9.77	U	6.09	U	3.2	U	7.28	U	13.1	U	46.2	U	115	U	33.7	U	93.7			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	8.03		34.7	U	7.49	U	16.7	U	19.1		19.8		153		202		428		409			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	7.27	U	9.93	U	7.34	U	6.8	U	10.3	U	12.2	U	373		466		575		827			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	4.37	U	7.74	U	4.78	U	2.56	U	5.83	U	10.1	U	312		375		538		754			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	7.4	U	9.55	U	7.28	U	6.8	U	10.3	U	12.6	U	498		669		782		1260			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	9.54		12.1	U	3.09		8.66	U	14.9	U	12.8	U	2520		4660		7310		10500			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	3.92	U	8.72	U	6.67	U	5.64	U	10.5	U	13.9	U	774		742		1100		1740			
OCDD	3268-87-9	ppt-TOC	11800		27300		20000		25400		35000		33400		116000		96200		215000		301000			
OCDF	39001-02-0	ppt-TOC	64.7		31.7	U	10.8		12.9		24.2	U	37.8	U	19100		14400		26800		40600			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	1800		3930		2730		3590		5570		5170		33300		28700		65400		90200			
Total HpCDF	38998-75-3	ppt-TOC	53.4		15.7	U	4.97		8.31	U	9.76	U	18.7	U	16800		16400		25200		36300			
Total HxCDD	34465-46-8	ppt-TOC	676		1690		1120		1570		2460		2150		7560		10400		14500		20900			
Total HxCDF	55684-94-1	ppt-TOC	15.6		5.6		2.93		7.04		15.2	U	18.6	U	10900		12000		16900		22900			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	145		177		151		318		528		477		2210		2700		3880		4840			
Total PeCDF	30402-15-4	ppt-TOC	13.3		12.6		17.5		21.2		52.7		83.9		9890		13600		24400		30100			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	28.6		59.2		86		102		213		187		6020		8180		12600		15900			
Total TCDF	55722-27-5	ppt-TOC	31.1		32.6		11.9		23.7		44.5		46.7		15200		23700		37700		53400			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

Location ID			NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091	
Sample Name			NB02SED091C-05		NB02SED091C-06		NB02SED091C-07		NB02SED091C-08		NB02SED091C-09		NB02SED091C-10		NB02SED091C-11		NB02SED091C-12		NB02SED091C-13		NB02SED091C-14			
Date Collected			11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007			
Depth			3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5			
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
HasFieldDuplicate			Y		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	24700		7340		1770		845		976		917		995		1000		1050		1800			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	30900		19900		4540		2690		2410		462		491		274		98.1		598			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	984		524		478		315		211		50.8		66.2		47.8		12		42			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	237		103		40.9		26.3		28.5		26.3		35.2		31.1		24.4		50.1			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	6250		3140		752		473		399		123		144		89.5		29.3		154			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1380		550		116		55.5		52.2		57.3		68.1		58.7		36.5		74.6			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1760		1070		741		500		450		75		87.3		65.9		21.9		142			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	638		277		88		51.9		54.1		52.4		64.8		61.2		52.5		89.5			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	53.3	U	33	U	179		40.3		28	U	39.1		45.1		29.4		15.2	U	44.6	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	333		125		46.3		28.1		26.7		28.6		27.9		20.2		21.8	U	44.9	U		
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	693		347		348		258		218		96.8		103		77.5		25		46.1			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	623		454		180		108		101		65		62		58		22.5		136			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	980		482		201		117		107		83.8		92.5		90.9		33		87.2			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	18700		53.3		17.9		13.7		19.2		15.8		20.4		12.1		11.7	U	17.4	U		
2,3,7,8-TCDF	51207-31-9	ppt-TOC	843		317		228		197		188		112		131		103		40.9		40.2			
OCDD	3268-87-9	ppt-TOC	221000		75500		40700		29200		37300		34800		37300		33000		26100		49000			
OCDF	39001-02-0	ppt-TOC	50800		18600		4650		2520		2090		1260		1360		670		204		259			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	59100		17600		4480		2540		2690		2520		2770		3520		4270		7880			
Total HpCDF	38998-75-3	ppt-TOC	50600		30600		7890		4010		3300		705		803		478		154		847			
Total HxCDD	34465-46-8	ppt-TOC	12300		4780		1580		1100		996		1100		1290		1570		1920		2260			
Total HxCDF	55684-94-1	ppt-TOC	29700		18800		7890		4330		3560		959		986		587		142		1120			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	4110		1860		748		531		502		549		542		413		551		570			
Total PeCDF	30402-15-4	ppt-TOC	28400		12200		5070		2900		2500		1360		1340		873		165		795			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	28300		1210		602		527		532		573		573		457		454		305			
Total TCDF	55722-27-5	ppt-TOC	47700		8540		4350		2980		2890		2390		2350		1660		558		773			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB02SED091		NB02SED091		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092	
	Sample Name		NB02SED091C-15		NB02SED091C-16		NB02SED092C-01		NB02SED092C-02		NB02SED092C-03		NB02SED092C-04		NB02SED092C-05		NB02SED092C-06		NB02SED092C-07		NB02SED092C-08			
	Date Collected		11/7/2007		11/7/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007			
	Depth		23.5-25.5		25.5-27.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		Y		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	1350		909		10400		24200		30100		46200		18300		18500		6720		37900			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	34.2	U	27.2		9630		22000		33200		17300		14500		27100		5020		39700			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	16.7	U	24.7	U	390		804		1240		811		642		905		211		1190			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	52.5	U	58.7	U	127		278		273		265		231		224		87		267			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	20.2	U	18.9	U	2370		4430		7490		4220		3500		6670		1230		7420			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	53.6		62.4	U	631		1840		1910		1860		1340		1200		585		2260			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	12.3	U	22.2	U	720		1380		2150		1220		1000		1620		329		1990			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	83.2		58.4		341		916		834		847		666		549		264		888			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	21.5	U	37.5	U	79.4	U	79	U	120	U	163		51.3	U	53	U	45.8	U	119	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	35.9	U	58.7	U	145		496		351		357		348		380		150		618			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	30	U	37.1	U	363		599		878		833		562		597		161		630			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	14.3	U	26.6	U	271		543		768		600		442		539		202		697			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	31.8	U	39.1	U	462		930		1460		1280		865		961		204		1060			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	20.9	U	22.6	U	3140		6250		11900		14400		30400		35600		7860		49500			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	16	U	26	U	584		888		1040		1030		842		827		215		1130			
OCDD	3268-87-9	ppt-TOC	25500		18100		90200		203000		252000		315000		175000		156000		62500		356000			
OCDF	39001-02-0	ppt-TOC	74.1	U	60.1	U	15700		36400		53900		33200		26000		48900		9700		81900			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	5840		4560		36900		77600		80900		104000		43600		51100		17700		79600			
Total HpCDF	38998-75-3	ppt-TOC	35	U	27.2		16200		34500		50500		32400		25500		41400		10300		78600			
Total HxCDD	34465-46-8	ppt-TOC	2430		1840		8830		14800		20100		23800		12100		11400		5720		16300			
Total HxCDF	55684-94-1	ppt-TOC	24.6	U	25.3	U	10200		20900		30800		21000		17100		24600		7020		36800			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	557		305		2380		3980		4640		5160		3480		3710		1720		8450			
Total PeCDF	30402-15-4	ppt-TOC	72		51.2		11300		32200		29300		31700		40900		42400		12300		43600			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	226		90.1		5930		12300		17500		19200		35400		41700		10100		69500			
Total TCDF	55722-27-5	ppt-TOC	117		69.3		17300		47600		47600		54900		83000		84300		20300		76500			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

Location ID			NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED093	
Sample Name			NB02SED092C-09		NB02SED092C-10		NB02SED092C-11		NB02SED092C-12		NB02SED092C-13		NB02SED092C-14		NB02SED092C-15		NB02SED092C-16		NB02SED092C-17		NB02SED093C-01		
Date Collected			11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		12/7/2007		
Depth			11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		
HasFieldDuplicate			N		N		N		N		N		N		N		N		N		N		
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	26100		12400		9080		7230		3000		740		933		850		1200		9330		
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	62600		21000		22800		16300		3920		1910		2030		1150		492		17600		
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	1700		676		757		680		649		192		232		128		70.9		547		
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	276		132		132		106		50.2		24.8		32.8		28.4		40.8		143		
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	15700		3600		3400		2140		608		380		410		228		168		4320		
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1770		807		688		600		223		64.5		70.3		50		74.9		660		
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	3950		1010		1210		956		549		397		431		216		113		1050		
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	674		342		312		253		119		52.7		61.7		49.8		76.9		337		
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	258	U	72.5	U	133	U	109	U	103	U	51.1	U	57.3	U	41.5	U	52.3		32.1		U
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	429		169		191		146		66.4		32.1		34.3		26.1		33.4		202		
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	1180		349		367		321		253		199		215		137		120		439		
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	1040		401		648		503		222		127		109		84.4		116		334		
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1840		443		562		421		209		123		143		93.5		106		667		
2,3,7,8-TCDD	1746-01-6	ppt-TOC	32400		465		74.8		43.1		21.9		12.6		13.5		10.8		22.8		14800		
2,3,7,8-TCDF	51207-31-9	ppt-TOC	513		258		346		246		297		328		243		168		306		677		
OCDD	3268-87-9	ppt-TOC	214000		113000		103000		71100		45900		25000		32400		31500		41600		94400		
OCDF	39001-02-0	ppt-TOC	108000		31700		22600		14400		6380		1530		2390		1370		1500		27200		
PCB-209	2051-24-3	ppt-TOC																					
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																					
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																					
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																					
Total HpCDD	37871-00-4	ppt-TOC	53700		25400		18000		14000		6080		1910		2590		2360		3790		24700		
Total HpCDF	38998-75-3	ppt-TOC	102000		37500		37100		27400		8960		2950		3070		1670		839		23900		
Total HxCDD	34465-46-8	ppt-TOC	13900		6370		6190		5010		2120		1090		1330		1050		2410		6980		
Total HxCDF	55684-94-1	ppt-TOC	57100		18900		24000		17600		8240		3620		3470		1870		1150		15800		
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																					
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																					
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																					
Total PeCDD	36088-22-9	ppt-TOC	5660		2660		2900		2260		1030		556		661		520		1230		2190		
Total PeCDF	30402-15-4	ppt-TOC	34700		13800		18700		12000		6190		2890		2760		1670		1570		16800		
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																					
Total TCDD	41903-57-5	ppt-TOC	42900		6500		1300		951		654		433		533		447		1040		18300		
Total TCDF	55722-27-5	ppt-TOC	30500		9440		10100		7370		4980		2880		3140		2340		3220		28600		
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																					
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																					

Table B-1
TOC-Normalized Dioxins/Furans

Location ID			NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		
Sample Name			NB02SED093C-02		NB02SED093C-03		NB02SED093C-04		NB02SED093C-05		NB02SED093C-06		NB02SED093C-07		NB02SED093C-08		NB02SED093C-09		NB02SED093C-10		NB02SED093C-11		
Date Collected			12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		
Depth			0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		
HasFieldDuplicate			N		N		N		N		N		N		N		Y		N		N		
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	20100		10500		9300		5550		2490		1200		952		907		815		435			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	63800		69900		41400		35900		5400		3970		2510		2140		418		189			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	1440		1430		937		778		726		335		242		196		57.4		20			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	243		132		97.2		93.5		45.4		30.8		31.7		29		27.9		16.2	U		
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	14100		14300		7100		4350		770		692		454		357		142		43.3			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1320		680		651		505		154		87.6		59.9		57.4		50.8		18			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	3380		2860		1430		1610		799		789		588		436		94.7		31.8			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	533		289		241		210		109		64.8		55.3		52.2		51.2		20.4	U		
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	73.4	U	69.1	U	57.6	U	54.3		194		123		30.4	U	75.6		37.1		10.6			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	427		168		126		108		64.4		40.1		30.2		29.5		26.6		22	U		
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	1390		923		336		387		291		308		249		190		102		23			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	1080		699		526		551		190		160		131		140		69.2		26.7			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1720		981		639		634		218		182		152		126		91.2		36.5			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	37200		1500		71.2		192		52.1		123		29.1		19.9		13.9		13.1			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1310		370		336		296		251		213		214		215		167		37.4			
OCDD	3268-87-9	ppt-TOC	169000		88000		84500		56000		46900		37200		34400		36900		30300		25500			
OCDF	39001-02-0	ppt-TOC	94800		95900		43600		23500		6760		2710		2750		1750		921		680			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	64000		31900		30600		16900		6090		3170		2730		2540		2370		1340			
Total HpCDF	38998-75-3	ppt-TOC	81500		85300		60200		52000		10900		6080		3680		3000		666		329			
Total HxCDD	34465-46-8	ppt-TOC	16500		8850		8040		5400		1870		1310		1270		1070		1060		475			
Total HxCDF	55684-94-1	ppt-TOC	50900		43600		29000		25700		8970		6270		3900		2930		873		230			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	5430		2890		2210		1690		941		663		608		532		468		158			
Total PeCDF	30402-15-4	ppt-TOC	47100		22200		14800		12500		5400		4060		2890		2180		1260		268			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	47500		15300		1130		1170		707		670		564		446		488		168			
Total TCDF	55722-27-5	ppt-TOC	75500		18000		9830		8560		4480		3610		3150		2600		2260		513			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB02SED093		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094	
	Sample Name		NB02SED093C-12		NB02SED094D-02		NB02SED094D-03		NB02SED094D-04		NB02SED094D-05		NB02SED094D-06		NB02SED094D-07		NB02SED094D-08		NB02SED094D-09		NB02SED094D-10			
	Date Collected		12/7/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007			
	Depth		17.5-19.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		Y		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	246		7060		8220		8140		6810		11800		13500		13200		11800		12800			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	69.3		25100		18500		17100		13100		30100		30100		27200		17600		21700			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	73	U	970		719		631		480		979		931		801		552		683			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	77.5	U	135		137		135		103		166		168		169		150		175			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	35.7	U	7740		5520		4670		3800		7590		7270		6430		3570		5050			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	81.3	U	497		500		518		419		710		750		778		665		733			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	34.9	U	1490		1200		1050		804		1530		1520		1520		1030		1320			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	76.4	U	295		286		312		228		409		431		428		375		410			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	35.9	U	38.5	U	37.4	U	33.2	U	85.2	U	86.3	U	124	U	109	U	150	U	129	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	51.7	U	140		147		134		113		176		175		195		161		176			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	42.3	U	378		393		427		303		436		470		529		421		492			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	22.7	U	368		355		391		301		482		500		542		378		524			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	42.3	U	878		719		657		581		854		852		869		625		737			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	39.7	U	2550		3460		3190		2310		3170		3220		10200		2960		4350			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	59.2	U	402		426		613		465		567		507		646		479		444			
OCDD	3268-87-9	ppt-TOC	6250		65900		72200		75200		64700		120000		141000		133000		116000		122000			
OCDF	39001-02-0	ppt-TOC	274	U	43900		31600		27900		20800		48800		49700		37400		25000		30800			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	753		17700		22100		20000		16400		28400		31300		31500		29100		29800			
Total HpCDF	38998-75-3	ppt-TOC	69.3		31600		24200		22700		17800		37500		38500		35400		24400		29400			
Total HxCDD	34465-46-8	ppt-TOC	258		5300		6260		6130		4980		7470		8390		8720		7410		8130			
Total HxCDF	55684-94-1	ppt-TOC	54.3	U	20700		17100		15000		11700		20700		20800		20300		14400		17700			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	165		2140		2230		2080		1730		2410		2340		2540		2250		2500			
Total PeCDF	30402-15-4	ppt-TOC	70.8	U	12900		12500		11700		10100		13800		14700		16100		12800		14700			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	125		6220		6960		6570		4860		6100		5920		13400		5430		6860			
Total TCDF	55722-27-5	ppt-TOC	82	U	13900		14200		14500		13100		16300		18300		20900		17000		18800			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED097		NB02SED097		NB02SED097			
		Sample Name	NB02SED094D-11		NB02SED094D-12		NB02SED094D-13		NB02SED094D-14		NB02SED094D-15		NB02SED094D-16		NB02SED094D-17		NB02SED097H-01		NB02SED097H-02		NB02SED097H-03			
		Date Collected	11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		12/6/2007		12/6/2007		12/6/2007			
		Depth	15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	11200		13000		13500		16300		19000		17000		19700		3210		980		1300			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	20200		20500		14700		23100		25700		24200		38600		1400		591		387			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	661		704		630		757		857		818		1300		127		108		62.3			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	157		169		189		207		237		223		219		44.5		37.1		33.8			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	4700		4420		3520		4960		5250		4450		6660		298		233		137			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	721		824		957		1040		1120		1040		1200		136		60.7		85.9			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1260		1150		1030		1430		1520		1320		2510		131		95.8		66.7			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	399		459		502		548		621		565		635		93.9		54		64.1			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	27.7	U	40	U	37	U	25.1	U	21.8	U	60.4	U	159		11.6	U	39.3	U	40.5			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	173		195		212		239		248		238		267		41		34		26.7			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	540		549		511		658		692		642		936		134		282		97.2			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	466		751		389		537		577		540		640		84.5		64.2		45.6			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	718		700		715		824		929		764		969		125		118		86.7			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	5100		4810		4890		7060		4890		5070		6250		233		17		8.69			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	826		798		872		982		992		1000		995		252		518		146			
OCDD	3268-87-9	ppt-TOC	102000		118000		109000		144000		175000		159000		187000		55300		37300		46400			
OCDF	39001-02-0	ppt-TOC	28100		30300		22300		32100		34900		43500		57600		3280		1970		769			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	26200		30800		30500		37900		42300		40300		45200		7820		2780		3670			
Total HpCDF	38998-75-3	ppt-TOC	27200		28300		23100		32500		36000		33100		50100		2540		1050		618			
Total HxCDD	34465-46-8	ppt-TOC	7620		8500		9110		10200		10600		10500		11300		1930		1330		1540			
Total HxCDF	55684-94-1	ppt-TOC	18300		17900		16100		20700		21900		19300		25300		1760		1210		846			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	2330		2520		2890		3140		3190		3260		3390		739		653		574			
Total PeCDF	30402-15-4	ppt-TOC	15300		16300		17900		20700		20500		18800		20900		2010		1940		1160			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	7890		7850		8380		10800		8430		8660		10000		1030		580		379			
Total TCDF	55722-27-5	ppt-TOC	20400		21500		24300		26600		25700		23800		27500		3450		3490		1780			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NB02SED097		NB02SED097		NB02SED097		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098	
	Sample Name		NB02SED097H-04		NB02SED097H-05		NB02SED097H-06		NB02SED098E-01		NB02SED098E-02		NB02SED098E-03		NB02SED098E-04		NB02SED098E-05		NB02SED098E-06		NB02SED098E-07			
	Date Collected		12/6/2007		12/6/2007		12/6/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007			
	Depth		2.5-3.5		3.5-5.5		5.5-7.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		Y		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	838		1170		739		12000		14200		16700		16500		13400		12900		13400			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	203		17.8		9.83		6250		7490		7910		9680		7300		8260		8530			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	28		9.84	U	5.09	U	346		464		448		514		474		471		511			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	21.6		25.1		20.2		138		172		191		201		162		166		178			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	71.4		9.08	U	4.99	U	1330		1690		1630		1990		1670		1810		1960			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	35.5		45.7		27.5		609		808		848		897		798		824		909			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	53.4		9.08	U	5.14	U	463		615		633		747		636		674		710			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	37.2		63.8		48.2		368		444		493		514		411		459		505			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	21.1		4.05	U	6.53	U	133		104	U	84.8	U	83.3	U	69.7	U	75.3	U	47.6	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	18		15.4		15.6		148		180		168		183		169		171		205			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	50		12.7	U	9.38	U	298		393		382		615		405		415		456			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	49.8		7.84	U	5.3	U	368		460		472		537		470		509		472			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	57.7		12.5	U	9.55	U	424		586		543		681		564		547		606			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	4.85		15.2	U	12.7	U	2480		2460		2160		2280		2670		2820		3750			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	93.8		10.1	U	6.99	U	652		941		869		1380		887		821		1020			
OCDD	3268-87-9	ppt-TOC	37200		37100		21100		117000		131000		152000		159000		118000		123000		121000			
OCDF	39001-02-0	ppt-TOC	233		73.5	U	28.1	U	13500		12800		12700		15600		12400		13400		13900			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	2610		4180		2840		37700		47300		56700		50300		41300		32600		32900			
Total HpCDF	38998-75-3	ppt-TOC	308		17.8		9.83		12000		14600		14900		17000		14100		15200		15900			
Total HxCDD	34465-46-8	ppt-TOC	938		1650		1240		7120		9710		10300		9830		9420		8350		8960			
Total HxCDF	55684-94-1	ppt-TOC	485		11.8		5.02		6960		9000		8870		10200		9220		9410		10400			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	327		277		223		1860		2380		2320		2470		2490		2400		2810			
Total PeCDF	30402-15-4	ppt-TOC	701		24.1		15.3		7830		10400		10000		11400		10900		11000		12800			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	244		122		119		5030		5730		4870		4890		5330		5240		6640			
Total TCDF	55722-27-5	ppt-TOC	1100		41.9		32.6		12800		17500		16500		18200		17700		17300		20700			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

			Location ID		NB02SED098		NB02SED098		NB02SED100		NB02SED101		NB02SED102		NB02SED104		NB02SED105		NB02SED106		NB02SED107		NB02SED108	
			Sample Name		NB02SED098E-08		NB02SED098E-09		NB02SED100B-01		NB02SED101A-01		NB02SED102A-01		NB02SED104C-01		NB02SED105A-01		NB02SED106B-01		NB02SED107B-01		NB02SED108A-01	
			Date Collected		12/12/2007		12/12/2007		12/7/2007		11/2/2007		10/30/2007		11/16/2007		11/1/2007		11/15/2007		11/6/2007		10/31/2007	
			Depth		9.5-11.5		11.5-13.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	15600		12600		10600		7380		7960		7340		4100		9680		13600		8650			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	7970		4130		485000		84900		14000		14100		4100		24700		13900		7270			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	612		237		9110		2550		512		477		167		964		527		271			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	184		79		329		136		124		115		68.3		150		187		103			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	1960		742		74300		19200		3140		3370		952		4560		2760		1400			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1150		755		870		507		466		411		259		617		781		428			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	709		264		16900		3800		824		853		292		1050		794		405			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	575		326		420		263		274		269		166		372		492		259			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	81	U	92.1		134	U	300	U	20.2	U	41.6	U	79.5		35.8	U	110	U	20.5	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	227		109		354		157		125		101		83.6		152		174		94.1			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	505		145		5260		756		309		288		168		419		413		408			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	461		238		2800		738		278		258		116		407		343		232			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	696		206		3290		1320		466		482		200		750		584		349			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	6840		2280		5130		3520		3250		2040		3620		3250		3140		1360			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1070		260		1970		435		388		482		258		560		670		836			
OCDD	3268-87-9	ppt-TOC	139000		140000		99600		76400		76600		75200		44400		97600		121000		95700			
OCDF	39001-02-0	ppt-TOC	15800		11200		911000		132000		21800		23100		6320		44800		21000		11500			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	36700		38700		26400		19100		19300		17200		11800		23100		34900		23900			
Total HpCDF	38998-75-3	ppt-TOC	18200		13000		527000		97800		19000		18500		6510		31700		20500		11300			
Total HxCDD	34465-46-8	ppt-TOC	10400		6470		9830		5330		5070		4550		3620		6130		9840		5000			
Total HxCDF	55684-94-1	ppt-TOC	11200		5220		197000		45800		11600		11100		4920		20200		12600		6550			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	3180		1620		5090		2430		1730		1470		1140		2360		2350		1430			
Total PeCDF	30402-15-4	ppt-TOC	17100		7280		67800		18800		7710		8440		7600		14000		11900		6050			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	10400		4340		11300		7160		5700		4380		5270		6730		5620		3780			
Total TCDF	55722-27-5	ppt-TOC	32100		14300		53400		16000		13200		10600		13700		15200		19000		9900			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

			Location ID		NB02SED109		NB02SED110		NB02SED111		NB02SED112		NB02SED113		NB02SED114		NB02SED115		NB02SED116		NB02SED118		NB02SED119	
			Sample Name		NB02SED109B-01		NB02SED110D-01		NB02SED111F-01		NB02SED112A-01		NB02SED113B-01		NB02SED114C-01		NB02SED115E-01		NB02SED116A-01		NB02SED118B-01		NB02SED119A-01	
			Date Collected		11/29/2007		12/11/2007		12/10/2007		11/7/2007		12/10/2007		12/11/2007		12/10/2007		11/9/2007		11/14/2007		11/9/2007	
			Depth		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	7460		11500		7070		12500		9010		11100		10300		16100		28500		25700			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	10800		7700		5370		8710		4450		6190		5990		7360		14700		8980			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	484		318		233		380		200		429		375		584		840		516			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	128		133		110		182		125		135		146		165		268		363			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	3660		1470		1190		1690		722		1310		1120		1580		2660		1190			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	462		557		446		677		511		696		596		1020		1860		1290			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	699		443		373		576		269		451		410		646		948		868			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	295		345		260		448		335		351		359		481		885		780			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	25.8	U	30.4	U	89.7		81.1	U	68.2		83	U	136		166	U	50.7	U	249			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	120		122		111		153		95.1		164		153		209		365		280			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	285		209		259		302		236		429		341		418		628		371			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	266		196		170		230		139		237		212		369		507		714	U		
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	559		293		309		398		234		410		354		555		726		396	U		
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1460		1720		1250		1910		673		4030		1230		3040		4550		462			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	409		390		533		571		543		655		410		599		1160		248			
OCDD	3268-87-9	ppt-TOC	72000		123000		67800		122000		90600		145000		107000		133000		239000		297000			
OCDF	39001-02-0	ppt-TOC	18300		12500		8510		14300		7000		10900		10300		14300		26300		14600			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	18200		32700		19000		35600		20900		27200		24400		36300		67000		58000			
Total HpCDF	38998-75-3	ppt-TOC	15100		12200		8800		14200		7890		12200		11500		14600		27300		19200			
Total HxCDD	34465-46-8	ppt-TOC	5090		6170		5450		8390		5960		7630		6580		8780		16300		10100			
Total HxCDF	55684-94-1	ppt-TOC	11100		7340		6320		8620		4840		8610		7810		10000		16300		16600			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	2100		1420		1470		2030		1350		2100		1760		2980		3890		2590			
Total PeCDF	30402-15-4	ppt-TOC	8280		5960		5830		7740		4570		11300		7350		12600		22200		16800			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	4840		4040		3860		4840		3420		6600		3690		6350		8610		2330			
Total TCDF	55722-27-5	ppt-TOC	9610		8190		9300		12400		8120		19000		11400		19600		38500		13600			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Location ID			NB02SED120		NB02SED121		NB901		NB901		NB901		NB901		NB901		NB901		NB901		NB901		NB901	
Sample Name			NB02SED120B-01		NB02SED121H-01		6JMS00021		6JMS00022		6JMS00023		6JMS00024		6JMS00025		6JMS00026		6JMS00027		6JMS00028			
Date Collected			12/12/2007		12/12/2007		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998			
Depth			0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.7		0.7-1.3		1.3-2.3		2.3-3.0		3.0-3.9		3.9-4.9		4.9-5.6			
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
HasFieldDuplicate			N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	13000		51900		6640		13300		17300		22700		26000		22000		24700		21300			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	4960		5420		11000		20800		18100		20800		24500		23600		22900		16100			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	298		310		331		579		602		715		840		745		779		619			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	145		162		99.6		215		241		317		488		317		335		277			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	1020		937		206		3680		3230		3600		4650		4020		4470		3340			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	508		1030		458		950		1290		1730		2400		1430		1540		1660			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	383		391		560		1030		1020		1080		1290		1250		1320		928			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	312		461		380		732		732		1030		1390		852		953		1100			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	58.6	U	44.7	U	14.2		40		41.8		50.6		45		57.1		51.2		49.1			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	97.6		116		91.8		189		268		348		708		300		388		396			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	241		234		194		345		432		440		535		467		658		474			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	274		310		262		479		552		610		740		648		709		615			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	317		364		453		782		1170		992		1070		986		1600		991			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1670		757		2670		5000		5980		7130		9900		11300		12600		24900			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	411		472		440		854		1140		988		1420		1030		1500		1130			
OCDD	3268-87-9	ppt-TOC	135000		138000		64400		127000		170000		207000		245000		206000		242000		215000			
OCDF	39001-02-0	ppt-TOC	8840		9710		12100		25500		26100		32100		38300		32100		33000		21700			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	30700		75500		16200		32600		48000		48800		55000		46400		54900		46000			
Total HpCDF	38998-75-3	ppt-TOC	9910		10500		14700		27300		26100		30200		36800		34500		34400		26200			
Total HxCDD	34465-46-8	ppt-TOC	4870		6650		4690		9460		11400		13600		15100		12000		13200		11000			
Total HxCDF	55684-94-1	ppt-TOC	5910		6000		8130		15800		15800		17800		23000		20200		21100		16300			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	1320		1500		1200		2280		3520		3810		4180		3020		4140		3830			
Total PeCDF	30402-15-4	ppt-TOC	7780		5750		5910		11900		8930		11100		31300		17700		24700		24000			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	3620		2880		3960		7390		9480		11400		16600		14800		15000		28100			
Total TCDF	55722-27-5	ppt-TOC	13200		7710		9000		19900		19500		23500		40800		24500		37400		46200			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

	Location ID		NB901		NB901		NBA06		NWB01		NWB01		NWB01		NWB01		NWB01		NWB01		NWB01		NWB01	
	Sample Name		6JMS00029		6JMS00030		1JMS00007		1JMS00233		1JMS00234		1JMS00235		1JMS00236		1JMS00237		1JMS00238		1JMS00245			
	Date Collected		9/24/1998		9/24/1998		7/13/1999		11/13/2001		11/13/2001		11/13/2001		11/13/2001		11/13/2001		11/13/2001		11/13/2001			
	Depth		5.6-6.6		6.6-7.5		0.0-0.3		0.0-0.2		0.3		0.3-0.7		0.7-1.3		1.3-1.6		1.6-2.6		0.0-0.3			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	10600		20500		9740		13000		15300		12600		14800		2730		966		11500			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	15200		16500		9090		7410		10200		8210		9470		909		110		7830			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	490		627		318		315		401		343		385		40.9		17.9	U	276			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	168		267		90.9		191		190		130		124		44.7	U	23.4	U	147			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	3280		3290		2080		1730		2340		2080		2660		250		28.3		2210			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	826		1680		500		741		949		725		828		152		40.7		691			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	762		925		506		519		708		531		592		65.2		12.4	U	401			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	470		1020		455		593		672		531		580	U	144		82.8		553			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	29.8		45.2		41.6	U	24.7	U	40.9	U	29.5	U	25.4	U	35.6	U	20	U	18.9	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	242		369		169		130		168		121		101	U	35.6	U	15.2	U	124			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	216		350		221		500		701		280		533		49.2		12.4	U	438			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	396		533		422		469		577		473		550		58.3		15.2	U	309			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	618		894		409		741		949		580		710		83.3		17.9		645			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	24200		33500		17500		1300		2700		2750		3960		250		18.6	U	1380			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	14700		981		545	U	2530		3580		2750	U	3910		386		23.4	U	2530			
OCDD	3268-87-9	ppt-TOC	117000		233000		104000		105000		131000		121000		118000		43200		20700		111000			
OCDF	39001-02-0	ppt-TOC	26400		28300		13000		10500		13900		11600		12400		1670		628		9220			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	23400		44600		26000		26500		34300		29000		32500		7580		3170		26300			
Total HpCDF	38998-75-3	ppt-TOC	22200		26500		13600		13600		18200		15500		18300		1670		248		7830			
Total HxCDD	34465-46-8	ppt-TOC	6740		12800		5390		7410		8760		7250		7690		2270		1100		7830			
Total HxCDF	55684-94-1	ppt-TOC	13800		16100		7140		7410		9490		8700		9470		720		61.4		7370			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	1320		2790		844		679		730		821		769		114		131		1290			
Total PeCDF	30402-15-4	ppt-TOC	21600		28300		9740		8020		10900		10600		11800		985		75.9		7830			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	27400		36300		19500		3770		4380		4780		5920		583		66.2		5530			
Total TCDF	55722-27-5	ppt-TOC	42800		65200		20800		12300		16800		17400		17800		1740		145		11100			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		NWB01A		NWB01A		NWB01A		NWB01A		NWB01A		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086			
	Sample Name		1JMS00152		1JMS00153		1JMS00154		1JMS00155		1JMS00156		PC02SED086E-01		PC02SED086E-02		PC02SED086E-03		PC02SED086E-04		PC02SED086E-05			
	Date Collected		8/30/2000		8/30/2000		8/30/2000		8/30/2000		8/30/2000		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007			
	Depth		0.0-0.3		0.3		0.3-0.7		0.7-1.6		1.6-2.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	10700		8540		14600		8100		10600		7820		11100		7650		11900		25500			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	9000		6030		12000		4940		4490		4930		7210		4990		7770		17900			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	330		204		421		190		196		564		828		578		1060		2470			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	130		80.4		150		79.1		77.6		120		148		115		352		232			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	2270		1360		2660		1070		898		1110		1600		1170		1830		3910			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	533		402		687		435		490		432		697		507		1050		1420			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	533		427		730		336		249		532		715		581		974		1930			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	400		276		472		296		449		298		413		310		601		617			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	90		75.4	U	103	U	37.5	U	85.7		53.2		74.5		53.2		132		895			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	140		118		210		125		159		109		152		122		449		247			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	223		196		339		146		110		407		591		478		694		1260			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	333		246		558		198		208		285		443		300		515		1120			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	467		377		601		277		241		350		525		426		620		1180			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	2470		1710		2580		1500		1760		639		932		694		922		1270			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1170		1030		1850		672		653		583		808		1040		886		1790			
OCDD	3268-87-9	ppt-TOC	100000		75400		129000		71100		106000		95200		124000		84900		128000		266000			
OCDF	39001-02-0	ppt-TOC	11700		7290		16700		6520		6530		9480		13500		8600		14300		38500			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	25300		20100		35600		18800		25300		19000		27700		18000		29700		58700			
Total HpCDF	38998-75-3	ppt-TOC	14700		6780		14200		8700		7760		9270		13700		9430		14500		32800			
Total HxCDD	34465-46-8	ppt-TOC	6330		4770		8150		4350		5710		5010		8500		5680		11000		19800			
Total HxCDF	55684-94-1	ppt-TOC	7670		5280		9870		4550		3960		6770		9840		7480		11400		23100			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	833		603		1240		751		939		1560		2240		1880		9760		7170			
Total PeCDF	30402-15-4	ppt-TOC	7330		5280		9440		5340		5310		6650		9680		7790		11600		20800			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	5000		3270		5150		2770		3390		2390		3090		2380		8880		5790			
Total TCDF	55722-27-5	ppt-TOC	11300		8040		15000		7910		8570		8370		12300		11100		15900		26200			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	PC02SED086		PC02SED086		PC02SED086		PR0001SDM		PR0002SDM		PR001		PR0013SDM		PR00SD13		PRA04		SD001-200	
		Sample Name	PC02SED086E-06		PC02SED086E-07		PC02SED086E-08		PR0001SDM		PR0002SDM		6JMS00011		PR0013SDM		PR00SD13		1JMS00006		SD001-200-000005-203	
		Date Collected	11/28/2007		11/28/2007		11/28/2007		5/23/2000		5/24/2000		9/24/1998		5/23/2000		8/1/2000		7/13/1999		11/25/2003	
		Depth	5.5-7.5		7.5-9.5		9.5-10.5		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	21700		23500		3500		11100		10800		14200		9380		21900		22300		46900	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	29600		16800		1700		21200		21500		35400		10600		25900		61200		110000	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	6390		3830		276		741		664		977		394		948		1470		3230	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	230		125		37.3		191		245		241		149		312		219		638	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	6850		3560		364		5940		5170		8630		2550		6140		19400		27500	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1120		710		120		787		787		900		580		1190		1120		3560	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	3580		1990		187		1400		1390		1740		741		1800		2950		10500	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	503		335		88.4		438		447		657		312		719		863		1890	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	548		211		100	U	244		235		37.1		137		324		50.4	U	1170	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	277		217		37		190		152		231		125		290		230		877	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	1990		1040		157		394		492		557		298		643		755		3770	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	1470		617		98.6		520		553		851		344		876		1760	U	2940	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1410		718		75.7		1020		1020		1660		651		1530		1980		5010	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	5780		5730		197		5970		5770		8770		4980		10000		10400		87700	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1380		483		132		885		1100		1350		507		1280		1760	U	3480	
OCDD	3268-87-9	ppt-TOC	307000		325000		78600		136000		137000		148000		127000		355000		201000		508000	
OCDF	39001-02-0	ppt-TOC	62100		45400		3820		35600		33000		43100		16700		41200		104000		210000	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	48100		58600		11000		24900		23500		31700		24300		56700		54000		112000	
Total HpCDF	38998-75-3	ppt-TOC	59800		38000		4280		28900		28800		44300		16300		38000		75500		144000	
Total HxCDD	34465-46-8	ppt-TOC	9820		7070		2190		6760		7360		8000		5640		12100		9350		31800	
Total HxCDF	55684-94-1	ppt-TOC	42700		23800		2580		16500		16300		26700		9610		23000		39600		96100	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	3940		3540		656		1820		9370		2490		1290		2480		1470		5600	
Total PeCDF	30402-15-4	ppt-TOC	31800		16300		2160		11200		14700		19300		6950		22300		23700		149000	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	10300		10200		665		8960		8290		11000		7340		14200		14700		98700	
Total TCDF	55722-27-5	ppt-TOC	34200		18400		2310		17100		20000		24000		13600		32600		26300		286000	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

Location ID			SD002-14H		SD002-890		SD003-550		SD003-RF1		SD003-RF2		SD003-RF3		SD004-200		SD004-200		SD004-200		SD009-025	
Sample Name			SD002-14H-GRB005-11		SD002-890-GRB005-11		SD003-550-GRB005-11		SD003-RF1-GRB005-11		SD003-RF2-GRB005-11		SD003-RF3-GRB005-11		SD004-200-000005-203		SD004-200-015020-203		SD004-200-035040-203		SD009-025-GRB005-11	
Date Collected			4/22/2006		4/21/2006		4/21/2006		4/21/2006		4/21/2006		4/22/2006		11/22/2003		11/22/2003		11/22/2003		4/12/2006	
Depth			0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5	
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
HasFieldDuplicate			N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	8950		14600		4130		44.8		10100		15300		9340		17700		933		2230	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	36000		108000		15500		76.3		23100		35100		18200		46400		2280		3330	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	1040		2890		652		52.4		846		1490		938	U	1640		201		78.3	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	112		121		75.3		47.5	U	104		154		1400	U	524	U	125	U	18.9	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	11000		26800		4690		47.5	U	6320		13000		4940		14800		431		556	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	563		770		241		47.5	U	538		863		1450	U	1130		133	U	97.6	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1820		4500		716		47.5	U	1100		2410		1900		5550		577		131	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	249		164		75		47.5	U	288		471		1410	U	534	U	127	U	55.9	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	379		54.7		23.2		47.5	U	228		39.1		913	U	687		102	U	25.9	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	134		184		75.6		47.5	U	120		204		826	U	468	U	87.7	U	25.6	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	1240		1630		193		47.5	U	675		810		1870	U	1670		248		64.7	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	609		1070		246		47.5	U	179		774		581	U	1240		280		73.2	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1200		1900		517		47.5	U	641		1420		1600	U	2390		214		117	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	6550		169		1330		19	U	26900		4950		3600		6870		89.9		262	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	741		745		262		49		492		940		1400	U	1030		197		117	
OCDD	3268-87-9	ppt-TOC	80300		92400		39800		959		95900		104000		94200		171000		31000		18500	
OCDF	39001-02-0	ppt-TOC	73200		166000		35600		855		48100		67900		26400		100000		1950		4570	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	26000		58200		11200		142		28300		60000		22200		42300		2300		3200	
Total HpCDF	38998-75-3	ppt-TOC	43500		160000		19600		47.5	U	35100		59600		18200		59700		3310		4200	
Total HxCDD	34465-46-8	ppt-TOC	6620		13100		2670		87.4		4340		8980		4320		10200		796		1180	
Total HxCDF	55684-94-1	ppt-TOC	25900		69700		11000		47.5	U	17500		32600		13400		42700		3630		2200	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	1900		2930		1020		3.46		1460		2670		809	U	1710		345		355	
Total PeCDF	30402-15-4	ppt-TOC	21400		30700		5780		47.5	U	12100		23900		17700		43900		8630		2480	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	9510		13100		2950		11.5		30500		8180		4770		9750		306		613	
Total TCDF	55722-27-5	ppt-TOC	43100		27800		8350		76.6		15200		33400		31900		65000		19000		3090	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	SD009-450		SD00A-005		SD00A-025		SD00A-050		SD00A-050		SD00A-050		SD00A-100		SD00A-200		SD00B-005		SD00B-025	
		Sample Name	SD009-450-GRB005-11		SD00A-005-000005-203		SD00A-025-000005-203		SD00A-050-000005-203		SD00A-050-015020-203		SD00A-050-035040-203		SD00A-100-000005-203		SD00A-200-000005-203		SD00B-005-000005-203		SD00B-025-000005-203	
		Date Collected	4/20/2006		12/1/2003		11/23/2003		11/23/2003		11/23/2003		11/23/2003		11/24/2003		12/1/2003		12/1/2003		12/1/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	7580		53100		29400		11400		24900		1170		2000		11600		2820		1820	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	43600		15000		38000		15900		49300		1220		23400		104000		7760		2690	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	3240		651		1270		590		1320		71.6	U	481		2200		347	U	125	U
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	169		411		387	U	150		317		121	U	45.4	U	260		470	U	201	U
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	27500		2940		10300		4340		11500		369		4660		29500		1540		543	U
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	735		1710		1580		791		1630		118	U	161		1120		486	U	223	U
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	3640		2250		3710		1880		2060		165		1150		5350		778		288	U
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	244		806		808		430		740		118	U	74.2	U	370		475	U	209	U
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	180	U	357		442	U	240		459		53.5	U	144		670		441	U	217	U
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	215		363		414		131	U	466		56.8	U	43.8	U	339		210	U	153	U
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	2330		1190		1670		627		1140		211		316		2030		710	U	292	U
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	271		1810		1450		639		1550		150		393		1800		329	U	140	U
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	2500		2060		2360		1230		2470		226		546		3240		626	U	279	U
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1950		1140		8190		7500		41000		214		205		9810		1260		631	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	434		1260		1680		963		1790		492		288		696		560	U	187	U
OCDD	3268-87-9	ppt-TOC	43800		555000		271000		97500		230000		49500		23200		91500		30000		17600	
OCDF	39001-02-0	ppt-TOC	115000		17400		62700		22700		80500		2900		40300		175000		13200		4190	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	21700		99400		63800		27700		65200		3050		6180		34200		6550		4470	
Total HpCDF	38998-75-3	ppt-TOC	101000		23700		49700		22300		66500		1600		27400		121000		9250		3380	
Total HxCDD	34465-46-8	ppt-TOC	6180		17200		15500		9390		17100		1040		1180		14700		1340		947	
Total HxCDF	55684-94-1	ppt-TOC	53400		26900		36100		16800		47200		1530		13000		72800		5130		1250	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	4090		5510		2420		1750		4590		329		599		4060		447	U	206	U
Total PeCDF	30402-15-4	ppt-TOC	23800		39900		42200		24400		94600		2000		10200		55800		1130		3150	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	7670		3190		11100		9590		48800		468		332		16000		1260		908	
Total TCDF	55722-27-5	ppt-TOC	23100		50100		66700		42600		188000		3500		16500		104000		7920		3310	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	SD00B-025		SD00B-025		SD00B-048		SD00B-050		SD00B-100		SD00B-100		SD00B-200		SD00C-005		SD00C-005		SD00C-005	
		Sample Name	SD00B-025-015020-203		SD00B-025-035040-203		SD00B-048-GRB005-11		SD00B-050-000005-203		SD00B-100-000005-203		SD00B-100-015020-203		SD00B-200-000005-203		SD00C-005-000005-203		SD00C-005-015020-203		SD00C-005-035040-203	
		Date Collected	12/1/2003		12/1/2003		4/12/2006		11/23/2003		11/22/2003		11/22/2003		11/22/2003		11/20/2003		11/20/2003		11/20/2003	
		Depth	1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	256		765		1300		3000		2550		1030	U	4030		9590		11600		11400	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	346		327		1480		3420		3280		647		10800		16300		19200		14300	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	116	U	81	U	51.6		177		263	U	586	U	907	U	559		699		528	U
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	103	U	154	U	12		101	U	356	U	1280	U	1290	U	229	U	181	U	191	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	99		101		477		1060		971		405	U	3050		4640		5200		4190	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	110	U	164	U	76.9		224		361	U	1350	U	1420	U	617		731		663	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	58.9		77.5		85.6		352		393		433	U	1390	U	1650		2210		1630	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	105	U	157	U	57.8		113		353	U	1290	U	1340	U	374		451		366	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	78.4	U	59.8	U	320	U	74.1	U	200	U	794	U	1230	U	226		215		170	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	161	U	88.9	U	29.2		101	U	230	U	666	U	451	U	148	U	187	U	209	U
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	112	U	95.1	U	50.6		224		491	U	883	U	1110	U	681		971		700	U
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	58.6	U	77.5		63		183		174		479	U	841	U	504		631		586	U
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	102	U	114		94.4		352		453	U	798	U	1050	U	1010		1150		1000	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	39.7	U	56.2	U	625		2290		990		451	U	1380		2300		2980		2340	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	92.5	U	90.2	U	232	U	277		204	U	595	U	873	U	528		525		706	
OCDD	3268-87-9	ppt-TOC	10000		27800		11300		50900		44600		47900		64500		102000		127000		111000	
OCDF	39001-02-0	ppt-TOC	531		1560		2010		5490		5480		3470	U	11900		29600		36400		24300	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	777		2040		4860		8260		6400		3340	U	9760		24400		25800		25700	
Total HpCDF	38998-75-3	ppt-TOC	346		327		2010		4640		4170		647		12800		21200		25300		18400	
Total HxCDD	34465-46-8	ppt-TOC	186		647		1430		2620		2040		1310	U	1350		5880		6700		6290	
Total HxCDF	55684-94-1	ppt-TOC	346		559		1360		3720		3180		509	U	7610		14400		18500		14200	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	161	U	125		367		429		276	U	666	U	451	U	1500		1490		1010	
Total PeCDF	30402-15-4	ppt-TOC	107	U	490		1790		6250		3590		840	U	10600		18300		22900		18400	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	39.7	U	152	U	971		2830		990		451	U	2130		4580		5200		3870	
Total TCDF	55722-27-5	ppt-TOC	92.5	U	1120		3230		11900		6590		595	U	25100		29300		32500		29200	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

Location ID			SD00C-025		SD00C-050		SD00C-100		SD00C-100		SD00C-200		SD00L-080		SD00L-400		SD010-050		SD010-10H		SD011-152	
Sample Name			SD00C-025-000005-203		SD00C-050-000005-203		SD00C-100-000005-203		SD0DC-100-000005-203		SD00C-200-000005-203		SD00L-080-GRB005-11		SD00L-400-GRB005-11		SD010-050-GRB005-11		SD010-10H-GRB005-11		SD011-152-GRB005-11	
Date Collected			11/19/2003		11/19/2003		11/21/2003		11/21/2003		11/21/2003		4/12/2006		4/12/2006		4/12/2006		4/22/2006		4/20/2006	
Depth			0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
HasFieldDuplicate			N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	8070		8390		5810		5860		8210		978		913		1840		5770		2480	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	16400		23400		14100		31800		31500		1350		1670		4310		47800		26600	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	551		660		577		733		1180	U	65.6		581		105		1590		500	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	137		150		254	U	152	U	825	U	10.9		459		19.6		106		51.7	U
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	5100		5960		4620		8720		5460		388		765		1030		15000		6790	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	510		509		407		358		902	U	61.1		543		129		397		178	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1720		1920		1680		2840		1400		104		629		192		2000		1200	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	327		288		257	U	206	U	859	U	50.8		592		87.5		116		50.3	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	211		105		334	U	292		774	U	190	U	606		33.7		682	U	90.3	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	134		110		295	U	236	U	646	U	15.9		491		28.8		146		33.5	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	675		625		514		947		636	U	42.7		483		81.9		767		538	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	541		630		510		827		1370	U	96.3		531		101		153		126	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1050		1020		846		1370		1120		100		451		142		1320		445	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	5000		3770		1790		2020		2490		235		290		652		2270		246	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	693		558		439		466		670	U	81.4		145		111		578		323	
OCDD	3268-87-9	ppt-TOC	77200		86100		56900		58600		91300		9350		5380		13600		69000		20000	
OCDF	39001-02-0	ppt-TOC	30500		45400		27700		55300		58900		2670		3180		6770		112000		46300	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	18900		20900		14300		14200		19300		2410		1750		7010		23200		15400	
Total HpCDF	38998-75-3	ppt-TOC	21400		28800		17900		36200		35900		1870		2540		5290		55400		30100	
Total HxCDD	34465-46-8	ppt-TOC	5660		5930		4070		2750		1770		554		1870		2850		4100		2870	
Total HxCDF	55684-94-1	ppt-TOC	16100		16900		13100		25000		14400		1760		2990		2830		30500		16500	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	845		1520		802		737		646	U	181		576		538		1820		661	
Total PeCDF	30402-15-4	ppt-TOC	16400		16900		13400		22500		12400		2480		1620		2600		16300		9190	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	7260		5760		3380		4210		3480		408		376		1230		5340		1130	
Total TCDF	55722-27-5	ppt-TOC	24900		24500		20200		22700		13200		2180		981		3340		20900		7530	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

			Location ID		SD012-100		SD014-200		SD014-500		SD01W-040		SD01W-040		SD01W-100		SD01W-100		SD01W-170		SD01W-170		SD01W-250	
			Sample Name		SD012-100-GRB005-11		SD014-200-GRB005-11		SD014-500-GRB005-11		SD01W-040-000005-11		SD01W-040-005010-11		SD01W-100-000005-11		SD01W-100-005010-11		SD01W-170-000005-11		SD01W-170-005010-11		SD01W-250-000005-11	
			Date Collected		4/12/2006		4/12/2006		4/12/2006		4/20/2006		4/20/2006		4/24/2006		4/24/2006		4/18/2006		4/18/2006		4/19/2006	
			Depth		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	354		12900		3670		20300		13300		7580		13600		1040		8360		1380			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	428		10100		5720		32700		24300		23800		23400		5950		25700		4610			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	19.9		370		228		1020		793		860		829		148		825		173			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	21.3		185		41.6		189	U	127		90.8		96.4		15.9		100		129	U		
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	154		2780		1620		8920		6520		7290		6060		1210		7490		1500			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	40		894		211		914		589		427		538		62.4		424		82.5			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	49		694		331		1660		1190		1210		1020		201		890		129	U		
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	38.3		655		479	U	372		332		252		196		49		171		41.6			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	18.6		156		75.9		233		214		270		156	U	6.78		226		45.8			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	30		174		54.2		174		130		125		103		18.7		120		24.9			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	46.2		324		163		931		753		767		562		109		701		65.9			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	28.7		546		178		155		148		287		356		80.5		430		100			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	46.9		597		264		1110		887		857		693		114		840		152			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	169		2120		1050		2710		2630		2340		1810		459		2480		580			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	35		468		293		719		616		571		357		63.1	U	591		101			
OCDD	3268-87-9	ppt-TOC	2490		105000		32900		181000		124000		77600		153000		9170		86600		13500			
OCDF	39001-02-0	ppt-TOC	586		13000		9990		66300		47700		48800		49100		13100		38300		10400			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC	1530		37300		11700		46500		41100		24100		48100		4580		29900		4250			
Total HpCDF	38998-75-3	ppt-TOC	560		14400		7820		39900		30800		29100		29600		6760		30800		5750			
Total HxCDD	34465-46-8	ppt-TOC	871		10500		3130		8730		7390		4720		4970		1550		10100		840			
Total HxCDF	55684-94-1	ppt-TOC	470		11100		4660		23300		15700		17000		14700		2790		15600		3070			
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC	210		1380		658		2810		1910		1960		1510		385		2430		251			
Total PeCDF	30402-15-4	ppt-TOC	525		11600		4260		16000		13700		12900		9620		2000		11200		2120			
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC	383		4140		1950		5520		5210		5220		3920		921		6120		946			
Total TCDF	55722-27-5	ppt-TOC	650		12300		6390		22200		20000		17400		14000		2440		13000		2870			
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	SD01W-250		SD02E-025		SD02E-060		SD02E-075		SD02E-075		SD02E-075		SD02E-075		SD02E-160		SD02E-160		SD02W-200	
		Sample Name	SD01W-250-005010-11		SD02E-025-000005-203		SD02E-060-GRB005-11		SD02E-075-000005-103		SD02E-075-000005-203		SD02E-075-015020-203		SD02E-075-035040-203		SD02E-160-000005-11		SD02E-160-005010-11		SD02W-200-035040-203	
		Date Collected	4/19/2006		11/21/2003		4/12/2006		10/16/2003		11/20/2003		11/20/2003		11/20/2003		4/20/2006		4/20/2006		12/2/2003	
		Depth	0.5-1.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.5-1.0		3.4-3.9	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	3470		12400		4450		13800		9180		12200		9400		10600		10800		780	U
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	55100		18300		12600		49400		21100		18300		19000		167000		22300		481	U
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	2190		638		436		811		784		711		583		7050		646		569	U
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	186	U	182		116		175		157	U	230	U	134	U	384		118		898	U
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	18900		5330		3690		7540		6410		5420		4970		57500		5310		356	U
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	346		632		291		620		623		596	U	598		1620		625		927	U
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	186	U	1440		607		5140		2300		2670		1700		7480		1120		336	U
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	95.8		353		220		349		353		387	U	364		763		364		909	U
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	457		211		167		303		260		221	U	155	U	1810		129		526	U
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	158		219	U	132		163		134		158	U	121	U	577		141		431	U
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	302		601		242		869		845		1180		751		5290		589		685	U
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	186	U	726		325		886		647		688		648		2110		417		390	U
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1420		1240		570		1450		1100		1070		982		5490		764		660	U
2,3,7,8-TCDD	1746-01-6	ppt-TOC	4940		2910		1500		2970		2100		7310		2370		3940		3950		943	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	321		695		423		800		693		605		367		805		624		542	U
OCDD	3268-87-9	ppt-TOC	32500		123000		38600		140000		95700		137000		97200		92400		110000		2190	U
OCDF	39001-02-0	ppt-TOC	136000		33900		24400		45100		41300		36100		37700		362000		40100		1740	U
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	13600		27500		15900		30600		21300		27200		21600		29600		37000		780	U
Total HpCDF	38998-75-3	ppt-TOC	63400		23900		15100		51100		26700		24200		23700		195000		29000		522	U
Total HxCDD	34465-46-8	ppt-TOC	6070		7180		4030		8200		6110		5530		5700		13700		7160		912	U
Total HxCDF	55684-94-1	ppt-TOC	31600		16500		8800		51100		19500		19000		16000		112000		15800		397	U
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	2770		2050		1820		2210		1400		1030		2190	U	11400		2040		431	U
Total PeCDF	30402-15-4	ppt-TOC	13700		16400		7430		49100		21700		23300		17700		56300		14800		671	U
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	10400		4760		3410		4940		4530		8310		3140		21200		6110		943	
Total TCDF	55722-27-5	ppt-TOC	14800		21100		10100		52300		29700		34700		24500		48500		21800		542	U
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		SD03E-025		SD03E-025		SD03E-042		SD03E-075		SD03E-075		SD03W-200		SD0JN-000		SD0JS-400		SD0KE-050		SD13E-005	
	Sample Name		SD03E-025-000005-203		SD03E-025-015020-203		SD03E-042-GRB005-11		SD03E-075-000005-203		SD03E-075-015020-203		SD03W-200-000005-203		SD0JN-000-GRB005-11		SD0JS-400-GRB005-11		SD0KE-050-GRB005-11		SD13E-005-000005-203	
	Date Collected		11/16/2003		11/16/2003		4/12/2006		11/17/2003		11/17/2003		11/24/2003		4/22/2006		4/22/2006		4/12/2006		11/17/2003	
	Depth		0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	1910		1210		1780		1060		758		2160		6620		7650		1460		8410	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	4170		787		1430		432		392		2850		14100		19200		2190		9770	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	111	U	121		43.9		83.1	U	279	U	246	U	473		1330		149		282	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	161	U	132	U	104	U	154	U	541	U	320	U	80.5		126		31.5		99	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	1340		272		553		194		210	U	683		4120		11000		569		1820	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	173	U	143	U	101		165	U	599	U	327	U	386		541		105		409	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	371		150		69.3		93.2		208	U	327		693		1760		230		588	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	166	U	137	U	34.1		159	U	566	U	320	U	210		270		78.1		200	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	80.3	U	78	U	21.9		59.4	U	312	U	195	U	11.2		137	U	142	U	93.6	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	104	U	108	U	25		80.2	U	274	U	262	U	83.6		151		34.2		122	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	245		134		72		124		566	U	239	U	280		422		83.4		299	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	200		108		104	U	85.4		249	U	156	U	269		532		209		439	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	380	U	140		116		139		549	U	236	U	521		1170		139		657	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	819		77.7	U	554		59.1	U	409	U	306		2410		2320		256		1270	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	197		221		115		123		421	U	248		384		456		98.7		462	
OCDD	3268-87-9	ppt-TOC	29900		73900		14300		42900		23800		54600		63300		43400		12900		74700	
OCDF	39001-02-0	ppt-TOC	6790		1850		2110		1300		1210	U	6560		31600		42500		2790		16900	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC	5180		3410		5330		2880		1810		5420		23200		26800		3380		19200	
Total HpCDF	38998-75-3	ppt-TOC	4170		1010		1890		594		392		3650		18200		42600		3190		12400	
Total HxCDD	34465-46-8	ppt-TOC	1900		803		2090		1030		569	U	1920		3930		5270		987		6320	
Total HxCDF	55684-94-1	ppt-TOC	4300		975		1530		773		242	U	2090		10600		24100		2820		7450	
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC	554		88.2		584		328		274	U	262	U	1340		2600		320		2320	
Total PeCDF	30402-15-4	ppt-TOC	4100		1040		1870		1010		559	U	1540		8380		14900		3010		8310	
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC	1000		122		1270		208		409	U	577		4220		5910		714		3200	
Total TCDF	55722-27-5	ppt-TOC	4910		1410		3530		1200		421	U	3040		12200		17400		2310		12000	
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	SD13E-005		SD13E-005		SD13E-050		SD13E-060		SD13E-100		SD13E-100		SD13E-100		SDOF8-012		VT-08-01		VT-08-01		VT-08-01	
		Sample Name	SD13E-005-015020-203		SD13E-005-035040-203		SD13E-050-000005-203		SD13E-060-GRB005-11		SD13E-100-000005-203		SD13E-100-015020-203		SD13E-100-035040-203		SDOF8-012-000005-103		HAB-01-00-05		HAB-01-05-15		HAB-01-103-115			
		Date Collected	11/17/2003		11/17/2003		11/17/2003		4/12/2006		11/18/2003		11/18/2003		11/18/2003		12/16/2003		3/12/2008		3/12/2008		3/13/2008			
		Depth	1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.5-1.5		10.3-11.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																										
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	4760		713		2170		1490		874		629		1160		12500		147000		15700		133000			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	18800		333	U	2000		7900		526		238		587		33900		9190		6320		41000			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	489		55.8	U	126	U	175	U	80.7		64.5	U	81		676		539		74.2	U	2400			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	62		132	U	243	U	175	U	136	U	114	U	50.5	U	1160		108		125	U	846			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	4470		155		634		1950		210		169		206		7360		2200		1580		8130			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	294		143	U	256	U	95.3		149	U	119	U	88.7		1200		1370		779		6530			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1130		85.6		344		287		88.4	U	106		140		4530		600		397		2200			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	130		137	U	249	U	175	U	142	U	116	U	86.6	U	885	U	832		491		3810			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	66.8	U	49.1	U	103	U	32.6		73.5	U	53.9	U	44.6	U	302	U	89.4	U	185	U	95.1			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	91.2		67.3	U	124	U	175	U	65.7	U	96.2	U	69.2	U	817	U	1850	U	96.1		1380			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	391		141		264		107		118		111		132		1150		315		210		1210			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	535		85.1		261		102		86.6	U	69.9		140		880		560		301		1680			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	831		137		360		141		133		127		179		1440		459		549		1970			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	6920		46.4	U	313		447		66.8	U	65	U	59.6	U	7060		2430		1710		8080			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	413		206		309		73.8		213		89.7		216		1050		620		542		5880			
OCDD	3268-87-9	ppt-TOC	59400		33300		36600		10200		33500		21100		40600		102000		581000		145000		1240000			
OCDF	39001-02-0	ppt-TOC	33200		1150		2620		12300		1820		927		1420		37100		27400		13300		89600			
PCB-209	2051-24-3	ppt-TOC																								
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																								
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																								
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																								
Total HpCDD	37871-00-4	ppt-TOC	14200		2100		5360		8070		2360		1770		2910		39000									
Total HpCDF	38998-75-3	ppt-TOC	24000		130		2740		9420		866		371		904		38900									
Total HxCDD	34465-46-8	ppt-TOC	4420		818		1800		3820		881		634		1210		14700									
Total HxCDF	55684-94-1	ppt-TOC	14000		602		2680		4500		616		710		1100		42100									
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																								
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																								
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																								
Total PeCDD	36088-22-9	ppt-TOC	1330		197		685		702		389		75.3	U	439		2860	U								
Total PeCDF	30402-15-4	ppt-TOC	12100		891		3770		2940		1030		537		1530		58200									
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																								
Total TCDD	41903-57-5	ppt-TOC	9410		164		616		2050		128		65	U	167		8310									
Total TCDF	55722-27-5	ppt-TOC	16200		1310		5110		3430		1850		789		1530		84300									
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																								
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																								

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-02		VT-08-02		VT-08-02		VT-08-02	
		Sample Name	HAB-01-115-135		HAB-01-135-149		HAB-01-15-25		HAB-01-25-31		HAB-01-38-55		HAB-01-55-75		HAB-01-75-85		HAB-02-00-05		HAB-02-05-15		HAB-02-115-135		HAB-02-135-149	
		Date Collected	3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008	
		Depth	11.5-13.5		13.5-14.9		1.5-2.5		2.5-3.1		3.8-5.5		5.5-7.5		7.5-8.5		0.0-0.5		0.5-1.5		11.5-13.5		13.5-14.9	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	20300		69100		11500		11800		11600		13200		20800		85100		112000		15600		14400	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	4310		20900		6550		7630		7580		8210		10600		13300		52000		9810		9120	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	292		1020		359		389		369		441		571		904		3590		467		856	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	88.4		311		137		146		131		143		191		201		798		111		108	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	933		4640		1750		1880		1810		2000		2530		2250		12500		1970		1750	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	864		2960		678		761		664		838		1320		2570		7090		1410		1550	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	244		1140		479		543		508		569		721		595		3660		553		483	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	398		1250		506		530		428		520		692		797		3510		705		700	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	18.4		75.5		118	U	31.3		41.7		25.6		45.3		51.7		307		18.2		33.8	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	165		473	U	118	U	173		173		183		258		204		1100		230		220	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	169		724		293		298		312		322		392		395		2240		208		135	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	185		706		347		353		309		383		495		401		2430		324		299	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	242		973		430		488		455		539		711		578		3290		352		343	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	846		3610		2300		1610		2380		2040		2360		743		33300		5790		11200	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	858		1500		544		568		566		667		864		539		4840		390		414	
OCDD	3268-87-9	ppt-TOC	202000		750000		123000		118000		120000		142000		216000		649000		1280000		193000		163000	
OCDF	39001-02-0	ppt-TOC	13200		40800		14100		12800		13600		17000		19900		25200		106000		27200		26400	
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC																						
Total HpCDF	38998-75-3	ppt-TOC																						
Total HxCDD	34465-46-8	ppt-TOC																						
Total HxCDF	55684-94-1	ppt-TOC																						
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC																						
Total PeCDF	30402-15-4	ppt-TOC																						
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC																						
Total TCDF	55722-27-5	ppt-TOC																						
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-03		VT-08-03		VT-08-03		VT-08-03		VT-08-03	
		Sample Name	HAB-02-15-25		HAB-02-25-35		HAB-02-35-55		HAB-02-55-75		HAB-02-75-92		HAB-02-93-115		HAB-03-00-05		HAB-03-05-15		HAB-03-15-25		HAB-03-25-35		HAB-03-35-55	
		Date Collected	3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.2		9.3-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	33300		30000		30100		15900		19800		11900		15200		13500		12100		15500		17800	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	55500		15100		20700		20000		20600		8160		6300		6130		7710		8950		9050	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	1480		999		1240		923		966		315		511		467		384		504		602	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	291		238		376		185		197		108		121		105		118		103		204	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	5960		3400		4900		5030		5630		1660		1400		1640		1900		2190		2270	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	2100		1930		2230		1280		1680		1000		753		611		772		995		764	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1420		223	U	1330		1170		1080		457		354		549		724		696		791	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	1090		1030		1340		695		841		548		493		434		508		651		492	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	69.3		52.9		78.8		42.3		270	U	17.7		140	U	48.5	U	136	U	84.8	U	92.2	U
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	362		371		502		252		267		142		165	U	86.6		103		165		97.2	U
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	649		542		812		555		417		162		225		230		307		326		112	U
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	720		556		848		521		619		205		213		255		279		356		300	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	824		718		1010		749		883		283		365		490		540		509		599	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	13600		19700		19600		12300		5540		2790		1300		2670		1570		2170		1970	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1180		1200		1820		1150		842		334		506		488		561		665		650	
OCDD	3268-87-9	ppt-TOC	386000		345000		354000		181000		242000		145000		157000		134000		121000		153000		164000	
OCDF	39001-02-0	ppt-TOC	155000		32000		42300		40900		41600		18200		11900		11300		12900		16200		17800	
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC																						
Total HpCDF	38998-75-3	ppt-TOC																						
Total HxCDD	34465-46-8	ppt-TOC																						
Total HxCDF	55684-94-1	ppt-TOC																						
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC																						
Total PeCDF	30402-15-4	ppt-TOC																						
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC																						
Total TCDF	55722-27-5	ppt-TOC																						
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

			Location ID	VT-08-03		VT-08-03		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-05		VT-08-05	
			Sample Name	HAB-03-55-75		HAB-03-75-95		HAB-04-00-05		HAB-04-05-15		HAB-04-15-25		HAB-04-25-35		HAB-04-35-55		HAB-04-55-65		HAB-04-65-75		HAB-05-00-05		HAB-05-05-15	
			Date Collected	3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/14/2008		3/14/2008	
			Depth	5.5-7.5		7.5-9.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-6.5		6.5-7.5		0.0-0.5		0.5-1.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																									
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	8180		17600		11400		13900		14600		9830		14800		20000		5910		13100		16500		
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	4450		8800		7090		7720		9530		6010		10200		10300		2810		5930		7310		
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	380		695		572		468		529		432		99.6	U	770		223		396		404		
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	43.2	U	236	U	61.5	U	127		49.8	U	53.6	U	163		94.2		196	U	131		130		
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	956		2220		1880		1730		2260		1420		2240		2630		713		1420		1750		
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	526		261	U	72.2	U	712		814		553		1120		1230		308		594		695		
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	274		691		566		487		807		514		657		657		103		449		496		
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	302		239	U	542		487		633		358		802		771		162		402		502		
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	92.3	U	184	U	54.9	U	62.8	U	107	U	82.1	U	46.4		197	U	229	U	21.9		16.1		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	125	U	319	U	88	U	168		194		101	U	225	U	206		256	U	117		161		
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	79.1	U	213	U	220		281		307		93	U	219	U	365		260	U	261		74.4	U	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	148		338		314		313		271		205		325		391		192	U	265		338		
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	84.6	U	569		476		470		132	U	95.4	U	221	U	666		226	U	344		441		
2,3,7,8-TCDD	1746-01-6	ppt-TOC	2950		2610		2940		4120		1900		1270		2220		2880		2080		1860		5560		
2,3,7,8-TCDF	51207-31-9	ppt-TOC	289		606		578		647		713		482		579		803		236		478		673		
OCDD	3268-87-9	ppt-TOC	101000		174000		113000		135000		159000		107000		154000		188000		80600		128000		169000		
OCDF	39001-02-0	ppt-TOC	8970		15600		12000		12200		14800		10100		17600		17400		7040		11500		14300		
PCB-209	2051-24-3	ppt-TOC																							
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																							
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																							
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																							
Total HpCDD	37871-00-4	ppt-TOC																							
Total HpCDF	38998-75-3	ppt-TOC																							
Total HxCDD	34465-46-8	ppt-TOC																							
Total HxCDF	55684-94-1	ppt-TOC																							
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																							
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																							
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																							
Total PeCDD	36088-22-9	ppt-TOC																							
Total PeCDF	30402-15-4	ppt-TOC																							
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																							
Total TCDD	41903-57-5	ppt-TOC																							
Total TCDF	55722-27-5	ppt-TOC																							
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																							
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																							

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-06		VT-08-06			
		Sample Name	HAB-05-115-135		HAB-05-135-151		HAB-05-15-25		HAB-05-25-35		HAB-05-35-49		HAB-05-64-75		HAB-05-75-85		HAB-05-95-115		HAB-06-00-05		HAB-06-05-15			
		Date Collected	3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/13/2008		3/13/2008			
		Depth	11.5-13.5		13.5-15.1		1.5-2.5		2.5-3.5		3.5-4.9		6.4-7.5		7.5-8.5		9.5-11.5		0.0-0.5		0.5-1.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	38400		13600		13700		12600		8730		16300		18100		24900		37100		10700			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	20200		6920		7970		6540		5470		9300		8190		13400		5150		5380			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	1010		518		515		300		302		461		440		861		249		303			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	242		143		146		129		78.5		145		174		197		82	U	117			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	5020		1840		2000		1610		1360		2330		1960		3280		1140		1420			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1830		948		777		645		547		918		1290		1400		1110		618			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1230		552		632		456		367		627		577		905		203		433			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	920		522		500		410		341		552		723		810		629		406			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	62.8		41.9		36.8		20.3		15.3		35.6		30.9		55.6		554	U	54.2			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	304		141		162		26.2	U	109		189		209		239		243	U	121			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	699		326		367		282		252		336		344		442		178	U	285			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	810		376		372		318		245		451		392		685		222		323			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	1220		531		541		452		372		586		640		842		225		429			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	5310		5630		2310		1590		1200		4240		1590		2540		2430		1440			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	1390		759		827		589		463		786		808		1080		377		490			
OCDD	3268-87-9	ppt-TOC	423000		162000		143000		131000		88100		180000		147000		261000		296000		109000			
OCDF	39001-02-0	ppt-TOC	40600		15800		14000		11400		9570		18400		15300		26000		13700		10000			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC																						
Total HpCDF	38998-75-3	ppt-TOC																						
Total HxCDD	34465-46-8	ppt-TOC																						
Total HxCDF	55684-94-1	ppt-TOC																						
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC																						
Total PeCDF	30402-15-4	ppt-TOC																						
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC																						
Total TCDF	55722-27-5	ppt-TOC																						
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-07		VT-08-07		VT-08-07			
	Sample Name		HAB-06-107-115		HAB-06-115-128		HAB-06-15-25		HAB-06-25-35		HAB-06-35-55		HAB-06-55-75		HAB-06-75-95		HAB-07-00-05		HAB-07-05-15		HAB-07-15-25			
	Date Collected		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/7/2008		3/7/2008		3/7/2008			
	Depth		10.7-11.5		11.5-12.8		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		0.0-0.5		0.5-1.5		1.5-2.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	21100		13600		23900		13100		12900		20400		11900		3710		10300		7830			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	8730		6790		5880		5730		6530		9250		6800		2500		4930		6230			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	608		396		72	U	402		90.3	U	659		438		1110	U	263		97.8	U		
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	120		105		61.7	U	146		90.9	U	86.6		98.6		572	U	42.4	U	113	U		
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	2210		1610		1400		1470		1670		1920		1770		655		1130		994			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1040		896		469		538		590		901		805		281		436		461			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	681		412		369		553		458		602		530		204		340		301			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	563		497		423		464		372		523		475		537	U	347		333			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	43.7		89.5	U	101	U	89.5	U	116	U	147	U	31		388	U	118	U	153	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	171		150		123	U	75	U	104	U	184	U	148		1220	U	120	U	137	U		
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	350		296		187		259		207		222		314		714	U	183		159	U		
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	454		341		272		268		334		361		383		358	U	136		242			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	604		461		326		368		407		445		521		718	U	387		344			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	2110		1650		1280		1390		1740		1630		1420		385		977		1140			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	682		594		445		454		505		587		551		207		424		543			
OCDD	3268-87-9	ppt-TOC	242000		152000		237000		117000		130000		192000		120000		42700		122000		76000			
OCDF	39001-02-0	ppt-TOC	18600		13900		16100		11500		11200		21700		12700		6020		10800		9490			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC																						
Total HpCDF	38998-75-3	ppt-TOC																						
Total HxCDD	34465-46-8	ppt-TOC																						
Total HxCDF	55684-94-1	ppt-TOC																						
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC																						
Total PeCDF	30402-15-4	ppt-TOC																						
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC																						
Total TCDF	55722-27-5	ppt-TOC																						
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		VT-08-07		VT-08-07		VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-09		VT-08-09			
	Sample Name		HAB-07-25-35		HAB-07-35-55		HAB-08-00-05		HAB-08-05-15		HAB-08-15-25		HAB-08-25-35		HAB-08-35-55		HAB-08-55-62		HAB-09-00-05		HAB-09-05-15			
	Date Collected		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008			
	Depth		2.5-3.5		3.5-5.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-6.2		0.0-0.5		0.5-1.5			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	11200		1480		17200		21200		25900		9930		6760		1010	U	19200		17000			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	6390		553		8820		9140		17900		6780		2760		345		11700		16400			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	439		100	U	465		454		802		458		200	U	779	U	758		1840			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	98.5		62.4	U	170		149		197		106	U	169	U	716	U	157		186			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	1480		102		2090		2010		3580		1430		610		403	U	3150		3460			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	599		76.5		1090		1210		1630		692		504		831	U	1290		1050			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	402		79.3	U	567		532		1040		430		212		380	U	1070		1460			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	430		64.3	U	686		734		721		109	U	173	U	713	U	702		616			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	398	U	90.1	U	123	U	168	U	178	U	168	U	210	U	364	U	232	U	100			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	154		97.7	U	169		294		249		275	U	235	U	1580	U	201	U	215			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	94.4	U	65.7	U	119	U	275		440		211	U	331	U	632	U	606		781			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	289		25.4		352		310		550		223		120		403	U	527		565			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	381		66.7	U	621		93.5	U	794		237	U	369	U	637	U	948		729			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1480		119		1940		2150		5130		3470		2130		289	U	4290		3980			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	505		59.9		819		793		1080		446		788	U	734	U	1030		998			
OCDD	3268-87-9	ppt-TOC	107000		20900		172000		210000		246000		125000		61000		13200		265000		234000			
OCDF	39001-02-0	ppt-TOC	11600		1300		16000		16800		30500		15000		5580		1680		21500		36000			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC																						
Total HpCDF	38998-75-3	ppt-TOC																						
Total HxCDD	34465-46-8	ppt-TOC																						
Total HxCDF	55684-94-1	ppt-TOC																						
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC																						
Total PeCDF	30402-15-4	ppt-TOC																						
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC																						
Total TCDF	55722-27-5	ppt-TOC																						
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		VT-08-09		VT-08-09		VT-08-09		VT-08-09		VT-08-09		VT-08-10		VT-08-10		VT-08-10		VT-08-11		VT-08-11	
	Sample Name		HAB-09-15-25		HAB-09-25-35		HAB-09-35-55		HAB-09-55-75		HAB-09-75-85		HAB-10-00-05		HAB-10-05-15		HAB-10-15-25		HAB-11-00-05		HAB-11-05-10	
	Date Collected		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/11/2008		3/11/2008	
	Depth		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-8.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5	
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																						
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	214	U	1200		1120		1070		372		16800		10900		6660		4560		7450	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	1790		459		491		442		122		7470		4880		1280		1980		3690	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	307	U	36.8	U	56.7		66.1		18	U	505		268		856	U	79.3		179	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	225	U	35.3	U	24.4	U	36.8	U	14	U	152		38.7		216	U	30.5		38.8	U
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	449		252		251		272		73.9		978		1110		219	U	429		715	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	245	U	70.9		27.8	U	81.7		15.6	U	698		646		253	U	53.4	U	426	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	204		112		123		85.3		28.7		284		206	U	184	U	84.5	U	213	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	226	U	75		77.8		102		24.5		336		77.4	U	222	U	133		167	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	157	U	13.2		39.9	U	32.7	U	17	U	430	U	223	U	222	U	98.8	U	52.5	U
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	1510	U	56.8	U	46.6	U	48.5	U	29.1	U	112	U	192	U	491	U	33.5		49.2	
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	420	U	44.4	U	108		28	U	19.9	U	149		161	U	438	U	59.8	U	95.8	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	173	U	57.2		35.1	U	28.2	U	14.9		268		346		203	U	100		43.8	U
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	611	U	90.1		28.4	U	29.3	U	20.5	U	179	U	237		438	U	62.2	U	249	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	95.1	U	38.8		22.9	U	15.4		9.57		666		703		559	U	305		553	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	282		162		146		217		70.6		323		410		591	U	199		301	
OCDD	3268-87-9	ppt-TOC	30300		46900		42100		50900		14700		255000		156000		170000		56400		83300	
OCDF	39001-02-0	ppt-TOC	3380		1660		1460		1710		262		22100		13400		11400		4000		6360	
PCB-209	2051-24-3	ppt-TOC																				
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																				
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																				
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																				
Total HpCDD	37871-00-4	ppt-TOC																				
Total HpCDF	38998-75-3	ppt-TOC																				
Total HxCDD	34465-46-8	ppt-TOC																				
Total HxCDF	55684-94-1	ppt-TOC																				
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																				
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																				
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																				
Total PeCDD	36088-22-9	ppt-TOC																				
Total PeCDF	30402-15-4	ppt-TOC																				
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																				
Total TCDD	41903-57-5	ppt-TOC																				
Total TCDF	55722-27-5	ppt-TOC																				
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																				
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																				

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	VT-08-12		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-14	
		Sample Name	HAB-12-00-05		HAB-13-00-05		HAB-13-05-15		HAB-13-15-25		HAB-13-25-35		HAB-13-35-55		HAB-13-55-75		HAB-13-75-95		HAB-13-95-103		HAB-14-00-05			
		Date Collected	3/11/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/7/2008			
		Depth	0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.3		0.0-0.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	8010		13100		20300		18300		2690		814		923		1140		1110		16000			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	5030		6940		15800		19100		1840		179		23	U	178		97		9510			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	41.2	U	598		1270		1090		310	U	26.7	U	54.2	U	24.3		14.2	U	601			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	65.5	U	148		161		140		109	U	7.35	U	17.5		15.8		13.5		147			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	1130		1690		4060		3650		431		109		119		119		54.4		2660			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	335		687		1360		1180		120	U	8.57	U	39.2		46.8		31.1		1140			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	364		499		1100		1080		208		42.4		45.6		44.9		18.2		763			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	240		547		852		576		110	U	48.8		26.8		67.3		69.9		650			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	96.9	U	44	U	88.8		71.5		176	U	10.2	U	33.7	U	2.86		3.72		42.4			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	83.5		113		265		223		463	U	31.4	U	9.37		18.4	U	22.6	U	185			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	234		319		698		509		221	U	15.5	U	23.3	U	33.7		16.9		454			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	85.9	U	299		584		536		150	U	30.6		34.7		42		16.6		610			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	73.7	U	456		772		591		218	U	58.4		58		67.1		7.77	U	682			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1330		1050		9360		4940		256	U	13.5	U	9.62		13.1		6.76		1580			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	361		562		1160		736		637	U	115		81.8		47		14.5		975			
OCDD	3268-87-9	ppt-TOC	92900		164000		302000		273000		86400		47600		49900		58600		43800		174000			
OCDF	39001-02-0	ppt-TOC	10100		13800		38800		39100		2580		525		181		404		177		19700			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC																						
Total HpCDF	38998-75-3	ppt-TOC																						
Total HxCDD	34465-46-8	ppt-TOC																						
Total HxCDF	55684-94-1	ppt-TOC																						
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC																						
Total PeCDF	30402-15-4	ppt-TOC																						
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC																						
Total TCDF	55722-27-5	ppt-TOC																						
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-15	
		Sample Name	HAB-14-05-15		HAB-14-115-135		HAB-14-135-155		HAB-14-15-25		HAB-14-25-35		HAB-14-35-55		HAB-14-55-75		HAB-14-75-95		HAB-14-95-115		HAB-15-00-05							
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008							
		Depth	0.5-1.5		11.5-13.5		13.5-15.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5							
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft							
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N							
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual						
Dioxins/Furans																												
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	19000		32300		35800		30300		36800		25900		20900		16000		18600		7340							
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	9840		22600		19800		23700		33100		11700		11800		12600		14300		4190							
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	653		1110		1180		1540		1840		1200		911		922		989		216							
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	137		159		82.7		284		262		216		166		146		136		80							
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	2530		5090		3250		6320		8270		3790		3260		3310		3400		1130							
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1310		1390		1440		2030		2310		1630		1470		1050		1170		362							
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	754		1290		657		1850		2370		1140		988		992		911		358							
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	724		696		468		1150		1220		928		819		581		680		320							
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	62.7		57.7		30.9		108		140		107		83.4		51.5		78		14.2	U						
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	229		401		1090	U	362		287		237		244		180		248		35.1	U						
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	443		596		237	U	1060		1310		808		687		588		533		190							
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	579		700		867	U	1250		1560		904		585		476		487		161							
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	644		942		312		1280		1650		1050		684		624		591		325							
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1950		21300		4820		2730		3070		8030		9320		9900		3990		885							
2,3,7,8-TCDF	51207-31-9	ppt-TOC	926		934		942		1670		2030		1410		1200		1390		996		407							
OCDD	3268-87-9	ppt-TOC	202000		379000		519000		332000		442000		360000		304000		195000		252000		77000							
OCDF	39001-02-0	ppt-TOC	26400		46400		47000		46100		61200		30800		28100		27800		36200		6760							
PCB-209	2051-24-3	ppt-TOC																										
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																										
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																										
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																										
Total HpCDD	37871-00-4	ppt-TOC																										
Total HpCDF	38998-75-3	ppt-TOC																										
Total HxCDD	34465-46-8	ppt-TOC																										
Total HxCDF	55684-94-1	ppt-TOC																										
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																										
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																										
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																										
Total PeCDD	36088-22-9	ppt-TOC																										
Total PeCDF	30402-15-4	ppt-TOC																										
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																										
Total TCDD	41903-57-5	ppt-TOC																										
Total TCDF	55722-27-5	ppt-TOC																										
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																										
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																										

Table B-1
TOC-Normalized Dioxins/Furans

Location ID			VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-16		VT-08-16			
Sample Name			HAB-15-05-15		HAB-15-115-135		HAB-15-15-25		HAB-15-25-35		HAB-15-35-55		HAB-15-55-75		HAB-15-75-95		HAB-15-95-115		HAB-16-00-05		HAB-16-05-15			
Date Collected			3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008			
Depth			0.5-1.5		11.5-13.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5			
depth_unit			ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
HasFieldDuplicate			N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	20700		35900		27700		29400		36500		24500		19700		24900		9470		9250			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	9270		25600		13600		22700		45600		14100		14600		17600		16800		5830			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	601		1490		1020		1630		2630		1690		1270		645		701		371			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	143		115		223		244		280		71.8		148		128		430	U	56.7	U		
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	2440		4860		3490		5770		11500		4040		3610		3930		666	U	1580			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1090		1210		1770		1600		2080		1420		1250		1320		496	U	484			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	665		1250		1060		1670		3050		1370		1090		1020		710	U	470			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	646		555		993		919		1180		832		783		608		445	U	330			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	55.5	U	187	U	45.2		110		140		78.5		73.6		541	U	846	U	125	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	141		256		351		229		146	U	197		213		203		769	U	94.2			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	449		442		601		953		1450		1050		729		467	U	303		302			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	491		512		719		1080		1820		856		526		617		693	U	229			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	605		856		873		1100		2150		1560		822		671		649	U	403			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	1380		12900		2440		2240		2700		7740		9410		11300		2280		1190			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	679		637		1120		1410		1870		2080		1180		1160		483		541			
OCDD	3268-87-9	ppt-TOC	194000		498000		287000		298000		385000		339000		256000		276000		108000		111000			
OCDF	39001-02-0	ppt-TOC	17100		51100		24800		43100		80000		38000		31700		37900		22900		11500			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC																						
Total HpCDF	38998-75-3	ppt-TOC																						
Total HxCDD	34465-46-8	ppt-TOC																						
Total HxCDF	55684-94-1	ppt-TOC																						
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC																						
Total PeCDF	30402-15-4	ppt-TOC																						
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC																						
Total TCDF	55722-27-5	ppt-TOC																						
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

		Location ID	VT-08-16		VT-08-16		VT-08-16		VT-08-16		VT-08-17		VT-08-17		VT-08-17		VT-08-17		VT-08-17		VT-08-18		VT-08-18	
		Sample Name	HAB-16-15-25		HAB-16-25-35		HAB-16-35-55		HAB-16-55-75		HAB-17-00-05		HAB-17-05-15		HAB-17-15-25		HAB-17-25-35		HAB-17-35-43		HAB-18-00-05		HAB-18-05-15			
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/6/2008		3/6/2008			
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.3		0.0-0.5		0.5-1.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																										
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	30000		3990		1080		1180		15100		10000		43200		22100		22800		21300		34400			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	21900		5710		555		492		9420		7280		20600		13300		17200		14600		31600			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	1440		420		63.9	U	41.4	U	778		1490		1680		1180		1290		870		1660			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	89.1	U	28.6		50.8	U	48.8	U	227		232	U	305		220		190		149		204			
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	3820		1200		251		263		2650		2830		5740		3720		4630		3580		6910			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	1040		243		56.6	U	98		1120		1800		2040		1440		1480		1090		1610			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	1180		553		132		75.3		761		1120		1630		1180		1280		962		1740			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	506		129		51.7		98.9		720		1320		1140		884		809		602		782			
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	246	U	31		38.6	U	78.3	U	91.3		757		169		116		98.5		59.5		101			
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	151		122	U	86.2	U	76.8	U	222		1010	U	302		254		230		179		379			
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	470		67.2	U	86.5		47.3	U	502		309	U	979		775		822		511		719			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	502		176		32.6	U	81.6		615		1150		1270		889		915		631		923			
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	669		236		40.6	U	89.1		782		597		1280		937		1100		851		1170			
2,3,7,8-TCDD	1746-01-6	ppt-TOC	4280		198		19.3		8.75		1240		1690		2670		1760		3510		2850		16400			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	763		340		155		186		1010		1350		1660		1230		1430		986		1270			
OCDD	3268-87-9	ppt-TOC	456000		82600		45900		46000		174000		84900		391000		233000		314000		271000		464000			
OCDF	39001-02-0	ppt-TOC	46100		8400		2650		1590		16000		10500		37700		24200		32700		28200		73700			
PCB-209	2051-24-3	ppt-TOC																								
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																								
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																								
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																								
Total HpCDD	37871-00-4	ppt-TOC																								
Total HpCDF	38998-75-3	ppt-TOC																								
Total HxCDD	34465-46-8	ppt-TOC																								
Total HxCDF	55684-94-1	ppt-TOC																								
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																								
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																								
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																								
Total PeCDD	36088-22-9	ppt-TOC																								
Total PeCDF	30402-15-4	ppt-TOC																								
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																								
Total TCDD	41903-57-5	ppt-TOC																								
Total TCDF	55722-27-5	ppt-TOC																								
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																								
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																								

Table B-1
TOC-Normalized Dioxins/Furans

			Location ID	VT-08-19		VT-08-19		VT-08-19		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20	
			Sample Name	HAB-19-00-05		HAB-19-05-15		HAB-19-15-25		HAB-20-00-05		HAB-20-05-15		HAB-20-15-25		HAB-20-25-35		HAB-20-35-55		HAB-20-55-75		HAB-20-75-95		HAB-20-95-115	
			Date Collected	3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008	
			Depth	0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	12400		191		363		57100		19600		31800		32800		13500		11200		6750		1410	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	7670		24.2		306	U	37400		16300		19000		17600		16400		10700		9860		2350	
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	614		16.1	U	360	U	4610		1670		1360		933		796		617		487		375	
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	98.3		13.3	U	37.3	U	472		184		274		136		90.6		64.5		45.7		17	
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	1650		6.94	U	26.1		9740		4770		4620		3390		3330		1880		1680		549	
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	745		15.3	U	43.5	U	3200		1430		2290		1100		730		487		355		79.4	
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	471		6.39	U	36	U	3770		1350		1470		996		867		596		643		389	
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	517		13.6	U	34.8		1480		836		1130		488		380		266		197		75	
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	82.8		6.94	U	36	U	468		161		150		60.3		28.9		37		31.2		25.2	
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	117	U	36.7	U	269	U	408		228		323		222		111		84.6		76.6		15.9	U
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	269		19.2	U	70.8	U	1640		839		881		422		418		289		274		182	
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	353		6.39	U	36	U	1500		782		793		471		382		307		311		135	
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	136	U	19.2	U	24.8	U	1760		981		926		633		397		311		297		141	
2,3,7,8-TCDD	1746-01-6	ppt-TOC	2270		25.8	U	56.5		5820		2770		5610		15100		5290		231		47.8		12	
2,3,7,8-TCDF	51207-31-9	ppt-TOC	460		22.2	U	250	U	2540		1370		1520		608		368		341		373		207	
OCDD	3268-87-9	ppt-TOC	207000		5260		8590		578000		258000		418000		363000		199000		184000		112000		43600	
OCDF	39001-02-0	ppt-TOC	17800		85.6		194		99600		38400		44200		39600		31600		18500		10900		4620	
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC																						
Total HpCDF	38998-75-3	ppt-TOC																						
Total HxCDD	34465-46-8	ppt-TOC																						
Total HxCDF	55684-94-1	ppt-TOC																						
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC																						
Total PeCDF	30402-15-4	ppt-TOC																						
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC																						
Total TCDF	55722-27-5	ppt-TOC																						
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-1
TOC-Normalized Dioxins/Furans

	Location ID		VT-08-21		VT-08-21		VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22	
	Sample Name		HAB-21-00-05		HAB-21-05-15		HAB-22-00-05		HAB-22-05-15		HAB-22-15-25		HAB-22-25-35		HAB-22-35-55		HAB-22-55-75		HAB-22-75-95		HAB-22-95-107			
	Date Collected		3/6/2008		3/6/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008			
	Depth		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.7			
	depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
	HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Dioxins/Furans																								
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	5400		7170		13900		17500		21700		33600		15800		30200		19800		1150			
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	2620		3670		10200		13300		15800		18900		11000		18400		17600		1570			
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	250		227		668		1190		954		1020		588		1470		893		472			
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	94.5		89.4		129		104		139		150		98		132		123		33.8	U		
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	704		910		2810		3540		3380		3830		2480		3660		3510		325			
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	293		437		781		1140		1040		1150		643		1020		786		27.3			
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	218		310		750		1020		924		1070		687		1070		982		135			
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	178		285		491		604		502		493		540		568		463		34.2	U		
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	90.8	U	16.8		63.5		125		58.9		25.3		84.2	U	92.1		432	U	221	U		
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	68.9	U	67.2		145		230		256		429		128		284		152		60.8	U		
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	118	U	168		577		674		431		418		368		391		421		10.8			
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	106		221		466		546		456		494		362		356	U	354		203	U		
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	183		249		670		831		652		1080		457		699		535		27.7	U		
2,3,7,8-TCDD	1746-01-6	ppt-TOC	569		712		3840		3430		10100		16900		3680		11000		2440		55.8			
2,3,7,8-TCDF	51207-31-9	ppt-TOC	246		306		765		1060		963		739		593		706		512		118	U		
OCDD	3268-87-9	ppt-TOC	59300		85700		185000		218000		281000		472000		216000		388000		301000		31400			
OCDF	39001-02-0	ppt-TOC	5170		7240		22500		32300		37000		33700		24100		43000		35600		5550			
PCB-209	2051-24-3	ppt-TOC																						
Total Dichlorobiphenyl	25512-42-9	ppt-TOC																						
Total Heptachlorobiphenyl	28655-71-2	ppt-TOC																						
Total Hexachlorobiphenyl	26601-64-9	ppt-TOC																						
Total HpCDD	37871-00-4	ppt-TOC																						
Total HpCDF	38998-75-3	ppt-TOC																						
Total HxCDD	34465-46-8	ppt-TOC																						
Total HxCDF	55684-94-1	ppt-TOC																						
Total Monochlorobiphenyl	27323-18-8	ppt-TOC																						
Total Nonachlorobiphenyl	53742-07-7	ppt-TOC																						
Total Octachlorobiphenyl	55722-26-4	ppt-TOC																						
Total PeCDD	36088-22-9	ppt-TOC																						
Total PeCDF	30402-15-4	ppt-TOC																						
Total Pentachlorobiphenyl	25429-29-2	ppt-TOC																						
Total TCDD	41903-57-5	ppt-TOC																						
Total TCDF	55722-27-5	ppt-TOC																						
Total Tetrachlorobiphenyl	26914-33-0	ppt-TOC																						
Total Trichlorobiphenyl	25323-68-6	ppt-TOC																						

Table B-2
TOC-Normalized Herbicides

		Location ID	2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-002		2008 CLRC-002	
		Sample Name	08A-001-C1_(11.5-13.5)_N		08A-001-C1_(13.5-15.5)_N		08A-001-C1_(15.5-17.5)_N		08A-001-C1_(5.5-7.5)_N		08A-001-C1_(7.5-9.5)_N		08A-001-C1_(9.5-11.5)_N		08A-001-C2_(0-0.5)_N		08A-001-C2_(2.5-3.5)_N		08A-002-C1_(2.5-3.5)_N		08A-002-C2_(0-0.5)_N	
		Date Collected	11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/11/2008		11/11/2008	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		2.5-3.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	500	U	610	U	600	U	580	U	510	U	580	U	800	U	550	U	5200	U	790	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	500	U	610	U	600	U	580	U	510	U	580	U	800	U	550	U	5200	U	790	U
2,4-D	94-75-7	ppb-TOC	2000	U	2500	U	2500	U	2400	U	2100	U	2400	U	3200	U	2200	U	21000	U	3100	U
2,4-DB	94-82-6	ppb-TOC			2500	U	2500	U			2100	U	1300		3200	U	2200	U	21000	U	3100	U

		Location ID	2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004	
		Sample Name	08A-003-C1_(3.5-5.5)_N		08A-003-C1_(5.5-7.5)_N		08A-003-C1_(7.5-9.5)_N		08A-003-C2_(0-0.5)_N		08A-004-C1_(11.5-13.5)_N		08A-004-C1_(13.5-15.5)_N		08A-004-C1_(15.5-17.5)_N		08A-004-C1_(17.5-19.1)_N		08A-004-C1_(5.5-7.5)_N		08A-004-C1_(7.5-9.5)_N	
		Date Collected	11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		0.0-0.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.1		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	810	U	2100	U	3100	U	620	U	470	U	480	U	430	U	340	U	660	U	830	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	810	U	2100	U	3100	U	620	U	470	U	480	U	430	U	340	U	660	U	830	U
2,4-D	94-75-7	ppb-TOC	3200	U	8400	U	13000	U	2500	U	1900	U	1900	U	1800	U	1300	U	2600	U	3300	U
2,4-DB	94-82-6	ppb-TOC	3200	U	8400	U	13000	U	2500	U	1900	U	1900	U			1300	U	2600	U	3300	U

		Location ID	2008 CLRC-004		2008 CLRC-004		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006	
		Sample Name	08A-004-C1_(9.5-11.5)_N		08A-004-C2_(0-0.5)_N		08A-005-C1_(3.5-5.5)_N		08A-005-C1_(5.5-7.5)_N		08A-005-C1_(7.5-9.5)_N		08A-005-C1_(9.5-11.5)_N		08A-005-C2_(0-0.5)_N		08A-006-C1_(11.5-13.5)_N		08A-006-C1_(13.5-15.5)_N		08A-006-C1_(15.5-16.9)_N	
		Date Collected	11/25/2008		11/25/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/18/2008		11/18/2008		11/18/2008	
		Depth	9.5-11.5		0.0-0.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		11.5-13.5		13.5-15.5		15.5-16.9	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	700	U	720	U	500	U	660	U	690	U	450	U	550	U	960	U	910	U	1000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	700	U	720	U	500	U	660	U	690	U	450	U	550	U	960	U	910	U	1000	U
2,4-D	94-75-7	ppb-TOC	2900	U	2900	U	2000	U	2600	U	2700	U	1800	U	2200	U	4000	U	3600	U	4000	U
2,4-DB	94-82-6	ppb-TOC	2900	U	2900	U	2000	U	2600	U	2700	U	1800	U	2200	U	4000	U	3600	U	4000	U

		Location ID	2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007	
		Sample Name	08A-006-C1_(3.5-5.5)_N		08A-006-C1_(5.5-7.5)_N		08A-006-C1_(7.5-9.5)_N		08A-006-C1_(9.5-11.5)_N		08A-006-C2_(0-0.5)_N		08A-006-C2_(1.5-2.5)_N		08A-007-C1_(0-0.5)_N		08A-007-C2_(11.5-13.5)_N		08A-007-C2_(13.5-15.5)_N		08A-007-C2_(15.5-17.5)_N	
		Date Collected	11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		1.5-2.5		0.0-0.5		11.5-13.5		13.5-15.5		15.5-17.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	940	U	1000	U	910	U	920	U	580	U	590	U	580	U	1000	U	1200	U	1200	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	940	U	1000	U	910	U	920	U	580	U	590	U	580	U	1000	U	1200	U	1200	U
2,4-D	94-75-7	ppb-TOC	3900	U	4000	U	3700	U	3800	U	2300	U	2400	U	2400	U	4200	U	4700	U	4700	U
2,4-DB	94-82-6	ppb-TOC	3900	U	4000	U	3700	U	3800	U	2300	U	2400	U	2400	U	4200	U	4700	U	4700	U

		Location ID	2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008	
		Sample Name	08A-007-C2_(3.5-5.5)_N		08A-007-C2_(5.5-7.5)_N		08A-007-C2_(7.5-9.5)_N		08A-007-C2_(9.5-11.5)_N		08A-008-C1_(11.5-13.5)_N		08A-008-C1_(13.5-15.5)_N		08A-008-C1_(5.5-7.5)_N		08A-008-C1_(7.5-9.5)_N		08A-008-C1_(9.5-11.5)_N		08A-008-C2_(0-0.5)_N	
		Date Collected	11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	710	U	1100	U	1100	U	930	U	430	U			540	U	680	U	660	U	620	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	710	U	1100	U	1100	U	930	U	430	U	220	U	540	U	680	U	660	U	620	U
2,4-D	94-75-7	ppb-TOC	2900	U	4400	U	4300	U	3700	U	1700	U	880	U	2200	U	2700	U	2700	U	2500	U
2,4-DB	94-82-6	ppb-TOC	2900	U	4400	U	4300	U	3700	U	1700	U	880	U	2200	U	2700	U	2700	U	2500	U

		Location ID	2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010	
		Sample Name	08A-009-C3_(3.5-5.5)_N		08A-009-C3_(5.5-7.5)_N		08A-009-C3_(7.5-9.5)_N		08A-009-C3_(9.5-11.5)_N		08A-010-C1_(0-0.5)_N		08A-010-C1_(5.5-7.5)_N		08A-010-C2_(11.5-13.5)_N		08A-010-C2_(13.5-15.5)_N		08A-010-C2_(15.5-17.5)_N		08A-010-C2_(17.5-19.5)_N	
		Date Collected	11/10/2008		11/10/2008		11/10/2008		11/10/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		5.5-7.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	480	U	620	U	500	U	330	U	480	U	410	U	440	U	390	U	300	U	320	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	480	U	620	U	500	U	330	U	480	U	410	U	440	U	390	U	300	U	320	U
2,4-D	94-75-7	ppb-TOC	1900	U	2500	U	2000	U	1300	U	1800	U	1700	U	1800	U	1600	U	1200	U	1300	U
2,4-DB	94-82-6	ppb-TOC	1900	U	2500	U	2000	U	1300	U	1800	U	1700	U	1800	U	1600	U	1200	U	1300	U

		Location ID	2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011	
		Sample Name	08A-010-C2_(19.5-21.75)_N		08A-010-C2_(7.5-9.5)_N		08A-010-C2_(9.5-11.5)_N		08A-011-C1_(11.5-13.5)_N		08A-011-C1_(13.5-15.5)_N		08A-011-C1_(15.5-17.5)_N		08A-011-C1_(17.5-19.5)_N		08A-011-C1_(3.5-5.5)_N		08A-011-C1_(7.5-9.5)_N		08A-011-C1_(9.5-11.5)_N	
		Date Collected	12/8/2008		12/8/2008		12/8/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008	
		Depth	19.5-21.8		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		3.5-5.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	310	U	570	U	550	U	1000	U	1500	U	1200	U	1500	U	1200	U	1200	U	1500	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	310	U	570	U	550	U	1000	U	1500	U	1200	U	1500	U	1200	U	1200	U	1500	U
2,4-D	94-75-7	ppb-TOC	1300	U			2200	U	4300	U	6000	U	5000	U	6300	U	5000	U	4800	U	5800	U
2,4-DB	94-82-6	ppb-TOC	1300	U	2300	U	2200	U	4300	U	6000	U	5000	U	6300	U	5000	U	4800	U	5800	U

		Location ID	2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013	
		Sample Name	08A-012-C1_(11.5-13.5)_N		08A-012-C1_(7.5-9.5)_N		08A-012-C1_(9.5-11.5)_N		08A-012-C2_(0.5-1.5)_N		08A-012-C2_(0-0.5)_N		08A-012-C2_(3.93-5.5)_N		08A-013-C1_(0-0.5)_N		08A-013-C2_(11.5-13.5)_N		08A-013-C2_(13.5-15.5)_N		08A-013-C2_(3.5-5.5)_N	
		Date Collected	12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008	
		Depth	11.5-13.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		3.9-5.5		0.0-0.5		11.5-13.5		13.5-15.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	430	U	600	U	460	U	620	U	690	U	660	U	320	U	350	U	320	U	500	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	430	U	600	U	460	U	620	U	690	U	660	U	320	U	350	U	320	U	500	U
2,4-D	94-75-7	ppb-TOC	1700	U	2300	U	1900	U	2500	U	2800	U	2600	U	1300	U	1400	U	1300	U	2000	U
2,4-DB	94-82-6	ppb-TOC	1700	U	2300	U	1900	U	2500	U	2800	U	2600	U	1300	U	1400	U	1300	U	2000	U

		Location ID	2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014	
		Sample Name	08A-013-C2_(5.5-7.5)_N		08A-013-C2_(7.5-9.5)_N		08A-013-C2_(9.5-11.5)_N		08A-014-C1_(11.5-13.5)_N		08A-014-C1_(13.5-15.5)_N		08A-014-C1_(15.5-17.5)_N		08A-014-C1_(17.5-19.75)_N		08A-014-C1_(7.5-9.5)_N		08A-014-C1_(9.5-11.5)_N		08A-014-C2_(0-0.5)_N	
		Date Collected	11/17/2008		11/17/2008		11/17/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.8		7.5-9.5		9.5-11.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	560	U	630	U	480	U	420	U	520	U	610	U	410	U	310	U	390	U	610	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	560	U	630	U	480	U	420	U	73		610	U	410	U	310	U	390	U	610	U
2,4-D	94-75-7	ppb-TOC	2200	U	2500	U	1900	U	1700	U	2000	U	2400	U	1600	U	1300	U	1500	U	2400	U
2,4-DB	94-82-6	ppb-TOC	2200	U	2500	U	1900	U	1700	U	2000	U	2400	U	1600	U	1300	U	1500	U	2400	U

		Location ID	2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-016	
		Sample Name	08A-014-C2_(1.5-2.5)_N		08A-014-C2_(2.5-3.5)_N		08A-014-C2_(5.5-7.5)_N		08A-015-C2_(10.5-11.85)_N		08A-015-C2_(11.85-13.15)_N		08A-015-C2_(3.5-5.5)_N		08A-015-C2_(5.5-7.5)_N		08A-015-C2_(7.5-8.35)_N		08A-015-C2_(8.35-10.5)_N		08A-016-C1_(11.5-13.5)_N	
		Date Collected	12/3/2008		12/3/2008		12/3/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		12/1/2008	
		Depth	1.5-2.5		2.5-3.5		5.5-7.5		10.5-11.9		11.9-13.1		3.5-5.5		5.5-7.5		7.5-8.4		8.4-10.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	630	U	390	U	340	U	940	U	390	U	550	U	80	U	69	U	2000	U	450	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	630	U	390	U	340	U	940	U	390	U	550	U	80	U	69	U	2000	U	450	U
2,4-D	94-75-7	ppb-TOC	2500	U	1600	U	1400	U	3700	U	1500	U	2300	U	330	U	270	U	8300	U	1800	U
2,4-DB	94-82-6	ppb-TOC	2500	U	1600	U	1400	U	3700	U	1500	U	2300	U	330	U	270	U	8300	U	1800	U

		Location ID	2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017	
		Sample Name	08A-016-C1_(13.5-15.5)_N		08A-016-C1_(15.5-17.5)_N		08A-016-C1_(17.5-19.12)_N		08A-016-C1_(7.5-9.5)_N		08A-016-C1_(9.5-11.5)_N		08A-016-C2_(3.5-5.5)_N		08A-017-C1_(11.5-13.5)_N		08A-017-C1_(13.5-15.5)_N		08A-017-C1_(15.5-17.5)_N		08A-017-C1_(17.5-19.5)_N	
		Date Collected	12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008	
		Depth	13.5-15.5		15.5-17.5		17.5-19.1		7.5-9.5		9.5-11.5		3.5-5.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	350	U	350	U	290	U	400	U	380	U	400	U	360	U	370	U	660	U	500	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	350	U	350	U	290	U	400	U	380	U	400	U	360	U	370	U	660	U	500	U
2,4-D	94-75-7	ppb-TOC	1400	U	1400	U	1200	U	1600	U	1600	U	1600	U	1400	U	1500	U	2600	U	1900	U
2,4-DB	94-82-6	ppb-TOC	1400	U	1400	U	1200	U	1600	U	1600	U	1600	U	1400	U	1500	U	2600	U	1900	U

		Location ID	2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018	
		Sample Name	08A-017-C1_(19.5-21.7)_N		08A-017-C1_(21.7-23.5)_N		08A-017-C1_(3.5-5.5)_N		08A-017-C1_(5.5-7.5)_N		08A-017-C1_(7.5-9.5)_N		08A-017-C1_(9.5-11.5)_N		08A-018-C1_(11.5-13.5)_N		08A-018-C1_(3.5-5.5)_N		08A-018-C1_(5.5-7.5)_N		08A-018-C1_(7.5-9.5)_N	
		Date Collected	12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008	
		Depth	19.5-21.7		21.7-23.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	330	U	870	U	500	U	470	U	450	U	380	U	1700	U	390	U	61	U	810	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	330	U	870	U	500	U	470	U	450	U	380	U	1700	U	390	U	61	U	810	U
2,4-D	94-75-7	ppb-TOC	1300	U	3500	U	2000	U	1900	U	1800	U	1500	U	6700	U	1600	U	250	U	3200	U
2,4-DB	94-82-6	ppb-TOC	1300	U	3500	U	2000	U	1900	U	1800	U	1500	U	6700	U	1600	U	250	U	3200	U

		Location ID	2008 CLRC-018		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-020		2008 CLRC-020	
		Sample Name	08A-018-C1_(9.5-11.5)_N		08A-019-C1_(0-0.5)_N		08A-019-C1_(3.5-5.27)_N		08A-019-D1_(0.07-0.16)_N		08A-019-D1_(0.16-0.33)_N		08A-019-D1_(0.33-0.98)_N		08A-019-D1_(0.98-1.97)_N		08A-019-D1_(0-0.07)_N		08A-020-C2_(5.5-7.5)_N		08A-020-C2_(7.5-9.5)_N	
		Date Collected	11/10/2008		9/24/2008		9/24/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		11/4/2008		11/4/2008	
		Depth	9.5-11.5		0.0-0.5		3.5-5.3		0.1-0.2		0.2-0.3		0.3-1.0		1.0-2.0		0.0-0.1		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	640	U	280	U	320	U	360	U	29		340	U	450	U	540	U	240	U	390	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	640	U	280	U	320	U	360	U	170	U	340	U	450	U	540	U	240	U	390	U
2,4-D	94-75-7	ppb-TOC	2600	U	1100	U	1300	U	1400	U	710	U	1400	U	1800	U	2100	U	930	U	1600	U
2,4-DB	94-82-6	ppb-TOC	2600	U	1100	U	1300	U	1400	U	710	U	1400	U	1800	U	2100	U	930	U	1600	U

		Location ID	2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		AK02SED087	
		Sample Name	08A-020-C2_(9.5-11.5)_N		08A-020-C3_(0.5-1.5)_N		08A-020-C3_(0-0.5)_N		08A-020-C3_(2.5-3.5)_N		08A-021-C1_(3.5-5.5)_N		08A-021-C1_(5.5-7.5)_N		08A-021-C1_(7.5-9.5)_N		08A-021-C1_(9.5-11.4)_N		08A-021-C2_(0-0.5)_N		AK02SED087C-01	
		Date Collected	11/4/2008		11/4/2008		11/4/2008		11/4/2008		11/6/2008		11/6/2008		11/6/2008		11/6/2008		11/6/2008		11/27/2007	
		Depth	9.5-11.5		0.5-1.5		0.0-0.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.4		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	530	U	550	U	590	U	380	U	430	U	360	U	330	U	570	U	270	U	2200	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	530	U	550	U	590	U			430	U	360	U	330	U	570	U	270	U		
2,4-D	94-75-7	ppb-TOC	2100	U	2200	U	2400	U	1500	U	1800	U	1500	U	1300	U	2300	U	1100	U	4100	
2,4-DB	94-82-6	ppb-TOC	2100	U	2200	U	2400	U	1500	U	1800	U	1700		1300	U	2300	U	1100	U	24000	

		Location ID	AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087	
		Sample Name	AK02SED087C-02		AK02SED087C-03		AK02SED087C-04		AK02SED087C-05		AK02SED087C-05		AK02SED087C-06		AK02SED087C-07		AK02SED087C-08		AK02SED087C-09		AK02SED087C-10	
		Date Collected	11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-14.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	980	U	720	U	550	U			610	U	440	U	430	U	670	U	1700	U	310	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC									5400		2600		2700		200	U	170	U	130	U
2,4-D	94-75-7	ppb-TOC	3100		2300	U	3700				2800		2400		2300		1400		1400	U	2500	
2,4-DB	94-82-6	ppb-TOC			15000				32000								11000		25000		19000	

		Location ID	ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED084		ER02SED084		ER02SED084	
		Sample Name	ER02SED083G-01		ER02SED083G-02		ER02SED083G-03		ER02SED083G-04		ER02SED083G-04		ER02SED083G-05		ER02SED083G-06		ER02SED084D-01		ER02SED084D-02		ER02SED084D-03	
		Date Collected	12/3/2007		12/3/2007		12/3/2007		12/3/2007		12/3/2007		12/3/2007		12/3/2007		11/30/2007		11/30/2007		11/30/2007	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		2.5-3.5		3.5-5.5		5.5-7.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC			950		2100	U					550	U	3000	U	160		280	U	140	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	800								940		280	U	1500	U	410		350		130	
2,4-D	94-75-7	ppb-TOC	1200	U	2300		4400				1300	U	2300	U	12000	U	940	U	260		570	U
2,4-DB	94-82-6	ppb-TOC			8300		10000		840				1100	U	5800	U	450		1600		900	

		Location ID	ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067	
		Sample Name	ER02SED084D-04		ER02SED084D-05		ER02SED084D-06		ER02SED084D-07		ER02SED084D-08		HR01SED067B-01		HR01SED067B-02		HR01SED067B-03		HR01SED067B-04		HR01SED067B-05	
		Date Collected	11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	210		430	U	300		790	U	5200	U	10000	U	11000	U	10000	U	18000	U	18000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC							400	U	2600	U	10000	U	11000	U	10000	U	18000	U	18000	U
2,4-D	94-75-7	ppb-TOC	1600	U	3500		3000		3200	U	21000	U	23000	U	27000	U	25000	U	41000	U	42000	U
2,4-DB	94-82-6	ppb-TOC			18000				1600	U	10000	U	17000	U	20000	U	19000	U	33000	U	33000	U

		Location ID	HR01SED067		HR01SED069		HR01SED069		HR02SED103		HRRISED003		HRRISED003		HRRISED003		HRRISED004		HRRISED004		HRRISED005	
		Sample Name	HR01SED067B-06		HR01SED069C-01		HR01SED069C-02		HR02SED103E-01		HRRISED003C-01		HRRISED003C-02		HRRISED003C-03		HRRISED004B-01		HRRISED004B-02		HRRISED005B-01	
		Date Collected	12/1/2005		12/1/2005		12/1/2005		12/13/2007		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		11/1/2006	
		Depth	5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	16000	U	54000	U	100000	U	1900	U	2300	U	3600	U	11000	U	1500	U	1400	U	1300	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	16000	U	54000	U	100000	U	1500		2300	U	3600	U	11000	U	1500	U	1400	U	1300	U
2,4-D	94-75-7	ppb-TOC	38000	U	130000	U	240000	U	7400	U	9500	U	15000	U	43000	U	6400	U	5700	U	5100	U
2,4-DB	94-82-6	ppb-TOC	28000	U	98000	U	180000	U	5200		9500	U	15000	U	43000	U	6400	U	5700	U	5100	U

		Location ID	HRRISED005		HRRISED005		HRRISED005		HRRISED005		HRRISED005		HRRISED005		HRRISED006		HRRISED006		HRRISED006		HRRISED007	
		Sample Name	HRRISED005B-02		HRRISED005B-03		HRRISED005B-04		HRRISED005B-05		HRRISED005B-06		HRRISED005B-07		HRRISED006B-01		HRRISED006B-02		HRRISED006B-03		HRRISED007E-01	
		Date Collected	11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/7/2006	
		Depth	0.5-2.0		2.0-4.0		4.0-6.0		6.0-8.0		8.0-10.0		10.0-12.0		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	780	U	1000	U	1400	U	1000	U	970	U	2000	U	510	U	620	U	740	U	2400	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	780	U	1000	U	1400	U	1000	U	970	U	2000	U	510	U	620	U	740	U	2400	U
2,4-D	94-75-7	ppb-TOC	3100	U	4100	U	5900	U	4100	U	3800	U	8200	U	2000	U	2500	U	3000	U	9700	U
2,4-DB	94-82-6	ppb-TOC	3100	U	4100	U	5900	U	4100	U	3800	U	8200	U	2000	U	2500	U	3000	U	9700	U

		Location ID	HRRISED007		HRRISED008		HRRISED008		HRRISED009		HRRISED010		HRRISED010		HRRISED010		HRRISED039		HRRISED040		HRRISED041	
		Sample Name	HRRISED007E-02		HRRISED008B-01		HRRISED008B-02		HRRISED009C-01		HRRISED010B-01		HRRISED010B-02		HRRISED010B-03		HRRISED039A-01		HRRISED040A-01		HRRISED041A-01	
		Date Collected	11/7/2006		11/1/2006		11/1/2006		11/7/2006		11/3/2006		11/3/2006		11/3/2006		10/24/2006		10/26/2006		10/26/2006	
		Depth	0.5-2.0		0.0-0.5		0.5-2.0		0.0-0.5		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	1800	U	10000	U	10000	U	2500	U	950	U	830	U	980	U	1100	U	1200	U	1100	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	1800	U	10000	U	10000	U	2500	U	950	U	830	U	980	U	1100	U	1200	U	1100	U
2,4-D	94-75-7	ppb-TOC	7200	U	42000	U	40000	U	10000	U	3800	U	3300	U	3900	U	4300	U	4600	U	4300	U
2,4-DB	94-82-6	ppb-TOC	7200	U	42000	U	40000	U	10000	U	3800	U	3300	U	3900	U	4300	U	4600	U	4300	U

		Location ID	HRRISED042		HRRISED043		HRRISED044		HRRISED045		HRRISED046		HRRISED047		HRRISED048		HRRISED049		HRRISED050		KK02SED081	
		Sample Name	HRRISED042A-01		HRRISED043A-01		HRRISED044A-01		HRRISED045A-01		HRRISED046A-01		HRRISED047A-01		HRRISED048A-01		HRRISED049A-01		HRRISED050A-01		KK02SED081D-01	
		Date Collected	10/24/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		11/1/2006		10/31/2006		11/1/2006		11/20/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	3000	U	470	U	1100	U	680	U	1300	U	1000	U	1100	U	1300	U	1300	U	360	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	3000	U	470	U	1100	U	680	U	1300	U	1000	U	1100	U	1300	U	1300	U	610	
2,4-D	94-75-7	ppb-TOC	11000	U	2000	U	4500	U	2700	U	5300	U	4100	U	4400	U	5100	U	5100	U	2200	
2,4-DB	94-82-6	ppb-TOC	11000	U	2000	U	4500	U	2700	U	5300	U	4100	U	4400	U	5100	U	5100	U	14000	

		Location ID	KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED095		KK02SED095	
		Sample Name	KK02SED081D-02		KK02SED081D-03		KK02SED081D-04		KK02SED081D-05		KK02SED081D-06		KK02SED081D-07		KK02SED081D-08		KK02SED081D-09		KK02SED095E-01		KK02SED095E-02	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/19/2007		11/19/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	650	U	900	U	810	U	1100	U	1200	U	1000	U	1200	U	1200	U	770	U		
2,4,5-TP (Silvex)	93-72-1	ppb-TOC			550		400	U	530	U	630		550		610	U	590	U	370		290	
2,4-D	94-75-7	ppb-TOC	2600	U	3700	U	3200	U	1500		1500		1600		4900	U	4700	U	2600	U	1800	
2,4-DB	94-82-6	ppb-TOC	2900				2400				2300	U			2500	U	2300	U	1300	U		

		Location ID	KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095	
		Sample Name	KK02SED095E-03		KK02SED095E-04		KK02SED095E-05		KK02SED095E-06		KK02SED095E-07		KK02SED095E-08		KK02SED095E-09		KK02SED095E-10		KK02SED095E-11		KK02SED095E-12	
		Date Collected	11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	430	U	830		990		810		930		490	U							810	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	540		1100								370				800				400	U
2,4-D	94-75-7	ppb-TOC	4700		4500		6000		1800		2200		1400		2200	U	2100		2800		3200	U
2,4-DB	94-82-6	ppb-TOC													8700							

		Location ID	KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096	
		Sample Name	KK02SED096D-01		KK02SED096D-02		KK02SED096D-03		KK02SED096D-04		KK02SED096D-05		KK02SED096D-06		KK02SED096D-07		KK02SED096D-08		KK02SED096D-09		KK02SED096D-10	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	940	U	890	U	810	U	790	U	720	U	710	U	520	U	420	U	380		240	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC			630		840		1100		420				830		460		490		510	
2,4-D	94-75-7	ppb-TOC	1300		3700		5200		2500		1700		2900		2900		2800		4000		3300	
2,4-DB	94-82-6	ppb-TOC															1700	U				

		Location ID	KK02SED096		KK02SED096		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085	
		Sample Name	KK02SED096D-11		KK02SED096D-12		MC02SED085C-01		MC02SED085C-02		MC02SED085C-03		MC02SED085C-04		MC02SED085C-05		MC02SED085C-06		MC02SED085C-07		MC02SED085C-08	
		Date Collected	11/20/2007		11/20/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007	
		Depth	15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	390		460		640	U			1800		1200		1100		600		1900	U	780	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	2800		610																	
2,4-D	94-75-7	ppb-TOC	790	U	5100		1000		240		14000		7500		9700	U	4600	U	8000	U	2600	
2,4-DB	94-82-6	ppb-TOC	400	U			2400		680		12000				22000		9500		11000		9900	

		Location ID	MC02SED085		MC02SED085		NB01SED001A		NB01SED001A		NB01SED001A		NB01SED002		NB01SED002		NB01SED002		NB01SED002		NB01SED003	
		Sample Name	MC02SED085C-09		MC02SED085C-10		NB01SED001B-01		NB01SED001B-02		NB01SED001B-03		NB01SED002B-01		NB01SED002B-02		NB01SED002B-03		NB01SED002B-04		NB01SED003D-01	
		Date Collected	12/14/2007		12/14/2007		11/13/2005		11/13/2005		11/13/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/31/2005	
		Depth	11.5-13.5		13.5-15.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	1000	U	1300		27000	U	22000	U	16000	U	11000	U	12000	U	6900	U	32000	U	15000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC					27000	U	22000	U	16000	U	11000	U	12000	U	6900	U	32000	U	15000	U
2,4-D	94-75-7	ppb-TOC	3900	U	9100	U	64000	U	53000	U	38000	U	27000	U	29000	U	16000	U	76000	U	360000	U
2,4-DB	94-82-6	ppb-TOC	12000		8600		48000	U	39000	U	29000	U	20000	U	21000	U	12000	U	57000	U	28000	U

		Location ID	NB01SED003		NB01SED003		NB01SED003		NB01SED004		NB01SED004		NB01SED004		NB01SED005		NB01SED005		NB01SED005		NB01SED005	
		Sample Name	NB01SED003D-02		NB01SED003D-03		NB01SED003D-04		NB01SED004B-01		NB01SED004B-02		NB01SED004B-03		NB01SED005A-01		NB01SED005A-02		NB01SED005A-03		NB01SED005A-04	
		Date Collected	10/31/2005		10/31/2005		10/31/2005		10/30/2005		10/30/2005		10/30/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	6000	U	7100	U	5300	U	27000	U	15000	U	240000	U	29000	U	25000	U	20000	U	15000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	6000	U	7100	U	5300	U	27000	U	270		240000	U	29000	U	25000	U	20000	U	15000	U
2,4-D	94-75-7	ppb-TOC	140000	U	18000	U	13000	U	64000	U	34000	U	580000	U	68000	U	63000	U	47000	U	36000	U
2,4-DB	94-82-6	ppb-TOC	11000	U	13000	U	9600	U	48000	U	2900		440000	U	55000	U	46000	U	35000	U	3300	

		Location ID	NB01SED006A		NB01SED006A		NB01SED006A		NB01SED007		NB01SED007		NB01SED007		NB01SED007		NB01SED008A		NB01SED008A		NB01SED008A	
		Sample Name	NB01SED006AA-01		NB01SED006AA-02		NB01SED006AA-03		NB01SED007A-01		NB01SED007A-02		NB01SED007A-03		NB01SED007A-04		NB01SED008AA-01		NB01SED008AA-02		NB01SED008AA-03	
		Date Collected	11/27/2005		11/27/2005		11/27/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/14/2005		11/14/2005		11/14/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	34000	U	16000	U	34000	U	30000	U	30000	U	30000	U	20000	U	19000	U	19000	U	160000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	34000	U	16000	U	34000	U	30000	U	30000	U	30000	U	20000	U	19000	U	19000	U	160000	U
2,4-D	94-75-7	ppb-TOC	80000	U	40000	U	80000	U	72000	U	71000	U	70000	U	46000	U	44000	U	47000	U	380000	U
2,4-DB	94-82-6	ppb-TOC	60000	U	29000	U	60000	U	54000	U	57000	U	55000	U	36000	U	33000	U	35000	U	290000	U

Table B-2
TOC-Normalized Herbicides

		Location ID	NB01SED009		NB01SED009		NB01SED009		NB01SED009		NB01SED010A		NB01SED010A		NB01SED010A		NB01SED011		NB01SED011		NB01SED011	
		Sample Name	NB01SED009A-01		NB01SED009A-02		NB01SED009A-03		NB01SED009A-04		NB01SED010I-01		NB01SED010I-02		NB01SED010I-03		NB01SED011B-01		NB01SED011B-02		NB01SED011B-03	
		Date Collected	11/6/2005		11/6/2005		11/6/2005		11/6/2005		10/31/2005		10/31/2005		10/31/2005		11/1/2005		11/1/2005		11/1/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.3		1.3-2.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	61000	U	2600		42000	U	6000	U	32000	U	6000		89000	U	10000		8900	U	4200	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	61000	U	53000	U	42000	U	6000	U	32000	U	2800		89000	U	79000	U	8900	U	4200	U
2,4-D	94-75-7	ppb-TOC	150000	U	130000	U	100000	U	15000	U	75000	U	170000	U	220000	U	180000	U	22000	U	9900	U
2,4-DB	94-82-6	ppb-TOC	110000	U	98000	U	78000	U	11000	U	58000	U	130000	U	160000	U	140000	U	16000	U	7500	U

		Location ID	NB01SED011		NB01SED011		NB01SED011		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012	
		Sample Name	NB01SED011B-04		NB01SED011B-05		NB01SED011B-06		NB01SED012A-01		NB01SED012A-02		NB01SED012A-03		NB01SED012A-04		NB01SED012A-05		NB01SED012A-06		NB01SED012A-07	
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005	
		Depth	2.5-3.5		3.5-4.5		4.5-5.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		6.5-8.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	5200	U	4100	U	15000	U	86000	U	4600		77000	U	61000	U	52000	U	5200		3000	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	5200	U	4100	U	15000	U	86000	U	88000	U	77000	U	61000	U	52000	U	14000	U	10000	U
2,4-D	94-75-7	ppb-TOC	12000	U	9600	U	35000	U	210000	U	220000	U	190000	U	140000	U	120000	U	35000	U	24000	U
2,4-DB	94-82-6	ppb-TOC	9300	U	7300	U	28000	U	160000	U	160000	U	140000	U	110000	U	93000	U	26000	U	17000	U

Table B-2
TOC-Normalized Herbicides

		Location ID	NB01SED013		NB01SED013		NB01SED013		NB01SED014		NB01SED014		NB01SED014		NB01SED014		NB01SED015		NB01SED015		NB01SED015	
		Sample Name	NB01SED013C-02		NB01SED013C-03		NB01SED013C-04		NB01SED014A-01		NB01SED014A-02		NB01SED014A-03		NB01SED014A-04		NB01SED015A-01		NB01SED015A-02		NB01SED015A-03	
		Date Collected	10/31/2005		10/31/2005		10/31/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/1/2005		11/1/2005		11/1/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	21000	U	6100	U	7500	U	67000	U	79000	U	16000	U	13000	U	92000	U	9400	U	21000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	21000	U	6100	U	7500	U	67000	U	79000	U	16000	U	13000	U	92000	U	9400	U	21000	U
2,4-D	94-75-7	ppb-TOC	49000	U	15000	U	18000	U	160000	U	190000	U	39000	U	31000	U	220000	U	23000	U	49000	U
2,4-DB	94-82-6	ppb-TOC	37000	U	11000	U	13000	U	120000	U	150000	U	29000	U	24000	U	170000	U	18000	U	38000	U

		Location ID	NB01SED015		NB01SED016		NB01SED016		NB01SED016		NB01SED016		NB01SED017		NB01SED017		NB01SED017		NB01SED018		NB01SED018	
		Sample Name	NB01SED015A-04		NB01SED016C-01		NB01SED016C-02		NB01SED016C-03		NB01SED016C-04		NB01SED017B-01		NB01SED017B-02		NB01SED017B-03		NB01SED018D-01		NB01SED018D-02	
		Date Collected	11/1/2005		11/13/2005		11/13/2005		11/13/2005		11/13/2005		11/20/2005		11/20/2005		11/20/2005		11/6/2005		11/6/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	19000	U	45000	U	32000	U	29000	U	22000	U	31000	U	29000	U	36000	U	24000	U	45000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	19000	U	45000	U	32000	U	29000	U	450		31000	U	29000	U	36000	U	24000	U	45000	U
2,4-D	94-75-7	ppb-TOC	45000	U	110000	U	76000	U	72000	U	55000	U	74000	U	68000	U	83000	U	58000	U	110000	U
2,4-DB	94-82-6	ppb-TOC	35000	U	80000	U	57000	U	6100		3900		58000	U	52000	U	67000	U	43000	U	79000	U

		Location ID	NB01SED019		NB01SED019		NB01SED019		NB01SED019		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020	
		Sample Name	NB01SED019A-01		NB01SED019A-02		NB01SED019A-03		NB01SED019A-04		NB01SED020A-01		NB01SED020A-02		NB01SED020A-03		NB01SED020A-04		NB01SED020A-05		NB01SED020A-06	
		Date Collected	11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	47000	U	11000	U	9400	U	3800		540000	U	910000	U	51000	U	51000	U	550000	U	530000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	47000	U	11000	U	9400	U	15000	U	540000	U	910000	U	51000	U	51000	U	550000	U	530000	U
2,4-D	94-75-7	ppb-TOC	110000	U	25000	U	22000	U	37000	U	1300000	U	2100000	U	120000	U	120000	U	1400000	U	1300000	U
2,4-DB	94-82-6	ppb-TOC	86000	U	19000	U	17000	U	28000	U	1000000	U	1600000	U	93000	U	94000	U	1000000	U	1000000	U

		Location ID	NB01SED021		NB01SED021		NB01SED022		NB01SED022		NB01SED022		NB01SED022		NB01SED023		NB01SED023		NB01SED023		NB01SED023	
		Sample Name	NB01SED021B-01		NB01SED021B-02		NB01SED022A-01		NB01SED022A-02		NB01SED022A-03		NB01SED022A-04		NB01SED023A-01		NB01SED023A-02		NB01SED023A-03		NB01SED023A-04	
		Date Collected	11/20/2005		11/20/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005	
		Depth	0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	41000	U	55000	U	34000	U	24000	U	23000	U	24000	U	22000	U	24000	U	28000	U	3000	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	41000	U	55000	U	34000	U	24000	U	23000	U	24000	U	24000	U	24000	U	28000	U	12000	U
2,4-D	94-75-7	ppb-TOC	100000	U	140000	U	79000	U	56000	U	55000	U	57000	U	57000	U	56000	U	63000	U	30000	U
2,4-DB	94-82-6	ppb-TOC	72000	U	100000	U	63000	U	44000	U	5200		43000	U	43000	U	44000	U	50000	U	1800	

		Location ID	NB01SED024		NB01SED024		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED026		NB01SED026	
		Sample Name	NB01SED024B-01		NB01SED024B-02		NB01SED025B-01		NB01SED025B-02		NB01SED025B-03		NB01SED025B-04		NB01SED025B-05		NB01SED025B-06		NB01SED026A-01		NB01SED026A-03	
		Date Collected	11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/2/2005		11/2/2005	
		Depth	0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		1.5-3.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	54000	U	25000	U	220000	U	39000	U	34000	U	36000	U	390000	U	51000	U	29000	U	46000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	54000	U	25000	U	220000	U	39000	U	34000	U	36000	U	390000	U	51000	U	29000	U	46000	U
2,4-D	94-75-7	ppb-TOC	130000	U	58000	U	530000	U	93000	U	81000	U	86000	U	920000	U	120000	U	74000	U	120000	U
2,4-DB	94-82-6	ppb-TOC	100000	U	44000	U	410000	U	70000	U	62000	U	66000	U	690000	U	92000	U	53000	U	85000	U

		Location ID	NB01SED027		NB01SED027		NB01SED027		NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED029	
		Sample Name	NB01SED027A-01		NB01SED027A-02		NB01SED027A-03		NB01SED028C-01		NB01SED028C-02		NB01SED028C-03		NB01SED028C-04		NB01SED028C-05		NB01SED028C-06		NB01SED029C-01			
		Date Collected	11/14/2005		11/14/2005		11/14/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/15/2005			
		Depth	0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Herbicides																								
2,4,5-T	93-76-5	ppb-TOC	51000	U	54000	U	82000	U	29000	U	28000	U	30000	U	21000	U	19000	U	24000	U	310			
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	51000	U	54000	U	82000	U	29000	U	28000	U	30000	U	21000	U	19000	U	24000	U	22000	U		
2,4-D	94-75-7	ppb-TOC	120000	U	130000	U	200000	U	68000	U	60000	U	71000	U	50000	U	47000	U	57000	U	53000	U		
2,4-DB	94-82-6	ppb-TOC	93000	U	98000	U	150000	U	55000	U	3500		57000	U	38000	U	35000	U	44000	U	40000	U		

		Location ID	NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED030		NB01SED030		NB01SED031		NB01SED031		NB01SED031	
		Sample Name	NB01SED029C-02		NB01SED029C-03		NB01SED029C-04		NB01SED029C-05		NB01SED029C-06		NB01SED030B-01		NB01SED030B-02		NB01SED031A-01		NB01SED031A-02		NB01SED031A-03	
		Date Collected	11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/14/2005		11/14/2005		11/14/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5		4.5-5.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.8	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	25000	U	25000	U	21000	U	19000	U	19000	U	28000	U	24000	U	23000	U	24000	U	17000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	25000	U	25000	U	21000	U	19000	U	19000	U	28000	U	24000	U	23000	U	24000	U	17000	U
2,4-D	94-75-7	ppb-TOC	60000	U	60000	U	49000	U	45000	U	46000	U	68000	U	58000	U	53000	U	57000	U	40000	U
2,4-DB	94-82-6	ppb-TOC	45000	U	45000	U	38000	U	34000	U	35000	U	52000	U	43000	U	41000	U	43000	U	30000	U

		Location ID	NB01SED032		NB01SED032		NB01SED032		NB01SED032		NB01SED033A		NB01SED033A		NB01SED034A		NB01SED034A		NB01SED034A		NB01SED035A	
		Sample Name	NB01SED032A-01		NB01SED032A-02		NB01SED032A-03		NB01SED032A-04		NB01SED033AD-01		NB01SED033AD-02		NB01SED034AC-01		NB01SED034AC-02		NB01SED034AC-03		NB01SED035AC-01	
		Date Collected	11/13/2005		11/13/2005		11/13/2005		11/13/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	30000	U	35000	U	25000	U	26000	U	33000	U	33000	U	41000	U	32000	U	29000	U	37000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	30000	U	35000	U	25000	U	26000	U	33000	U	33000	U	41000	U	32000	U	29000	U	37000	U
2,4-D	94-75-7	ppb-TOC	73000	U	85000	U	58000	U	63000	U	76000	U	75000	U	100000	U	77000	U	68000	U	90000	U
2,4-DB	94-82-6	ppb-TOC	55000	U	65000	U	3500		46000	U	59000	U	60000	U	73000	U	58000	U	55000	U	67000	U

		Location ID	NB01SED036		NB01SED036		NB01SED036		NB01SED037		NB01SED037		NB01SED037		NB01SED037		NB01SED038		NB01SED038		NB01SED038	
		Sample Name	NB01SED036F-01		NB01SED036F-02		NB01SED036F-03		NB01SED037C-01		NB01SED037C-02		NB01SED037C-03		NB01SED037C-04		NB01SED038A-01		NB01SED038A-02		NB01SED038A-03	
		Date Collected	11/27/2005		11/27/2005		11/27/2005		11/14/2005		11/14/2005		11/14/2005		11/14/2005		11/20/2005		11/20/2005		11/20/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	22000	U	20000	U	23000	U	28000	U	13000	U	20000	U	29000	U	54000	U	54000	U	44000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	22000	U	20000	U	23000	U	28000	U	13000	U	20000	U	29000	U	54000	U	54000	U	44000	U
2,4-D	94-75-7	ppb-TOC	51000	U	48000	U	55000	U	68000	U	31000	U	48000	U	72000	U	130000	U	130000	U	110000	U
2,4-DB	94-82-6	ppb-TOC	38000	U	36000	U	42000	U	51000	U	22000	U	37000	U	54000	U	99000	U	99000	U	81000	U

		Location ID	NB01SED038		NB01SED039		NB01SED039		NB01SED039		NB01SED039		NB01SED040		NB01SED040		NB01SED040		NB01SED040		NB01SED041	
		Sample Name	NB01SED038A-04		NB01SED039A-01		NB01SED039A-02		NB01SED039A-03		NB01SED039A-04		NB01SED040A-01		NB01SED040A-02		NB01SED040A-03		NB01SED040A-04		NB01SED041A-01	
		Date Collected	11/20/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
		Depth	2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	61000	U	200		310		18000	U	22000	U	10000	U	13000	U	12000	U	11000	U	20000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	61000	U	27000	U	27000	U	18000	U	22000	U	10000	U	13000	U	12000	U	11000	U	20000	U
2,4-D	94-75-7	ppb-TOC	140000	U	61000	U	65000	U	43000	U	54000	U	25000	U	30000	U	29000	U	27000	U	49000	U
2,4-DB	94-82-6	ppb-TOC	110000	U	48000	U	49000	U	33000	U	40000	U	19000	U	23000	U	22000	U	20000	U	37000	U

		Location ID	NB01SED041		NB01SED041		NB01SED041		NB01SED042		NB01SED042		NB01SED042		NB01SED043		NB01SED043		NB01SED043		NB01SED044	
		Sample Name	NB01SED041A-02		NB01SED041A-03		NB01SED041A-04		NB01SED042B-01		NB01SED042B-02		NB01SED042B-03		NB01SED043C-01		NB01SED043C-02		NB01SED043C-03		NB01SED044A-01	
		Date Collected	11/15/2005		11/15/2005		11/15/2005		12/5/2005		12/5/2005		12/5/2005		11/20/2005		11/20/2005		11/20/2005		11/27/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	10000	U	6700	U	11000	U	46000	U	55000	U	36000	U	34000	U	26000	U	39000	U	22000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	120		6700	U	11000	U	46000	U	55000	U	36000	U	34000	U	26000	U	39000	U	22000	U
2,4-D	94-75-7	ppb-TOC	26000	U	17000	U	25000	U	110000	U	130000	U	84000	U	81000	U	63000	U	92000	U	53000	U
2,4-DB	94-82-6	ppb-TOC	19000	U	12000	U	930		81000	U	100000	U	63000	U	63000	U	50000	U	71000	U	40000	U

		Location ID	NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045	
		Sample Name	NB01SED044A-02		NB01SED044A-03		NB01SED044A-04		NB01SED044A-05		NB01SED044A-06		NB01SED045B-01		NB01SED045B-02		NB01SED045B-03		NB01SED045B-04		NB01SED045B-05	
		Date Collected	11/27/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	23000	U	18000	U	21000	U	20000	U	21000	U	7600	U	5300	U	12000	U	17000	U	10000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	23000	U	18000	U	21000	U	20000	U	21000	U	7600	U	5300	U	12000	U	17000	U	10000	U
2,4-D	94-75-7	ppb-TOC	55000	U	44000	U	50000	U	48000	U	50000	U	18000	U	13000	U	29000	U	42000	U	24000	U
2,4-DB	94-82-6	ppb-TOC	42000	U	32000	U	40000	U	36000	U	38000	U	14000	U	9700	U	21000	U	32000	U	18000	U

		Location ID	NB01SED045		NB01SED046		NB01SED046		NB01SED046		NB01SED047		NB01SED047		NB01SED047		NB01SED048		NB01SED048		NB01SED049	
		Sample Name	NB01SED045B-06		NB01SED046E-01		NB01SED046E-02		NB01SED046E-03		NB01SED047A-01		NB01SED047A-02		NB01SED047A-03		NB01SED048A-01		NB01SED048A-02		NB01SED049C-01	
		Date Collected	12/6/2005		12/5/2005		12/5/2005		12/5/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005	
		Depth	5.0-6.5		0.0-0.5		0.5-1.5		1.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	13000	U	31000	U	30000	U	39000	U	26000	U	30000	U	37000	U	480		34000	U	21000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	13000	U	31000	U	30000	U	39000	U	26000	U	30000	U	37000	U	33000	U	34000	U	21000	U
2,4-D	94-75-7	ppb-TOC	32000	U	74000	U	71000	U	92000	U	64000	U	71000	U	93000	U	83000	U	83000	U	49000	U
2,4-DB	94-82-6	ppb-TOC	24000	U	58000	U	6700		71000	U	46000	U	54000	U	67000	U	61000	U	61000	U	38000	U

		Location ID	NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED050		NB01SED050		NB01SED050		NB01SED050		NB01SED051	
		Sample Name	NB01SED049C-02		NB01SED049C-03		NB01SED049C-04		NB01SED049C-05		NB01SED049C-06		NB01SED050A-01		NB01SED050A-02		NB01SED050A-03		NB01SED050A-04		NB01SED051D-01	
		Date Collected	11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005		12/5/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	22000	U	18000	U	18000	U	19000	U	18000	U	38000	U	35000	U	42000	U	57000	U	25000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	22000	U	18000	U	18000	U	150		18000	U	38000	U	35000	U	42000	U	57000	U	25000	U
2,4-D	94-75-7	ppb-TOC	53000	U	43000	U	42000	U	46000	U	44000	U	92000	U	81000	U	100000	U	130000	U	59000	U
2,4-DB	94-82-6	ppb-TOC	39000	U	32000	U	32000	U	33000	U	32000	U	70000	U	63000	U	77000	U	100000	U	45000	U

		Location ID	NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052	
		Sample Name	NB01SED051D-02		NB01SED051D-03		NB01SED051D-04		NB01SED051D-05		NB01SED051D-06		NB01SED052B-01		NB01SED052B-02		NB01SED052B-03		NB01SED052B-04		NB01SED052B-05	
		Date Collected	12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-3.5		3.5-6.0		6.0-8.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	18000	U	26000	U	58000	U	65000	U	44000	U	30000	U	25000	U	18000	U	24000	U	19000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	18000	U	26000	U	58000	U	65000	U	44000	U	30000	U	25000	U	18000	U	24000	U	170	
2,4-D	94-75-7	ppb-TOC	43000	U	63000	U	140000	U	160000	U	110000	U	69000	U	62000	U	43000	U	56000	U	47000	U
2,4-DB	94-82-6	ppb-TOC	33000	U	48000	U	100000	U	120000	U	83000	U	54000	U	46000	U	34000	U	44000	U	34000	U

		Location ID	NB01SED052		NB01SED053		NB01SED053		NB01SED053		NB01SED053		NB01SED053		NB01SED053		NB01SED053		NB01SED054		NB01SED054		NB01SED054	
		Sample Name	NB01SED052B-06		NB01SED053B-01		NB01SED053B-02		NB01SED053B-03		NB01SED053B-04		NB01SED053B-05		NB01SED053B-06		NB01SED054A-01		NB01SED054A-02		NB01SED054A-03			
		Date Collected	11/30/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005		11/30/2005		11/30/2005		11/30/2005			
		Depth	8.5-11.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Herbicides																								
2,4,5-T	93-76-5	ppb-TOC	17000	U	28000	U	44000	U	36000	U	31000	U	22000	U	31000	U	57000	U	87000	U	25000	U		
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	300		28000	U	44000	U	36000	U	31000	U	22000	U	31000	U	57000	U	87000	U	25000	U		
2,4-D	94-75-7	ppb-TOC	39000	U	66000	U	110000	U	86000	U	72000	U	52000	U	71000	U	140000	U	210000	U	62000	U		
2,4-DB	94-82-6	ppb-TOC	30000	U	51000	U	80000	U	66000	U	56000	U	40000	U	56000	U	100000	U	160000	U	46000	U		

		Location ID	NB01SED054		NB01SED055		NB01SED055		NB01SED055		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056	
		Sample Name	NB01SED054A-04		NB01SED055D-01		NB01SED055D-02		NB01SED055D-03		NB01SED056B-01		NB01SED056B-02		NB01SED056B-03		NB01SED056B-04		NB01SED056B-05		NB01SED056B-06	
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	36000	U	34000	U	61000	U	50000	U	24000	U	43000	U	30000	U	25000	U	22000	U	11000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	36000	U	34000	U	61000	U	50000	U	24000	U	43000	U	30000	U	25000	U	22000	U	11000	U
2,4-D	94-75-7	ppb-TOC	91000	U	79000	U	140000	U	120000	U	55000	U	100000	U	70000	U	60000	U	52000	U	27000	U
2,4-DB	94-82-6	ppb-TOC	70000	U	63000	U	110000	U	90000	U	43000	U	79000	U	56000	U	43000	U	41000	U	21000	U

		Location ID	NB01SED057		NB01SED057		NB01SED057		NB01SED057		NB01SED058		NB01SED058		NB01SED058		NB01SED058		NB01SED059		NB01SED059	
		Sample Name	NB01SED057B-01		NB01SED057B-02		NB01SED057B-03		NB01SED057B-04		NB01SED058B-01		NB01SED058B-02		NB01SED058B-03		NB01SED058B-04		NB01SED059A-01		NB01SED059A-02	
		Date Collected	12/6/2005		12/6/2005		12/6/2005		12/6/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	8800	U	2900000	U	680000	U	660000	U	20000	U	23000	U	23000	U	29000	U	32000	U	33000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	67		2900000	U	680000	U	660000	U	20000	U	23000	U	23000	U	29000	U	32000	U	33000	U
2,4-D	94-75-7	ppb-TOC	20000	U	7100000	U	1700000	U	1600000	U	46000	U	54000	U	57000	U	70000	U	76000	U	80000	U
2,4-DB	94-82-6	ppb-TOC	15000	U	5400000	U	1300000	U	1200000	U	36000	U	41000	U	43000	U	55000	U	57000	U	61000	U

		Location ID	NB01SED059		NB01SED059		NB01SED060		NB01SED060		NB01SED060		NB01SED060		NB01SED061		NB01SED061		NB01SED062		NB01SED062	
		Sample Name	NB01SED059A-03		NB01SED059A-04		NB01SED060B-01		NB01SED060B-02		NB01SED060B-03		NB01SED060B-04		NB01SED061A-01		NB01SED061A-02		NB01SED062A-01		NB01SED062A-02	
		Date Collected	12/8/2005		12/8/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/28/2005		11/28/2005		11/21/2005		11/21/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	29000	U	30000	U	23000	U	21000	U	24000	U	23000	U	37000	U	52000	U	58000	U	34000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	29000	U	30000	U	23000	U	21000	U	24000	U	23000	U	37000	U	52000	U	58000	U	34000	U
2,4-D	94-75-7	ppb-TOC	74000	U	74000	U	54000	U	52000	U	58000	U	56000	U	89000	U	120000	U	140000	U	81000	U
2,4-DB	94-82-6	ppb-TOC	53000	U	53000	U	42000	U	39000	U	42000	U	41000	U	67000	U	93000	U	100000	U	61000	U

		Location ID	NB01SED062		NB01SED062		NB01SED063		NB01SED063		NB01SED063		NB01SED063		NB01SED064		NB01SED064		NB01SED064		NB01SED065	
		Sample Name	NB01SED062A-03		NB01SED062A-04		NB01SED063C-01		NB01SED063C-02		NB01SED063C-03		NB01SED063C-04		NB01SED064B-01		NB01SED064B-02		NB01SED064B-03		NB01SED065A-01	
		Date Collected	11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005		12/8/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.5		3.5-4.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	18000	U	11000	U	18000	U	41000	U	19000	U	17000	U	16000	U	26000	U	44000	U	26000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	18000	U	11000	U	18000	U	41000	U	19000	U	17000	U	16000	U	26000	U	44000	U	26000	U
2,4-D	94-75-7	ppb-TOC	44000	U	25000	U	46000	U	100000	U	47000	U	41000	U	39000	U	65000	U	100000	U	64000	U
2,4-DB	94-82-6	ppb-TOC	32000	U	19000	U	34000	U	74000	U	37000	U	31000	U	30000	U	47000	U	78000	U	45000	U

		Location ID	NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED066		NB01SED066		NB01SED068		NB01SED068		NB01SED068	
		Sample Name	NB01SED065A-02		NB01SED065A-03		NB01SED065A-04		NB01SED065A-05		NB01SED065A-06		NB01SED066E-01		NB01SED066E-02		NB01SED068B-01		NB01SED068B-02		NB01SED068B-03	
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		10/30/2005		10/30/2005		10/30/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	35000	U	21000	U	23000	U	26000	U	31000	U	58000	U	45000	U	22000	U	24000	U	16000	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	35000	U	21000	U	23000	U	26000	U	31000	U	58000	U	45000	U	22000	U	24000	U	16000	U
2,4-D	94-75-7	ppb-TOC	86000	U	50000	U	57000	U	62000	U	75000	U	140000	U	110000	U	53000	U	57000	U	38000	U
2,4-DB	94-82-6	ppb-TOC	62000	U	38000	U	42000	U	48000	U	56000	U	100000	U	84000	U	42000	U	43000	U	29000	U

		Location ID	NB01SED068		NB01SED068		NB01SED068		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070	
		Sample Name	NB01SED068B-04		NB01SED068B-05		NB01SED068B-06		NB02SED070C-01		NB02SED070C-02		NB02SED070C-03		NB02SED070C-04		NB02SED070C-05		NB02SED070C-05		NB02SED070C-06	
		Date Collected	10/30/2005		10/30/2005		10/30/2005		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007	
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	14000	U	130000	U	160000	U	620	U	480	U	410	U	490	U	410	U			490	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	14000	U	130000	U	160000	U														
2,4-D	94-75-7	ppb-TOC	33000	U	290000	U	370000	U	990		2700		2700		2100				3900		2600	
2,4-DB	94-82-6	ppb-TOC	3600		230000	U	290000	U	6500				17000		5800				9500		9700	

		Location ID	NB02SED070		NB02SED070		NB02SED070		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071	
		Sample Name	NB02SED070C-07		NB02SED070C-08		NB02SED070C-09		NB02SED071D-01		NB02SED071D-02		NB02SED071D-03		NB02SED071D-04		NB02SED071D-05		NB02SED071D-06		NB02SED071D-07	
		Date Collected	12/11/2007		12/11/2007		12/11/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	450	U	450	U	260		1900		990	U	1100		720	U	390		270		320	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC							2200		590		580		720		2000		3200		600	
2,4-D	94-75-7	ppb-TOC	3700		2600		1800				3100		3800		3400		3200		2200	U	3900	
2,4-DB	94-82-6	ppb-TOC																	4700			

		Location ID	NB02SED071		NB02SED071		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED072	
		Sample Name	NB02SED071D-08		NB02SED071D-09		NB02SED072D-01		NB02SED072D-02		NB02SED072D-03		NB02SED072D-04		NB02SED072D-05		NB02SED072D-06		NB02SED072D-07		NB02SED072D-08	
		Date Collected	11/15/2007		11/15/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007	
		Depth	9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	380		1300	U	680		650	U	680	U	690		1100	U	1300	U	1000	U	2600	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	860	U	230		750				450				540	U	660	U	500	U	1300	U
2,4-D	94-75-7	ppb-TOC	4200		5000	U	3000		1900		2700	U	1600	U	4400	U	5300	U	4000	U	11000	U
2,4-DB	94-82-6	ppb-TOC			1400										2100	U	2700	U	2000	U	5200	U

		Location ID	NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073	
		Sample Name	NB02SED073D-01		NB02SED073D-02		NB02SED073D-03		NB02SED073D-04		NB02SED073D-05		NB02SED073D-06		NB02SED073D-07		NB02SED073D-08		NB02SED073D-09		NB02SED073D-15	
		Date Collected	11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		23.5-25.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	410		1000		740	U	660	U	1200	U	780	U	1200	U	1300	U	430	U	2400	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	1200		530				1200		600	U	390	U	610	U	680	U	210	U	1200	U
2,4-D	94-75-7	ppb-TOC	1100		3600	U	1800		1000		4900	U	3100	U	4900	U	5400	U	1700	U	9800	U
2,4-DB	94-82-6	ppb-TOC									2400	U	2000		2400	U	2700	U	830	U	5000	U

		Location ID	NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074	
		Sample Name	NB02SED074C-02		NB02SED074C-03		NB02SED074C-04		NB02SED074C-05		NB02SED074C-06		NB02SED074C-07		NB02SED074C-08		NB02SED074C-09		NB02SED074C-10		NB02SED074C-11	
		Date Collected	11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	890		1800	U	720	U	1600		470	U	1300	U	430	U	1400		420	U	1200	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC									4400								2300		1600	U
2,4-D	94-75-7	ppb-TOC	3100	U	4200		6600		6000				1700		1200		5800		1600	U	4700	
2,4-DB	94-82-6	ppb-TOC													2600				820	U		

		Location ID	NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED075		NB02SED075		NB02SED075		NB02SED075	
		Sample Name	NB02SED074C-12		NB02SED074C-13		NB02SED074C-14		NB02SED074C-15		NB02SED074C-16		NB02SED074C-17		NB02SED075F-01		NB02SED075F-02		NB02SED075F-03		NB02SED075F-04	
		Date Collected	11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007	
		Depth	17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	280	U	650		380	U	940		1000		1200		1500		930		1600		850	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	3200				2200												6200		1400	
2,4-D	94-75-7	ppb-TOC			4900		2700		4100		2900		4800		3100	U	2900		3800		2800	U
2,4-DB	94-82-6	ppb-TOC	580										26000								2300	

Table B-2
TOC-Normalized Herbicides

		Location ID	NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076	
		Sample Name	NB02SED075F-05		NB02SED075F-06		NB02SED075F-07		NB02SED075F-08		NB02SED076D-01		NB02SED076D-02		NB02SED076D-03		NB02SED076D-04		NB02SED076D-05		NB02SED076D-05	
		Date Collected	12/7/2007		12/7/2007		12/7/2007		12/7/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.7		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC			1000		570	U	1100		810		710				970				650	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC					770		3200		2200		1700		3700		3000		3500			
2,4-D	94-75-7	ppb-TOC	3900		4900		2200	U	2800	U	2500		2900		4600		6800				3900	
2,4-DB	94-82-6	ppb-TOC					2100				7700											

		Location ID	NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076	
		Sample Name	NB02SED076D-06		NB02SED076D-07		NB02SED076D-08		NB02SED076D-09		NB02SED076D-10		NB02SED076D-11		NB02SED076D-12		NB02SED076D-13		NB02SED076D-14		NB02SED076D-15	
		Date Collected	10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	530		360		230				840		1100	U	690	U	890	U	1100	U	800	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC			3300		1500		1300		2000		710		350	U	460	U	580	U	410	U
2,4-D	94-75-7	ppb-TOC			4100		2900		1700		2400		4300	U	2800	U	3700	U	4600	U	3300	U
2,4-DB	94-82-6	ppb-TOC	49000						10000				1700		1400	U	1800	U	2300	U	1700	U

		Location ID	NB02SED076		NB02SED076		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077	
		Sample Name	NB02SED076D-16		NB02SED076D-17		NB02SED077C-01		NB02SED077C-02		NB02SED077C-03		NB02SED077C-04		NB02SED077C-05		NB02SED077C-06		NB02SED077C-07		NB02SED077C-08	
		Date Collected	10/30/2007		10/30/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007	
		Depth	25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	850	U	390		1900		1300		560		640		580	U	1100		400	U	1000	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	420	U	1200	U	1100				1400	U	7700		550				1500		500	
2,4-D	94-75-7	ppb-TOC	3300	U	1800		1100		2400		4500		3800		2400		3700		1600	U	1800	
2,4-DB	94-82-6	ppb-TOC	1700	U	4900	U							1400	U								

Table B-2
TOC-Normalized Herbicides

		Location ID	NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078	
		Sample Name	NB02SED077C-09		NB02SED077C-10		NB02SED077C-10		NB02SED077C-11		NB02SED078F-01		NB02SED078H-02		NB02SED078H-03		NB02SED078H-04		NB02SED078H-05		NB02SED078H-06			
		Date Collected	11/15/2007		11/15/2007		11/15/2007		11/15/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007			
		Depth	11.5-13.5		13.5-15.5		13.5-15.5		15.5-17.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		Y		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Herbicides																								
2,4,5-T	93-76-5	ppb-TOC	490	U	240						400		710	U	640	U	510	U	750	U	490	U		
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	540				530		1400		1700		390		350		1600				1300			
2,4-D	94-75-7	ppb-TOC	2000	U			770		4800	U	1300		2800	U	2600	U	2100	U	1300		1100			
2,4-DB	94-82-6	ppb-TOC											1400	U	1300	U	1000	U			11000			

		Location ID	NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078	
		Sample Name	NB02SED078H-07		NB02SED078H-08		NB02SED078H-09		NB02SED078H-10		NB02SED078H-11		NB02SED078H-12		NB02SED078H-13		NB02SED078H-14		NB02SED078H-15		NB02SED078H-16	
		Date Collected	10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC							340												870	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	1400		1200		950		2500		1600		1500		2100				5200			
2,4-D	94-75-7	ppb-TOC	1200		1200		1100		1500	U	1100		1500		2100		1400	U	1200	U	2700	
2,4-DB	94-82-6	ppb-TOC	7300		4800		4100		1600		7400				11000		3200		4200		11000	

Table B-2
TOC-Normalized Herbicides

		Location ID	NB02SED078		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079	
		Sample Name	NB02SED078H-17		NB02SED079C-01		NB02SED079C-02		NB02SED079C-03		NB02SED079C-04		NB02SED079C-05		NB02SED079C-06		NB02SED079C-07		NB02SED079C-08		NB02SED079C-09	
		Date Collected	10/25/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007	
		Depth	27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	710		400		480		620	U	540	U	540	U	560		400		460		240	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC			1300						1900		1700								720	
2,4-D	94-75-7	ppb-TOC	1300	U	630		1700		2100		710		2000		3000		1600		1500	U	940	
2,4-DB	94-82-6	ppb-TOC			5300		3900										7900		9600			

		Location ID	NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080	
		Sample Name	NB02SED079C-10		NB02SED079C-11		NB02SED079C-12		NB02SED079C-13		NB02SED080C-01		NB02SED080C-02		NB02SED080C-03		NB02SED080C-04		NB02SED080C-05		NB02SED080C-06			
		Date Collected	10/31/2007		10/31/2007		10/31/2007		10/31/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007			
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Herbicides																								
2,4,5-T	93-76-5	ppb-TOC	250		160		1000	U	5300	U	1200	U	1500	U	860	U	640	U	890	U	830	U		
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	580		680		510	U	2600	U	2100				1100		2400							
2,4-D	94-75-7	ppb-TOC	750		1700	U	4100	U	21000	U	3300	U	3300	U	3400	U	2200		2800		3600			
2,4-DB	94-82-6	ppb-TOC	4000				2000	U	11000	U	12000		8700											

		Location ID	NB02SED080		NB02SED080		NB02SED080		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082	
		Sample Name	NB02SED080C-07		NB02SED080C-08		NB02SED080C-09		NB02SED082B-01		NB02SED082B-02		NB02SED082B-03		NB02SED082B-04		NB02SED082B-05		NB02SED082B-06		NB02SED082B-07	
		Date Collected	11/27/2007		11/27/2007		11/27/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	610	U	1300	U	870	U			510	U			1000		500	U				
2,4,5-TP (Silvex)	93-72-1	ppb-TOC					930				1500		260		1300				1800		600	
2,4-D	94-75-7	ppb-TOC	3500		3700		3600	U	2400		2000	U			8300		11000		2900			
2,4-DB	94-82-6	ppb-TOC					5000				1600											

Table B-2
TOC-Normalized Herbicides

		Location ID	NB02SED082		NB02SED088		NB02SED088		NB02SED088		NB02SED088		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089	
		Sample Name	NB02SED082B-08		NB02SED088G-01		NB02SED088G-02		NB02SED088G-03		NB02SED088G-04		NB02SED089C-01		NB02SED089C-02		NB02SED089C-03		NB02SED089C-04		NB02SED089C-05	
		Date Collected	11/19/2007		11/13/2007		11/13/2007		11/13/2007		11/13/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007	
		Depth	9.5-12.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	470		4700	U	1000		260		310	U	1100		540	U	480	U	650		920	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	560				130	U	370				1700						1500		1200	
2,4-D	94-75-7	ppb-TOC	3900		7400		9700		2700		1400		2500	U	1400		1800	U	3600		3700	
2,4-DB	94-82-6	ppb-TOC													5200							

		Location ID	NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED090		NB02SED090		NB02SED090	
		Sample Name	NB02SED089C-06		NB02SED089C-07		NB02SED089C-08		NB02SED089C-09		NB02SED089C-10		NB02SED089C-11		NB02SED089C-12		NB02SED090E-01		NB02SED090E-02		NB02SED090E-03	
		Date Collected	11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/29/2007		11/29/2007		11/29/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	630		1600		790		310	U	530		870		830		2400		2100	U	740	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	1100				660				450		590								3200	
2,4-D	94-75-7	ppb-TOC	4100				7700		740		4100		2000		4700		4000	U	4700		3000	U
2,4-DB	94-82-6	ppb-TOC													9100		13000		20000			

		Location ID	NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090	
		Sample Name	NB02SED090E-04		NB02SED090E-05		NB02SED090E-06		NB02SED090E-07		NB02SED090E-08		NB02SED090E-09		NB02SED090E-10		NB02SED090E-11		NB02SED090E-12		NB02SED090E-13	
		Date Collected	11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	910	U	1000	U	690	U	880	U	590	U	550	U	590	U	1100	U	630	U	990	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC					2600						270	U	300	U	570	U	310	U	500	U
2,4-D	94-75-7	ppb-TOC	3300		1900	U	7300		8100		890		2200	U	2400	U	4600	U	2500	U	4000	U
2,4-DB	94-82-6	ppb-TOC			6500		11000		26000		3000		1100	U	1200	U	2300	U	1200	U	2000	U

Table B-2
TOC-Normalized Herbicides

		Location ID	NB02SED090		NB02SED090		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091	
		Sample Name	NB02SED090E-14		NB02SED090E-15		NB02SED091C-01		NB02SED091C-02		NB02SED091C-03		NB02SED091C-04		NB02SED091C-05		NB02SED091C-05		NB02SED091C-06		NB02SED091C-07			
		Date Collected	11/29/2007		11/29/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007			
		Depth	21.5-23.5		23.5-25.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		3.5-5.5		5.5-7.5		7.5-9.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Herbicides																								
2,4,5-T	93-76-5	ppb-TOC	1300	U	1700	U	820	U	1400		2000								410	U	460	U		
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	620	U	860	U	3400						1800				1200		610					
2,4-D	94-75-7	ppb-TOC	5000	U	6900	U	2300		5500		2800		2500	U	610				2200		1400			
2,4-DB	94-82-6	ppb-TOC	2500	U	3400	U																		

		Location ID	NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED092		NB02SED092	
		Sample Name	NB02SED091C-08		NB02SED091C-09		NB02SED091C-10		NB02SED091C-11		NB02SED091C-12		NB02SED091C-13		NB02SED091C-14		NB02SED091C-16		NB02SED092C-01		NB02SED092C-02	
		Date Collected	11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/8/2007		11/8/2007	
		Depth	9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		25.5-27.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	380	U			390	U	450	U	330		1000	U	1900							
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	1000		1000		1700		1000		830		520		2200							
2,4-D	94-75-7	ppb-TOC	1100		1500	U	790		1100		2600	U	700		5300	U	3400				2500	U
2,4-DB	94-82-6	ppb-TOC									4000								6500		2200	

Table B-2
TOC-Normalized Herbicides

		Location ID	NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092	
		Sample Name	NB02SED092C-03		NB02SED092C-04		NB02SED092C-05		NB02SED092C-05		NB02SED092C-06		NB02SED092C-07		NB02SED092C-08		NB02SED092C-09		NB02SED092C-10		NB02SED092C-11	
		Date Collected	11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	720	U	2600				940		460	U	1200		510		1100	U	1100		830	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	2600				4300				850						630		1100			
2,4-D	94-75-7	ppb-TOC	1100						10000		3200		2600	U	1400	U	4200		5900		4700	
2,4-DB	94-82-6	ppb-TOC	1900												6800							

		Location ID	NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED093		NB02SED093		NB02SED093		NB02SED093	
		Sample Name	NB02SED092C-12		NB02SED092C-13		NB02SED092C-14		NB02SED092C-15		NB02SED092C-16		NB02SED092C-17		NB02SED093C-01		NB02SED093C-02		NB02SED093C-03		NB02SED093C-04	
		Date Collected	11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007	
		Depth	17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	760		350	U	1100		670		1100		1700		670		280		360	U	280	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC			1000		640		1300		710				950				2400			
2,4-D	94-75-7	ppb-TOC	4000		2200		1400	U	4000				7000		2600	U	1900	U	1500	U	2000	
2,4-DB	94-82-6	ppb-TOC	7100												3300							

Table B-2
TOC-Normalized Herbicides

		Location ID	NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED094		NB02SED094	
		Sample Name	NB02SED093C-05		NB02SED093C-06		NB02SED093C-07		NB02SED093C-08		NB02SED093C-09		NB02SED093C-10		NB02SED093C-11		NB02SED093C-12		NB02SED094D-02		NB02SED094D-03	
		Date Collected	12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		11/2/2007		11/2/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	630		310		270		900		610		400		190		4500	U	610		810	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC			1500								2000				2300	U	2600		3500	
2,4-D	94-75-7	ppb-TOC	2500		980		1800		1800	U	1800		1800	U	3900	U	19000	U	1800		1600	
2,4-DB	94-82-6	ppb-TOC											3100		1900	U	9400	U				

Table B-2
TOC-Normalized Herbicides

		Location ID	NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094	
		Sample Name	NB02SED094D-04		NB02SED094D-05		NB02SED094D-06		NB02SED094D-07		NB02SED094D-08		NB02SED094D-09		NB02SED094D-10		NB02SED094D-11		NB02SED094D-12		NB02SED094D-13	
		Date Collected	11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																						
2,4,5-T	93-76-5	ppb-TOC	800	U	730	U	1600		690	U	670		640		630	U	640	U	730		770	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC					490		1900		1000		980		1400		2000		2400		1800	
2,4-D	94-75-7	ppb-TOC	1200		1700		1300		1100		2600	U	2400	U	2500	U	2600	U	3000	U	3000	U
2,4-DB	94-82-6	ppb-TOC															4400		5600		5100	

Table B-2
TOC-Normalized Herbicides

		Location ID	NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED097		NB02SED097		NB02SED097		NB02SED097		NB02SED097	
		Sample Name	NB02SED094D-14		NB02SED094D-15		NB02SED094D-16		NB02SED094D-17		NB02SED097H-01		NB02SED097H-02		NB02SED097H-03		NB02SED097H-04		NB02SED097H-05	
		Date Collected	11/2/2007		11/2/2007		11/2/2007		11/2/2007		12/6/2007		12/6/2007		12/6/2007		12/6/2007		12/6/2007	
		Depth	21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																				
2,4,5-T	93-76-5	ppb-TOC	660	U	520	U	500	U	230		1100		4900	U	1400		1600			
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	1500		1700				330						3800		4500		1900	
2,4-D	94-75-7	ppb-TOC	960		2100	U	600		2000	U	2900		9300		2100	U	1700		1100	
2,4-DB	94-82-6	ppb-TOC			9100		3000		1000						6400					

Table B-2
TOC-Normalized Herbicides

		Location ID	NB02SED097		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098	
		Sample Name	NB02SED097H-06		NB02SED098E-01		NB02SED098E-02		NB02SED098E-03		NB02SED098E-04		NB02SED098E-05		NB02SED098E-05		NB02SED098E-06		NB02SED098E-07	
		Date Collected	12/6/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007	
		Depth	5.5-7.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																				
2,4,5-T	93-76-5	ppb-TOC	800		2200		840	U	840	U	660	U			810	U	710	U	650	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	450				2500												2100	
2,4-D	94-75-7	ppb-TOC	4000	U	4100	U	3300	U	3300		2600	U			2500	U	3800		2500	U
2,4-DB	94-82-6	ppb-TOC	2000	U	7100		2000						8900				28000		8100	

		Location ID	NB02SED098		NB02SED098		NB02SED100		NB02SED101		NB02SED102		NB02SED104		NB02SED105		NB02SED106		NB02SED107	
		Sample Name	NB02SED098E-08		NB02SED098E-09		NB02SED100B-01		NB02SED101A-01		NB02SED102A-01		NB02SED104C-01		NB02SED105A-01		NB02SED106B-01		NB02SED107B-01	
		Date Collected	12/12/2007		12/12/2007		12/7/2007		11/2/2007		10/30/2007		11/16/2007		11/1/2007		11/15/2007		11/6/2007	
		Depth	9.5-11.5		11.5-13.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																				
2,4,5-T	93-76-5	ppb-TOC	1100	U	1600	U	980		760		880		370		1100	U	970	U	920	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC					2200		760		690		1100		140		1900		3100	
2,4-D	94-75-7	ppb-TOC	4200	U	6500	U	7700	U	3300	U	630		3800	U	4300	U	4000	U	7000	
2,4-DB	94-82-6	ppb-TOC			4100		6600				2600				2200	U	2000	U		

Table B-2
TOC-Normalized Herbicides

		Location ID	NB02SED108		NB02SED109		NB02SED110		NB02SED111		NB02SED112		NB02SED113		NB02SED114		NB02SED115		NB02SED116	
		Sample Name	NB02SED108A-01		NB02SED109B-01		NB02SED110D-01		NB02SED111F-01		NB02SED112A-01		NB02SED113B-01		NB02SED114C-01		NB02SED115E-01		NB02SED116A-01	
		Date Collected	10/31/2007		11/29/2007		12/11/2007		12/10/2007		11/7/2007		12/10/2007		12/11/2007		12/10/2007		11/9/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																				
2,4,5-T	93-76-5	ppb-TOC	290		820	U	350		910	U	1100	U	990	U	620		320		720	U
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	530		500				170				490	U			2100		2900	
2,4-D	94-75-7	ppb-TOC	3900	U	3300	U	2300		3700	U	1800		4000	U	3100		1400		2300	U
2,4-DB	94-82-6	ppb-TOC	1400		1600	U	8900		1800	U	4000		2000	U						

Table B-2
TOC-Normalized Herbicides

		Location ID	NB02SED118		NB02SED119		NB02SED120		NB02SED121		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086	
		Sample Name	NB02SED118B-01		NB02SED119A-01		NB02SED120B-01		NB02SED121H-01		PC02SED086E-01		PC02SED086E-02		PC02SED086E-03		PC02SED086E-04		PC02SED086E-05	
		Date Collected	11/14/2007		11/9/2007		12/12/2007		12/12/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides																				
2,4,5-T	93-76-5	ppb-TOC	970		10000		660	U	670	U	570	U	580		420	U	550	U	1800	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC									550		800				2000			
2,4-D	94-75-7	ppb-TOC	4200		9900		2600	U	1800		1800		2600		2100		1300		7300	
2,4-DB	94-82-6	ppb-TOC					2200		8800								7600			

		Location ID	PC02SED086		PC02SED086		PC02SED086		PR0001SDM		PR0013SDM		PR00SD13	
		Sample Name	PC02SED086E-06		PC02SED086E-07		PC02SED086E-08		PR0001SDM		PR0013SDM		PR00SD13	
		Date Collected	11/28/2007		11/28/2007		11/28/2007		5/23/2000		5/23/2000		8/1/2000	
		Depth	5.5-7.5		7.5-9.5		9.5-10.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Herbicides														
2,4,5-T	93-76-5	ppb-TOC	360	U	1300		610	U					3000	
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	470				690				67		11000	U
2,4-D	94-75-7	ppb-TOC	570		5800		3200						39000	U
2,4-DB	94-82-6	ppb-TOC	710	U					630		800		39000	U

			Location ID		12A-0401-C1		12A-0401-C2		12A-0401-C2		12A-0402-C3		12A-0402-C4		12A-0402-C4		12A-0403-C1		12A-0403-C1		12A-0403-C3		12A-0404-C3	
			Sample Name		12A-0401-C1AS		12A-0401-C2BS		12A-0401-C2CS		12A-0402-C3AS		12A-0402-C4BS		12A-0402-C4CS		12A-0403-C1BS		12A-0403-C1CS		12A-0403-C3AS		12A-0404-C3AS	
			Date Collected		2/9/2012		2/9/2012		2/9/2012		2/8/2012		2/8/2012		2/8/2012		2/7/2012		2/7/2012		2/7/2012		2/1/2012	
			Depth		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.0-0.5		0.0-0.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																								
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	46.5		18.8		4.3		185		88.8		58.9		105		34.8		108		61.1			
Arsenic	7440-38-2	ppm-Al	838		740		519		1360		873		763		3760		1700		1820		839			
Barium	7440-39-3	ppm-Al	7490		2740		2210		13900		12300		10300		6910		3690		9440		7460			
Beryllium	7440-41-7	ppm-Al	48.7		46.5		48.5		81		56.5		53.8		50.9		43.5		49.6		49.2			
Cadmium	7440-43-9	ppm-Al	221		23.6		8.8		551		326		308		126		19.3		365		258			
Calcium	7440-70-2	ppm-Al	361000		287000		182000		1100000		697000		518000		168000		164000		360000		412000			
Chromium	7440-47-3	ppm-Al	9600		2750		2030		11800		11300		9130		14800		5800		19100		10600			
Cobalt	7440-48-4	ppm-Al	846		863		833		1210		870		944		717		816		888		791			
Copper	7440-50-8	ppm-Al	11600		2540		1080		17500		17000		14800		20600		6650		18400		13400			
Iron	7439-89-6	ppm-Al	2370000		2260000		2300000		4080000		3040000		2520000		2260000		2280000		2430000		2440000			
Lead	7439-92-1	ppm-Al	13800		4830		536		23800		23700		19500		21500		9250		20000		16100			
Magnesium	7439-95-4	ppm-Al	602000		492000		516000		979000		777000		598000		460000		473000		542000		589000			
Manganese	7439-96-5	ppm-Al	26100		45100		51800		66700		58400		56400		27600		38600		22700		23000			
Mercury	7439-97-6	ppm-Al			28.1		2.5				447		163		796		454							
Nickel	7440-02-0	ppm-Al	2890		1900		1810		4280		3140		3350		2560		1920		3580		2750			
Potassium	7440-09-7	ppm-Al	171000		177000		185000		248000		195000		133000		175000		177000		165000		169000			
Selenium	7782-49-2	ppm-Al	136		99		96.6		392		238		183		158		108		160		158			
Silver	7440-22-4	ppm-Al	183		22.6		9.7		242		204		188		141		30.9		367		233			
Sodium	7440-23-5	ppm-Al	557000		363000		335000		3240000		1830000		606000		408000		352000		433000		503000			
Thallium	7440-28-0	ppm-Al	15.3		9.2		7.9		45.2		17.6		15.2		14.9		8.8		20.8		16.7			
Titanium	7440-32-6	ppm-Al	35200		25200		27300		46200		43500		34300		25700		25800		36000		37900			
Vanadium	7440-62-2	ppm-Al	2670		2490		2310		4100		3770		3010		2430		2250		3220		2290			
Zinc	7440-66-6	ppm-Al	31000		6920		5100		73800		67100		47700		26500		11600		40100		38600			

		Location ID	12A-0404-C3		12A-0404-C3		12A-0405-C2		12A-0405-C2		12A-0405-C3		12A-0406-C2		12A-0406-C2		12A-0406-C3		12A-0407-C2		12A-0407-C3	
		Sample Name	12A-0404-C3BS		12A-0404-C3CS		12A-0405-C2BS		12A-0405-C2CS		12A-0405-C3AS		12A-0406-C2BS		12A-0406-C2CS		12A-0406-C3AS		12A-0407-C2AS		12A-0407-C3BS	
		Date Collected	2/1/2012		2/1/2012		2/1/2012		2/1/2012		2/1/2012		1/28/2012		1/28/2012		1/28/2012		1/26/2012		1/26/2012	
		Depth	0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	101		44		66.3		53		201		42		46.8		88.3		60.2		51.4	
Arsenic	7440-38-2	ppm-Al	2820		3070		647		607		1400		677		764		915		696		777	
Barium	7440-39-3	ppm-Al	11300		3750		11300		10400		11500		15300		16700		18700		9920		8560	
Beryllium	7440-41-7	ppm-Al	51		46		46		51.1		68.9		45		52.7		53.3		51		55.2	
Cadmium	7440-43-9	ppm-Al	490		38.7		230		266		523		511		730		348		243		246	
Calcium	7440-70-2	ppm-Al	261000		156000		461000		396000		962000		440000		414000		571000		504000		414000	
Chromium	7440-47-3	ppm-Al	38800		6600		8470		8980		10700		14400		21800		9780		9000		8810	
Cobalt	7440-48-4	ppm-Al	809		784		720		650		1090		949		1050		935		716		780	
Copper	7440-50-8	ppm-Al	26300		9700		13500		13400		14700		18500		23100		17000		13300		12500	
Iron	7439-89-6	ppm-Al	2350000		2280000		2410000		2270000		3200000		2040000		1870000		2580000		2510000		2400000	
Lead	7439-92-1	ppm-Al	25500		12700		17500		17300		33200		32500		40500		29400		18000		16400	
Magnesium	7439-95-4	ppm-Al	484000		476000		545000		510000		842000		474000		411000		589000		573000		562000	
Manganese	7439-96-5	ppm-Al	24300		29600		53500		48300		64000		41300		37400		53200		43400		31500	
Mercury	7439-97-6	ppm-Al					142		148				301		556						177	
Nickel	7440-02-0	ppm-Al	3320		2340		2340		2420		4440		4180		5660		3100		2620		2690	
Potassium	7440-09-7	ppm-Al	174000		177000		137000		133000		231000		117000		99300		146000		141000		147000	
Selenium	7782-49-2	ppm-Al	382		134		182		159		375		153		169		193		117		119	
Silver	7440-22-4	ppm-Al	369		52.1		182		232		176		439		528		195		221		218	
Sodium	7440-23-5	ppm-Al	415000		378000		653000		596000		2430000		431000		404000		612000		538000		451000	
Thallium	7440-28-0	ppm-Al	22.1		11.1		12.4		12.3		28.2		16.3		20.7		19.6		14.6		16.9	
Titanium	7440-32-6	ppm-Al	28600		25600		33400		29500		42300		27400		26100		34800		37800		34500	
Vanadium	7440-62-2	ppm-Al	1050		2000		2200		1870		4370		1410		1320		2320		2980		2900	
Zinc	7440-66-6	ppm-Al	47000		16600		42900		40300		53800		59600		72300		50100		44400		38700	

Table B-3
Aluminum-Normalized Inorganics

			Location ID		12A-0407-C3		12A-0408-C1		12A-0408-C3		12A-0408-C3		12A-0409-C7		12A-0409-C7		12A-0409-C8		12A-0410-C2		12A-0410-C2		12A-0410-C3	
			Sample Name		12A-0407-C3CS		12A-0408-C1AS		12A-0408-C3BS		12A-0408-C3CS		12A-0409-C7BS		12A-0409-C7CS		12A-0409-C8AS		12A-0410-C2BS		12A-0410-C2CS		12A-0410-C3AS	
			Date Collected		1/26/2012		2/3/2012		2/3/2012		2/3/2012		2/6/2012		2/6/2012		2/6/2012		2/6/2012		2/6/2012		2/6/2012	
			Depth		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																								
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	65.6		136		81.2		106		69.2		117		88.9		146		107		80.4			
Arsenic	7440-38-2	ppm-Al	2860		1100		2210		3140		849		1050		906		2100		2800		790			
Barium	7440-39-3	ppm-Al	7630		14800		14200		15600		11700		13600		12200		14500		13000		9020			
Beryllium	7440-41-7	ppm-Al	53.4		74.9		58.6		57.4		54.3		51.3		50.2		59.2		49.8		55			
Cadmium	7440-43-9	ppm-Al	66.4		2940		918		1090		312		582		326		705		817		318			
Calcium	7440-70-2	ppm-Al	213000		674000		464000		546000		533000		680000		534000		1360000		600000		825000			
Chromium	7440-47-3	ppm-Al	13300		18700		40900		53100		9770		11300		9960		40400		48100		10800			
Cobalt	7440-48-4	ppm-Al	748		1130		906		892		770		804		835		1280		794		1100			
Copper	7440-50-8	ppm-Al	17300		23600		26200		28300		15800		17400		15100		32100		25000		17400			
Iron	7439-89-6	ppm-Al	2390000		2320000		1950000		2170000		2790000		3180000		2820000		2540000		2160000		2900000			
Lead	7439-92-1	ppm-Al	21900		48800		33200		28500		21800		28200		21100		84900		24100		30800			
Magnesium	7439-95-4	ppm-Al	459000		545000		458000		499000		607000		652000		615000		515000		507000		541000			
Manganese	7439-96-5	ppm-Al	31800		35000		25500		26800		57300		62900		52500		30800		27400		35000			
Mercury	7439-97-6	ppm-Al	721				676		898		193		178				590		772					
Nickel	7440-02-0	ppm-Al	2340		4610		4650		4330		2760		2900		2690		6450		3880		4090			
Potassium	7440-09-7	ppm-Al	152000		143000		138000		157000		146000		157000		154000		150000		159000		162000			
Selenium	7782-49-2	ppm-Al	96.3		200		218		193		168		197		186		185		167		119			
Silver	7440-22-4	ppm-Al	184		442		491		523		206		216		192		503		436		325			
Sodium	7440-23-5	ppm-Al	329000		666000		541000		568000		577000		683000		739000		540000		465000		516000			
Thallium	7440-28-0	ppm-Al	14.6		27.2		29.4		27.8		17.3		18.8		18.6		24.9		24.2		16.7			
Titanium	7440-32-6	ppm-Al	24500		36100		28600		27800		38700		42900		40300		31300		26000		29700			
Vanadium	7440-62-2	ppm-Al	2560		3770		4450		4800		2410		2560		2550		4110		4530		2680			
Zinc	7440-66-6	ppm-Al	27000		67500		67600		63600		54000		67400		57900		71900		57800		42700			

		Location ID	2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001	
		Sample Name	08A-001-C1_(11.5-13.5)_N		08A-001-C1_(13.5-15.5)_N		08A-001-C1_(15.5-17.5)_N		08A-001-C1_(5.5-7.5)_N		08A-001-C1_(7.5-9.5)_N		08A-001-C1_(9.5-11.5)_N		08A-001-C2_(0.5-1.5)_N		08A-001-C2_(0-0.5)_N		08A-001-C2_(1.5-2.5)_N		08A-001-C2_(2.5-3.5)_N	
		Date Collected	11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	44		37.7		52.7		34.5		32.9		36.6		35.4		27.5		33.1		37.9	
Arsenic	7440-38-2	ppm-Al	1100		1080		1050		986		944		1260		917		817		1040		957	
Barium	7440-39-3	ppm-Al	8660		9000		10000		7220		7200		8360		6610		6400		7460		7210	
Beryllium	7440-41-7	ppm-Al	56.8		60.2		59.6		57.8		57.1		68.4		61		56.8		56.8		54.1	
Cadmium	7440-43-9	ppm-Al	207		258		279		139		162		222		120		100		154		161	
Calcium	7440-70-2	ppm-Al	505000		610000		761000		429000		408000		540000		444000		461000		435000		464000	
Chromium	7440-47-3	ppm-Al	12500		14300		14000		11200		11200		15900		10100		8800		13000		10900	
Cobalt	7440-48-4	ppm-Al	866		900		899		852		832		1010		896		838		852		857	
Copper	7440-50-8	ppm-Al	12200		13000		12900		9790		10400		14300		9860		8520		10700		10700	
Iron	7439-89-6	ppm-Al	2420000		2440000		2290000		2380000		2360000		2430000		2440000		2380000		2390000		2360000	
Lead	7439-92-1	ppm-Al	14200		14200		13600		11400		12000		15600		11500		10000		12300		12700	
Magnesium	7439-95-4	ppm-Al	641000		675000		629000		596000		585000		651000		690000		669000		661000		652000	
Manganese	7439-96-5	ppm-Al	41800		42500		38600		45800		42800		37100		39600		34900		43200		48000	
Mercury	7439-97-6	ppm-Al	231		255		329		187		188		245									
Nickel	7440-02-0	ppm-Al	3150		3470		2770		2550		2590		3410		3430		2390		3020		3490	
Potassium	7440-09-7	ppm-Al	191000		196000		194000		188000		187000		203000		203000		209000		194000		187000	
Selenium	7782-49-2	ppm-Al	104		84.6		69.8		81.1		76.9		89.6		69.4		70.4		91.5		78.6	
Silver	7440-22-4	ppm-Al	294		309		310		238		239		272		190		133		223		258	
Sodium	7440-23-5	ppm-Al	522000		488000		363000		524000		503000		519000		771000		866000		627000		594000	
Thallium	7440-28-0	ppm-Al	18.4		19.5		19.6		15.8		16.2		21.4		15.9		15.1		16.5		16.3	
Titanium	7440-32-6	ppm-Al	24800		24300		25000		22800		22300		25100		23900		24200		23900		24800	
Vanadium	7440-62-2	ppm-Al	3060		2950		2840		2780		2730		3300		2780		2580		2650		2750	
Zinc	7440-66-6	ppm-Al	21400		22500		21100		17300		19000		19300		18100		17400		18900		20300	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	2008 CLRC-001		2008 CLRC-002		2008 CLRC-002		2008 CLRC-002		2008 CLRC-002		2008 CLRC-002		2008 CLRC-002		2008 CLRC-002		2008 CLRC-003		2008 CLRC-003	
		Sample Name	08A-001-C2_(3.5-5.5)_N		08A-002-C1_(0.5-1.5)_N		08A-002-C1_(2.5-3.5)_N		08A-002-C1_(3.5-5.5)_N		08A-002-C1_(5.5-6.75)_N		08A-002-C1_(6.75-8)_N		08A-002-C2_(0-0.5)_N		08A-002-C2_(1.5-2.5)_N		08A-003-C1_(0.5-1.5)_N		08A-003-C1_(1.5-2.5)_N	
		Date Collected	11/20/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008	
		Depth	3.5-5.5		0.5-1.5		2.5-3.5		3.5-5.5		5.5-6.8		6.8-8.0		0.0-0.5		1.5-2.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	36.6		142		12.2	U	9.3		14.4		22.4		109		175		109		222	
Arsenic	7440-38-2	ppm-Al	986		4240		407		112		346		415		5380		2960		1440		4220	
Barium	7440-39-3	ppm-Al	7180		8700		2910		2450		3170		5240		8640		6450		14400		17000	
Beryllium	7440-41-7	ppm-Al	57.6		46.6		40.3		60.2		74.4		65.2		51.9		46.4		52.8		55	
Cadmium	7440-43-9	ppm-Al	154		72.7		5.7		4.1		6.6		8		99		46.8		172		152	
Calcium	7440-70-2	ppm-Al	451000		186000		89000		96800		183000		223000		391000		437000		394000		327000	
Chromium	7440-47-3	ppm-Al	11900		13800		1830		2300		3050		2220		15100		7360		16900		23100	
Cobalt	7440-48-4	ppm-Al	831		695		678		656		1010		965		788		785		741		795	
Copper	7440-50-8	ppm-Al	10500		21600		1390		1250		1690		1510		18800		11800		11400		21700	
Iron	7439-89-6	ppm-Al	2410000		1920000		1800000		1900000		2320000		2350000		2140000		1980000		1960000		2210000	
Lead	7439-92-1	ppm-Al	12100		23300		1350		613		963		1000		21100		15800		14900		28800	
Magnesium	7439-95-4	ppm-Al	606000		397000		363000		398000		527000		498000		450000		387000		495000		485000	
Manganese	7439-96-5	ppm-Al	46500		19400		17800		17900		23400		30900		21900		20000		28700		26100	
Mercury	7439-97-6	ppm-Al			564		18.6		0.73		1.1		0.99						234		463	
Nickel	7440-02-0	ppm-Al	2560		2500		1470		1620		2300		1910		3560		2290		2280		3270	
Potassium	7440-09-7	ppm-Al	195000		160000		180000		149000		169000		239000		196000		175000		194000		191000	
Selenium	7782-49-2	ppm-Al	84.5		97.4		244	U	223	U	317	U	383	U	115		135	U	120		197	
Silver	7440-22-4	ppm-Al	237		112		4.9	U	4.3	U	6.6	U	7.4	U	117		62.9		136		156	
Sodium	7440-23-5	ppm-Al	614000		522000		279000		225000		286000		342000		640000		391000		458000		504000	
Thallium	7440-28-0	ppm-Al	15.8		19.2		7.5		7.3		9.2		9.6		28.4		15.6		19.6		39.6	
Titanium	7440-32-6	ppm-Al	24400		24600		51900		51900		65100		64500		32100		36100		27000		27100	
Vanadium	7440-62-2	ppm-Al	2700		2290		2220		3700		5190		4150		2340		2210		2500		2720	
Zinc	7440-66-6	ppm-Al	20100		27900		4930		4460		5450		5300		27100		20300		25300		39000	

			Location ID		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004	
			Sample Name		08A-003-C1_(10.75-12)_N		08A-003-C1_(3.5-5.5)_N		08A-003-C1_(5.5-7.5)_N		08A-003-C1_(7.5-9.5)_N		08A-003-C1_(9.5-10.75)_N		08A-003-C2_(0-0.5)_N		08A-003-C2_(2.5-3.5)_N		08A-004-C1_(1.5-2.5)_N		08A-004-C1_(11.5-13.5)_N		08A-004-C1_(13.5-15.5)_N	
			Date Collected		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/25/2008		11/25/2008		11/25/2008	
			Depth		10.8-12.0		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.8		0.0-0.5		2.5-3.5		1.5-2.5		11.5-13.5		13.5-15.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																								
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	15.1	U	80.5		11		8.9	U	11.3	U	37.4		122		34.8		45.6		39.6			
Arsenic	7440-38-2	ppm-Al	126		2830		826		337		93.8		817		5000		841		1340		1260			
Barium	7440-39-3	ppm-Al	1610		5180		2950		2040		1890		8410		11600		7050		13000		12300			
Beryllium	7440-41-7	ppm-Al	50.9		47.7		50.6		35		33.2		49.2		50.4		55		60		55.6			
Cadmium	7440-43-9	ppm-Al	4.5		30.9		9.9		5.5		4.5		159		113		117		365		377			
Calcium	7440-70-2	ppm-Al	118000		268000		143000		81500		46500		410000		262000		611000		763000		527000			
Chromium	7440-47-3	ppm-Al	1790		6950		2020		1570		1640		11300		20600		9060		17000		17300			
Cobalt	7440-48-4	ppm-Al	1010		718		870		561		619		737		837		804		888		806			
Copper	7440-50-8	ppm-Al	1410		10300		1260		771		1040		9650		20600		8990		16300		17300			
Iron	7439-89-6	ppm-Al	1460000		1940000		2290000		1640000		1320000		2060000		2230000		2460000		2700000		2550000			
Lead	7439-92-1	ppm-Al	594		14900		2130		652		542		11300		22000		9570		17000		18500			
Magnesium	7439-95-4	ppm-Al	406000		399000		435000		330000		323000		551000		479000		674000		651000		573000			
Manganese	7439-96-5	ppm-Al	15700		25100		42400		27000		15000		25200		29900		39500		43400		39300			
Mercury	7439-97-6	ppm-Al	0.4		426		11.9		2		1.1						178		386		418			
Nickel	7440-02-0	ppm-Al	2060		2230		1680		1250		1510		2510		3550		2510		3240		2960			
Potassium	7440-09-7	ppm-Al	135000		177000		207000		154000		152000		187000		171000		205000		215000		196000			
Selenium	7782-49-2	ppm-Al	302	U	60.2		202	U	178	U	206	U	87		163		65.2		104		93.5			
Silver	7440-22-4	ppm-Al	6.1	U	59.9		4.2	U	3.7	U	4.3	U	175		137		208		421		490			
Sodium	7440-23-5	ppm-Al	223000		359000		306000		199000		131000		667000		456000		704000		523000		511000			
Thallium	7440-28-0	ppm-Al	6.3		13.2		10.1		7.1		6.8		15.8		42.1		14.7		23.8		23.5			
Titanium	7440-32-6	ppm-Al	64200		25300		37200		44800		48000		32100		26300		28600		34000		30800			
Vanadium	7440-62-2	ppm-Al	2240		2230		2390		1940		1950		2380		2640		2460		3020		3020			
Zinc	7440-66-6	ppm-Al	4180		16200		5210		3300		3410		21300		29500		18000		29200		29900			

		Location ID	2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004	
		Sample Name	08A-004-C1_(15.5-17.5)_N		08A-004-C1_(15.5-17.5)_N		08A-004-C1_(17.5-19.1)_N		08A-004-C1_(3.5-5.5)_N		08A-004-C1_(5.5-7.5)_N		08A-004-C1_(7.5-9.5)_N		08A-004-C1_(9.5-11.5)_N		08A-004-C2_(0.5-1.5)_N		08A-004-C2_(0-0.5)_N		08A-004-C2_(2.5-3.5)_N	
		Date Collected	11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008	
		Depth	15.5-17.5		15.5-17.5		17.5-19.1		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al			1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al			46.8		89		34.2		42		34.5		36.8		36.4		38.8		36.4	
Arsenic	7440-38-2	ppm-Al			1330		1780		886		1030		804		888		821		1020		927	
Barium	7440-39-3	ppm-Al			14000		19300		7340		8450		7770		8880		6690		6450		8480	
Beryllium	7440-41-7	ppm-Al			55.9		46.1		49.1		57		51.1		51		52.1		62.8		50.5	
Cadmium	7440-43-9	ppm-Al			604		890		149		212		203		274		117		128		196	
Calcium	7440-70-2	ppm-Al			535000		592000		444000		502000		703000		763000		428000		417000		685000	
Chromium	7440-47-3	ppm-Al			23800		46400		10600		13500		10100		11600		8870		10100		12400	
Cobalt	7440-48-4	ppm-Al			875		774		766		848		784		770		755		917		776	
Copper	7440-50-8	ppm-Al			22300		23200		9680		12200		9590		11100		8610		9920		11300	
Iron	7439-89-6	ppm-Al			2530000		2490000		2290000		2330000		2270000		2240000		2400000		2420000		2340000	
Lead	7439-92-1	ppm-Al			25100		36100		9940		11700		9190		10600		9340		8680		11200	
Magnesium	7439-95-4	ppm-Al			572000		549000		625000		606000		616000		607000		628000		636000		612000	
Manganese	7439-96-5	ppm-Al			34700		31900		42100		36100		38600		37100		41100		36400		36400	
Mercury	7439-97-6	ppm-Al	763				1170		189		216		232		376							
Nickel	7440-02-0	ppm-Al			3910		4100		2840		2750		2250		2330		2170		2610		2500	
Potassium	7440-09-7	ppm-Al			191000		174000		192000		196000		201000		205000		198000		195000		195000	
Selenium	7782-49-2	ppm-Al			104		110		69.6		84.9		60.8		59.2		79.5		82.6		66.7	
Silver	7440-22-4	ppm-Al			471		592		251		292		252		307		170		158		299	
Sodium	7440-23-5	ppm-Al			503000		503000		524000		498000		378000		362000		695000		749000		497000	
Thallium	7440-28-0	ppm-Al			24		22.2		14.4		18.1		15.9		18.1		13.6		16.7		16.1	
Titanium	7440-32-6	ppm-Al			32200		29900		27000		28300		28900		29600		27800		27700		27200	
Vanadium	7440-62-2	ppm-Al			3250		3290		2370		2680		2320		2390		2290		2750		2480	
Zinc	7440-66-6	ppm-Al			44500		71900		17500		19700		16800		19700		17800		17500		19600	

			Location ID		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-006		2008 CLRC-006	
			Sample Name		08A-005-C1_(1.5-2.5)_N		08A-005-C1_(3.5-5.5)_N		08A-005-C1_(5.5-7.5)_N		08A-005-C1_(7.5-9.5)_N		08A-005-C1_(9.5-11.5)_N		08A-005-C2_(0.5-1.5)_N		08A-005-C2_(0-0.5)_N		08A-005-C2_(2.5-3.5)_N		08A-006-C1_(11.5-13.5)_N		08A-006-C1_(13.5-15.5)_N	
			Date Collected		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/18/2008		11/18/2008	
			Depth		1.5-2.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		2.5-3.5		11.5-13.5		13.5-15.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																								
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	53.4		35.5		35.9		43.5		75		83.9		66.9		80.7		12.1		6.9			
Arsenic	7440-38-2	ppm-Al	655		667		789		895		1200		608		646		593		640		643			
Barium	7440-39-3	ppm-Al	9660		9710		9380		11700		12500		12800		10100		11600		2950		2870			
Beryllium	7440-41-7	ppm-Al	48.6		48.1		50		51.5		50.1		48.3		48		49.7		52.3		57.6			
Cadmium	7440-43-9	ppm-Al	203		227		195		359		757		294		180		252		23.9		22.2			
Calcium	7440-70-2	ppm-Al	406000		463000		442000		598000		492000		452000		514000		418000		213000		197000			
Chromium	7440-47-3	ppm-Al	7770		9060		9530		13900		25100		7970		7240		7570		2770		2920			
Cobalt	7440-48-4	ppm-Al	730		761		748		815		763		762		749		750		826		848			
Copper	7440-50-8	ppm-Al	10500		11200		10300		13600		18800		12200		9610		12100		1700		1330			
Iron	7439-89-6	ppm-Al	2110000		2040000		2090000		2060000		1890000		2360000		2500000		2350000		2540000		2570000			
Lead	7439-92-1	ppm-Al	14600		15000		13500		18100		30100		18500		13600		17400		1460		1340			
Magnesium	7439-95-4	ppm-Al	486000		530000		541000		540000		457000		474000		603000		511000		536000		543000			
Manganese	7439-96-5	ppm-Al	42100		39900		38700		35200		27600		55300		46500		50300		47600		56400			
Mercury	7439-97-6	ppm-Al	160		196		227		403		809								13.9		4.3			
Nickel	7440-02-0	ppm-Al	2280		2700		2380		3080		3510		2380		2200		2340		1780		1850			
Potassium	7440-09-7	ppm-Al	142000		155000		166000		174000		151000		107000		185000		132000		202000		207000			
Selenium	7782-49-2	ppm-Al	94.6		87		109		105		118		97.9		86.6		114		121	U	126	U		
Silver	7440-22-4	ppm-Al	173		227		238		298		439		197		162		231		12.8		6.8			
Sodium	7440-23-5	ppm-Al	468000		593000		568000		506000		432000		471000		890000		622000		289000		276000			
Thallium	7440-28-0	ppm-Al	13.6		14.8		15.1		19.4		21.6		14.1		13.6		14.2		9.8		9.4			
Titanium	7440-32-6	ppm-Al	31100		30200		28000		31200		29300		36500		35800		37300		32400		31600			
Vanadium	7440-62-2	ppm-Al	2420		2430		2410		2690		3160		2600		2380		2510		2390		2620			
Zinc	7440-66-6	ppm-Al	29200		27100		22200		27800		44700		39700		29800		39100		6290		5710			

		Location ID	2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-007	
		Sample Name	08A-006-C1_(15.5-16.9)_N		08A-006-C1_(3.5-5.5)_N		08A-006-C1_(5.5-7.5)_N		08A-006-C1_(7.5-9.5)_N		08A-006-C1_(9.5-11.5)_N		08A-006-C2_(0.5-1.5)_N		08A-006-C2_(0-0.5)_N		08A-006-C2_(1.5-2.5)_N		08A-006-C2_(2.5-3.5)_N		08A-007-C1_(0-0.5)_N	
		Date Collected	11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/19/2008	
		Depth	15.5-16.9		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	10.4		8.1		7.9		13.5		12.1		43.8		61.8		40.1		30.1		41.1	
Arsenic	7440-38-2	ppm-Al	624		587		596		707		729		759		724		798		829		777	
Barium	7440-39-3	ppm-Al	3410		2830		2850		4790		3550		8690		7900		9230		8090		8030	
Beryllium	7440-41-7	ppm-Al	49.4		52.7		48.9		56		64.8		49.8		50		50.5		54		57.2	
Cadmium	7440-43-9	ppm-Al	31.7		19.6		20.9		96.1		32		217		241		258		235		213	
Calcium	7440-70-2	ppm-Al	208000		212000		203000		257000		244000		366000		351000		403000		369000		352000	
Chromium	7440-47-3	ppm-Al	3080		2420		2520		4370		2830		9490		8620		11200		10400		9820	
Cobalt	7440-48-4	ppm-Al	793		823		778		864		918		684		727		720		782		826	
Copper	7440-50-8	ppm-Al	1690		1300		1240		2990		2090		10600		11100		12100		10600		11400	
Iron	7439-89-6	ppm-Al	2550000		2500000		2540000		2540000		2600000		2420000		2310000		2400000		2380000		2370000	
Lead	7439-92-1	ppm-Al	1900		1310		1870		3510		1860		13800		15000		15000		12500		14000	
Magnesium	7439-95-4	ppm-Al	525000		530000		547000		531000		556000		591000		576000		596000		580000		588000	
Manganese	7439-96-5	ppm-Al	46000		42700		46500		42200		45900		27800		21900		29200		33300		22900	
Mercury	7439-97-6	ppm-Al	36.4		9.3		8.1		52.9		33.6		176						200			
Nickel	7440-02-0	ppm-Al	1700		1770		1700		1990		2010		2390		2370		2520		2670		2790	
Potassium	7440-09-7	ppm-Al	195000		209000		210000		200000		204000		196000		185000		196000		196000		190000	
Selenium	7782-49-2	ppm-Al	130	U	104	U	124	U	123	U	135	U	80.3		97.6		80.9		81.3		80.4	
Silver	7440-22-4	ppm-Al	24.6		11.4		9		46.1		20.6		238		249		264		205		235	
Sodium	7440-23-5	ppm-Al	244000		392000		316000		291000		329000		528000		650000		508000		500000		571000	
Thallium	7440-28-0	ppm-Al	9		9.4		8.9		11.7		10.9		15.8		15.4		17.1		16.5		16.8	
Titanium	7440-32-6	ppm-Al	34200		32300		33400		32000		34000		34600		35700		31700		30700		35400	
Vanadium	7440-62-2	ppm-Al	2260		2490		2270		2530		2670		2250		2390		2370		2480		2680	
Zinc	7440-66-6	ppm-Al	7390		6010		5830		9450		6950		28600		32000		28000		23300		27000	

Table B-3
Aluminum-Normalized Inorganics

			Location ID	2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007	
			Sample Name	08A-007-C1_(1.5-2.5)_N		08A-007-C1_(2.5-3.5)_N		08A-007-C2_(0.5-1.5)_N		08A-007-C2_(11.5-13.5)_N		08A-007-C2_(13.5-15.5)_N		08A-007-C2_(15.5-17.5)_N		08A-007-C2_(17.5-19.1)_N		08A-007-C2_(3.5-5.5)_N		08A-007-C2_(5.5-7.5)_N		08A-007-C2_(7.5-9.5)_N	
			Date Collected	11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008	
			Depth	1.5-2.5		2.5-3.5		0.5-1.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.1		3.5-5.5		5.5-7.5		7.5-9.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																							
Aluminum	7429-90-5	ppm-Al		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al		29.3		34.7		31		9.6	U	9.1	U	11.9	U	21.8	U	6.5	U	6.1	U	4.7	
Arsenic	7440-38-2	ppm-Al		827		860		879		578		577		931		1020		571		639		664	
Barium	7440-39-3	ppm-Al		9020		8760		8710		3010		3020		4550		5450		2780		2850		3170	
Beryllium	7440-41-7	ppm-Al		50.7		54.5		54.7		53.8		54.3		64.8		85.1		52.2		52		50.7	
Cadmium	7440-43-9	ppm-Al		270		279		254		13.3		16.7		46.3		10.2		13.3		23.2		32.2	
Calcium	7440-70-2	ppm-Al		375000		380000		485000		186000		208000		224000		148000		244000		257000		213000	
Chromium	7440-47-3	ppm-Al		11700		12600		12100		2240		2440		3800		2130		2160		2600		3070	
Cobalt	7440-48-4	ppm-Al		750		802		816		1000		912		1100		1600		810		860		828	
Copper	7440-50-8	ppm-Al		12300		12100		12400		942		1170		2240		942		992		1400		1830	
Iron	7439-89-6	ppm-Al		2470000		2450000		2460000		2810000		2700000		3150000		3820000		2680000		2620000		2560000	
Lead	7439-92-1	ppm-Al		14800		14000		15300		927		1150		2320		964		942		1440		1760	
Magnesium	7439-95-4	ppm-Al		600000		593000		599000		545000		558000		568000		524000		577000		550000		545000	
Manganese	7439-96-5	ppm-Al		28900		32600		27600		52400		45100		60000		60400		51900		51000		47800	
Mercury	7439-97-6	ppm-Al						222		9.3		23.2		10.6		1.2		3.3		12.9		26.3	
Nickel	7440-02-0	ppm-Al		2610		2780		2850		1790		1820		2200		2210		1710		1820		1810	
Potassium	7440-09-7	ppm-Al		199000		199000		197000		198000		190000		204000		178000		222000		205000		210000	
Selenium	7782-49-2	ppm-Al		75.2		74.4		77.6		212	U	167	U	218	U	436	U	119	U	135	U	117	U
Silver	7440-22-4	ppm-Al		277		276		273		9.1		12		15.8		22.2		9.7		16.3		22.1	
Sodium	7440-23-5	ppm-Al		527000		523000		577000		279000		272000		315000		257000		380000		313000		293000	
Thallium	7440-28-0	ppm-Al		17		18.3		17.9		10.4		9.7		11.9		10.2		8.8		9.5		9.6	
Titanium	7440-32-6	ppm-Al		32200		32800		33300		37000		34700		40600		43300		33100		33200		34000	
Vanadium	7440-62-2	ppm-Al		2430		2550		2620		2600		2500		3800		3710		2490		2570		2400	
Zinc	7440-66-6	ppm-Al		26500		25900		26400		5840		6190		7190		6650		5510		6110		6960	

			Location ID		2008 CLRC-007		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008	
			Sample Name		08A-007-C2_(9.5-11.5)_N		08A-008-C1_(0.5-1.5)_N		08A-008-C1_(11.5-13.5)_N		08A-008-C1_(13.5-15.5)_N		08A-008-C1_(5.5-7.5)_N		08A-008-C1_(7.5-9.5)_N		08A-008-C1_(9.5-11.5)_N		08A-008-C2_(0-0.5)_N		08A-008-C2_(1.5-2.5)_N		08A-008-C2_(2.5-3.5)_N	
			Date Collected		11/19/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008	
			Depth		9.5-11.5		0.5-1.5		11.5-13.5		13.5-15.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		1.5-2.5		2.5-3.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																								
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	8.4	U	39.7		150		1030		74.8		65.1		51.6		64.8		45.8		35.4			
Arsenic	7440-38-2	ppm-Al	658		687		1330		6410		862		842		925		648		736		596			
Barium	7440-39-3	ppm-Al	3110		9160		12200		29600		9370		9590		10800		9280		8610		8200			
Beryllium	7440-41-7	ppm-Al	54.2		48.7		52.9		66.2		50.9		51		50.8		48.9		53.2		50.8			
Cadmium	7440-43-9	ppm-Al	45.4		159		483		1140		237		216		299		161		156		134			
Calcium	7440-70-2	ppm-Al	204000		472000		450000		1380000		508000		568000		702000		526000		565000		538000			
Chromium	7440-47-3	ppm-Al	3630		7790		20100		39500		10400		10300		12200		7090		8540		7420			
Cobalt	7440-48-4	ppm-Al	916		759		847		2650		767		788		789		742		757		674			
Copper	7440-50-8	ppm-Al	2350		9770		20500		42100		11600		11000		12500		9200		9860		8430			
Iron	7439-89-6	ppm-Al	2560000		2460000		2270000		2570000		2330000		2340000		2300000		2500000		2460000		2310000			
Lead	7439-92-1	ppm-Al	2380		12900		26800		102000		14700		13500		13900		12700		12500		9660			
Magnesium	7439-95-4	ppm-Al	532000		589000		467000		552000		539000		556000		538000		633000		626000		601000			
Manganese	7439-96-5	ppm-Al	43100		40800		34200		32700		37400		37200		37600		37400		41000		34300			
Mercury	7439-97-6	ppm-Al	18.9		136		443		785		189		204		380									
Nickel	7440-02-0	ppm-Al	2000		2260		3310		7390		2640		2390		2460		2170		2290		2130			
Potassium	7440-09-7	ppm-Al	206000		192000		199000		174000		276000		279000		251000		199000		195000		201000			
Selenium	7782-49-2	ppm-Al	168	U	68.7		113		270		62.9		61.6		68.3		56		62.5		61.8			
Silver	7440-22-4	ppm-Al	25.1		147		521		919		320		271		306		180		187		167			
Sodium	7440-23-5	ppm-Al	280000		779000		503000		493000		619000		555000		481000		816000		764000		646000			
Thallium	7440-28-0	ppm-Al	10.6		14.4		21.5		26.7		15.3		16		18.3		14.6		14.2		18.1			
Titanium	7440-32-6	ppm-Al	34300		33400		30300		38700		30300		33100		32100		36100		31500		30700			
Vanadium	7440-62-2	ppm-Al	2550		2440		3800		6010		2600		2500		2470		2380		2430		2200			
Zinc	7440-66-6	ppm-Al	6990		27600		39200		91900		23600		24600		25800		28200		26300		21000			

Table B-3
Aluminum-Normalized Inorganics

		Location ID	2008 CLRC-008		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009	
		Sample Name	08A-008-C2_(3.5-5.5)_N		08A-009-C1_(0.5-1.5)_N		08A-009-C1_(0-0.5)_N		08A-009-C1_(2.5-3.5)_N		08A-009-C3_(1.5-2.5)_N		08A-009-C3_(11.5-12.6)_N		08A-009-C3_(3.5-5.5)_N		08A-009-C3_(5.5-7.5)_N		08A-009-C3_(7.5-9.5)_N		08A-009-C3_(9.5-11.5)_N	
		Date Collected	11/24/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008	
		Depth	3.5-5.5		0.5-1.5		0.0-0.5		2.5-3.5		1.5-2.5		11.5-12.6		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	42.5		81.4		93.7		60.5		59.9		104		52.2		53.9		71.5		79.6	
Arsenic	7440-38-2	ppm-Al	726		662		629		660		651		994		723		993		1130		922	
Barium	7440-39-3	ppm-Al	9080		10100		9020		9630		9010		13500		8490		10100		11000		12500	
Beryllium	7440-41-7	ppm-Al	47		50.9		47.8		48.5		49.5		44.8		45		50.3		46.8		44.5	
Cadmium	7440-43-9	ppm-Al	169		272		227		315		285		849		247		348		478		665	
Calcium	7440-70-2	ppm-Al	482000		376000		394000		327000		373000		389000		355000		580000		409000		340000	
Chromium	7440-47-3	ppm-Al	8640		7590		7270		9510		9130		23700		8990		13100		18600		24700	
Cobalt	7440-48-4	ppm-Al	728		745		727		698		727		925		717		809		775		832	
Copper	7440-50-8	ppm-Al	9820		11900		12500		13000		12400		24000		11400		14000		18900		20500	
Iron	7439-89-6	ppm-Al	2320000		2080000		2000000		1830000		1950000		1630000		1920000		2010000		1990000		1660000	
Lead	7439-92-1	ppm-Al	12800		19600		16700		20900		18600		34100		16600		17000		25300		28300	
Magnesium	7439-95-4	ppm-Al	570000		468000		491000		441000		460000		381000		453000		501000		451000		361000	
Manganese	7439-96-5	ppm-Al	38100		45700		40600		38000		37900		25400		40300		34300		33000		30300	
Mercury	7439-97-6	ppm-Al									153		1470		180		347		466		605	
Nickel	7440-02-0	ppm-Al	2390		2350		2200		2510		2460		4470		2310		2700		3040		3880	
Potassium	7440-09-7	ppm-Al	194000		133000		148000		133000		141000		113000		144000		168000		153000		108000	
Selenium	7782-49-2	ppm-Al	64.9		186		182		160		180		189		182		184		199		198	
Silver	7440-22-4	ppm-Al	224		195		172		257		240		513		258		349		479		474	
Sodium	7440-23-5	ppm-Al	605000		814000		811000		581000		587000		387000		514000		450000		454000		378000	
Thallium	7440-28-0	ppm-Al	13.8		14		14.7		14.8		14.2		23		14.5		19		21.9		20.1	
Titanium	7440-32-6	ppm-Al	29600		32600		31600		28600		29900		27000		27400		29200		28700		26600	
Vanadium	7440-62-2	ppm-Al	2380		2690		2480		2380		2440		4950		2430		2670		3050		4290	
Zinc	7440-66-6	ppm-Al	23000		38000		32000		33800		31200		60300		26500		25600		34800		50200	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010	
		Sample Name	08A-010-C1_(0.5-1.5)_N		08A-010-C1_(0-0.5)_N		08A-010-C1_(1.5-2.5)_N		08A-010-C1_(2.5-3.5)_N		08A-010-C1_(3.5-5.5)_N		08A-010-C1_(5.5-7.5)_N		08A-010-C2_(11.5-13.5)_N		08A-010-C2_(13.5-15.5)_N		08A-010-C2_(15.5-17.5)_N		08A-010-C2_(17.5-19.5)_N	
		Date Collected	12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008	
		Depth	0.5-1.5		0.0-0.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	43.8		59.7		59		38.5		32.3		32		35		47.3		63.8		65.6	
Arsenic	7440-38-2	ppm-Al	542		765		619		516		685		693		1040		1430		950		1120	
Barium	7440-39-3	ppm-Al	12000		11500		12900		10600		10600		10700		12300		14200		16000		14600	
Beryllium	7440-41-7	ppm-Al	43.4		51.1		52.1		40.9		51.9		48.8		51.2		74.7		60.5		50.1	
Cadmium	7440-43-9	ppm-Al	242		285		283		207		254		277		459		775		752		853	
Calcium	7440-70-2	ppm-Al	468000		531000		474000		455000				424000		459000		497000		419000		459000	
Chromium	7440-47-3	ppm-Al	7360		10200		8360		7080		9220		10100		18100		28800		24400		29300	
Cobalt	7440-48-4	ppm-Al	694		815		813		652		793		752		763		1200		1080		969	
Copper	7440-50-8	ppm-Al	10800		12800		13000		10100		11800		12800		17800		28000		24500		26600	
Iron	7439-89-6	ppm-Al	2350000		2550000		2450000		2340000		2270000		2210000		2300000		2400000		1990000		2150000	
Lead	7439-92-1	ppm-Al	15300		18000		19000		13300		15600		16100		20600		36300		32600		33200	
Magnesium	7439-95-4	ppm-Al	563000		613000		520000		552000		527000		503000		513000		498000		399000		471000	
Manganese	7439-96-5	ppm-Al	48100		48200		56900		45300		45500		45500		36600		42500		40000		31000	
Mercury	7439-97-6	ppm-Al													387		649		481		920	
Nickel	7440-02-0	ppm-Al	2170		2590		2590		2080		2650		2440		2890		4820		5060		4880	
Potassium	7440-09-7	ppm-Al	157000		189000		148000		160000		162000		156000		174000		165000		113000		158000	
Selenium	7782-49-2	ppm-Al	62.5	U	84	U	67.2		68.3	U	58.4		52.3		56.3		62.5		63.8		67.5	
Silver	7440-22-4	ppm-Al	222		236		213		199		256		295		502		463		481		547	
Sodium	7440-23-5	ppm-Al	813000		950000		664000		605000		587000		526000		438000		396000		367000		455000	
Thallium	7440-28-0	ppm-Al	12.9		16.9		14.6		11.9		14.9		14.9		22.6		32.1		23.3		25.8	
Titanium	7440-32-6	ppm-Al	33500		33400		36900		33500		29000		29000		28400		31600		28200		28300	
Vanadium	7440-62-2	ppm-Al	2200		2650		2660		2050		2500		2410		2770		4320		3650		3320	
Zinc	7440-66-6	ppm-Al	37500		39500		42200		33900		30800		31800		35800		43400		56400		61300	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011	
		Sample Name	08A-010-C2_(19.5-21.75)_N		08A-010-C2_(7.5-9.5)_N		08A-010-C2_(9.5-11.5)_N		08A-011-C1_(1.5-2.5)_N		08A-011-C1_(11.5-13.5)_N		08A-011-C1_(13.5-15.5)_N		08A-011-C1_(15.5-17.5)_N		08A-011-C1_(17.5-19.5)_N		08A-011-C1_(2.5-3.5)_N		08A-011-C1_(3.5-5.5)_N	
		Date Collected	12/8/2008		12/8/2008		12/8/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008	
		Depth	19.5-21.8		7.5-9.5		9.5-11.5		1.5-2.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	81.5		32.3		32.5		5.7	U	3.2		4.6		3.9	U	5		4.8	U	4.5	U
Arsenic	7440-38-2	ppm-Al	1380		813		962		670		429		531		529		472		501		520	
Barium	7440-39-3	ppm-Al	16700		9550		10400		2590		2270		2330		2440		2980		2480		2640	
Beryllium	7440-41-7	ppm-Al	47.9		51.9		51.7		47.7		38.3		42.2		44.7		44.2		46.9		44.1	
Cadmium	7440-43-9	ppm-Al	1000		266		333		10		8.2		7.7		8.8		8.9		8.2		8.8	
Calcium	7440-70-2	ppm-Al	479000		515000		584000		234000		2210000		979000		2780000		880000		235000		195000	
Chromium	7440-47-3	ppm-Al	40300		11200		14600		1990		1560		1670		1780		1740		1980		1820	
Cobalt	7440-48-4	ppm-Al	964		768		752		855		637		755		789		778		776		736	
Copper	7440-50-8	ppm-Al	28800		12600		14100		842		691		819		892		853		791		753	
Iron	7439-89-6	ppm-Al	2110000		2340000		2200000		2550000		2490000		2680000		2580000		2510000		2460000		2490000	
Lead	7439-92-1	ppm-Al	39500		14300		15300		852		694		777		830		808		810		746	
Magnesium	7439-95-4	ppm-Al	468000		571000		532000		573000		573000		576000		570000		547000		557000		547000	
Manganese	7439-96-5	ppm-Al	29300		38400		34900		51700		35300		35600		41700		35200		45800		35000	
Mercury	7439-97-6	ppm-Al	976		232		371		2.5		1.6		1.7		1.8		1.6		2.1		1.9	
Nickel	7440-02-0	ppm-Al	5670		2590		2570		1700		1360		1500		1590		1570		1660		1520	
Potassium	7440-09-7	ppm-Al	157000		194000		190000		214000		210000		195000		192000		188000		210000		208000	
Selenium	7782-49-2	ppm-Al	65.5		64.5	U	57.3	U	114	U	71.4	U	92.3	U	88.2	U	70.4	U	107	U	90.3	U
Silver	7440-22-4	ppm-Al	637		294		372		5.1		4.2		4.7		3.6		3.6		4.1		3.3	
Sodium	7440-23-5	ppm-Al	502000		545000		439000		389000		263000		242000		247000		235000		340000		298000	
Thallium	7440-28-0	ppm-Al	25.4		16.4		19.9		8.7		6.7		6.9		7.6		7.1		8.5		7.8	
Titanium	7440-32-6	ppm-Al	25500		28500		27700		37900		29500		31300		30900		30700		35300		35200	
Vanadium	7440-62-2	ppm-Al	3820		2460		2460		2420		1950		2160		2350		2330		2390		2140	
Zinc	7440-66-6	ppm-Al	78000		27000		26800		5190		4900		5130		4880		5070		5000		4770	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012	
		Sample Name	08A-011-C1_(7.5-9.5)_N		08A-011-C1_(9.5-11.5)_N		08A-011-C2_(0.5-1.5)_N		08A-011-C2_(0-0.5)_N		08A-011-C2_(5.5-7.5)_N		08A-012-C1_(11.5-13.5)_N		08A-012-C1_(2.5-3.75)_N		08A-012-C1_(5.5-7.5)_N		08A-012-C1_(7.5-9.5)_N		08A-012-C1_(9.5-11.5)_N	
		Date Collected	11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008	
		Depth	7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		5.5-7.5		11.5-13.5		2.5-3.8		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	3.7		4.2	U	5.9		61.5		5.6	U	64.9		38.2		39.2		47.4		55.4	
Arsenic	7440-38-2	ppm-Al	463		500		849		1650		504		2650		725		1490		1950		2320	
Barium	7440-39-3	ppm-Al	2440		2210		2750		8460		2580		9940		8150		8380		9610		9210	
Beryllium	7440-41-7	ppm-Al	45.6		43.7		46.3		51		49.9		114		47.9		95		94.2		108	
Cadmium	7440-43-9	ppm-Al	9.4		8.6		18.8		263		9.5		988		221		494		610		802	
Calcium	7440-70-2	ppm-Al	2290000		1680000		196000		291000		189000		454000		379000		685000		621000		408000	
Chromium	7440-47-3	ppm-Al	1810		1780		2360		14900		2030		43500		9780		19600		27900		35600	
Cobalt	7440-48-4	ppm-Al	779		739		817		776		860		1680		669		1410		1390		1560	
Copper	7440-50-8	ppm-Al	798		771		1450		11700		819		40400		11700		20100		26100		35300	
Iron	7439-89-6	ppm-Al	2460000		2450000		2510000		2560000		2480000		2200000		1840000		2180000		2230000		2150000	
Lead	7439-92-1	ppm-Al	824		809		1310		13900		825		47500		12300		22800		28500		41300	
Magnesium	7439-95-4	ppm-Al	579000		569000		551000		562000		557000		523000		489000		576000		577000		507000	
Manganese	7439-96-5	ppm-Al	41600		35500		44300		26200		38800		34900		30500		37100		37700		32900	
Mercury	7439-97-6	ppm-Al	1.7		1.7								404		192		247		338		346	
Nickel	7440-02-0	ppm-Al	1560		1540		1730		2690		1650		6490		2350		4300		5010		5880	
Potassium	7440-09-7	ppm-Al	206000		206000		208000		206000		164000		173000		166000		195000		195000		168000	
Selenium	7782-49-2	ppm-Al	83.3	U	76.3	U	59		101		112	U	152		67.4		118	U	117		164	
Silver	7440-22-4	ppm-Al	3.3		3.4		10.5		209		13.9		456		254		269		360		440	
Sodium	7440-23-5	ppm-Al	276000		247000		395000		628000		273000		321000		512000		365000		360000		344000	
Thallium	7440-28-0	ppm-Al	8.2		7.5		8.8		17.9		8.1		57.8		14.7		34.6		39.4		46.8	
Titanium	7440-32-6	ppm-Al	30300		28400		32800		33900		37100		28100		26700		30500		30600		27100	
Vanadium	7440-62-2	ppm-Al	2230		2290		2370		2760		2590		6550		2210		4320		4690		5760	
Zinc	7440-66-6	ppm-Al	4950		4710		5800		26100		5350		32000		21900		21900		25500		28600	

Table B-3
Aluminum-Normalized Inorganics

			Location ID	2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013	
			Sample Name	08A-012-C2_(0.5-1.5)_N		08A-012-C2_(0-0.5)_N		08A-012-C2_(1.5-2.5)_N		08A-012-C2_(3.93-5.5)_N		08A-013-C1_(0-0.5)_N		08A-013-C1_(2.5-3.5)_N		08A-013-C2_(0.5-1.5)_N		08A-013-C2_(1.5-2.5)_N		08A-013-C2_(11.5-13.5)_N		08A-013-C2_(13.5-15.5)_N	
			Date Collected	12/4/2008		12/4/2008		12/4/2008		12/4/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008	
			Depth	0.5-1.5		0.0-0.5		1.5-2.5		3.9-5.5		0.0-0.5		2.5-3.5		0.5-1.5		1.5-2.5		11.5-13.5		13.5-15.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																							
Aluminum	7429-90-5	ppm-Al		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al		37.4		32.3		39		43.5		85.5		45.3		55.6		45.7		63.3		86.3	
Arsenic	7440-38-2	ppm-Al		665		658		756		1860		813		691		669		630		994		1070	
Barium	7440-39-3	ppm-Al		7090		6390		8170		7730		14100		10600		10600		10700		13000		14700	
Beryllium	7440-41-7	ppm-Al		45.1		46.3		47.9		118		56.3		51.7		56		50.9		53.6		52.3	
Cadmium	7440-43-9	ppm-Al		157		101		188		522		333		278		273		283		651		938	
Calcium	7440-70-2	ppm-Al		364000		408000		430000		503000		583000		465000		457000		428000		434000		466000	
Chromium	7440-47-3	ppm-Al		8040		6900		9760		24400		9490		9420		8470		8990		22400		31600	
Cobalt	7440-48-4	ppm-Al		648		639		683		1680		896		755		802		732		843		1010	
Copper	7440-50-8	ppm-Al		9720		8350		11100		25300		14000		12700		13100		12700		21000		27300	
Iron	7439-89-6	ppm-Al		1870000		2000000		1950000		2150000		2760000		2260000		2350000		2260000		2010000		1990000	
Lead	7439-92-1	ppm-Al		10500		9110		11600		30300		25100		17800		18600		18400		31300		42000	
Magnesium	7439-95-4	ppm-Al		494000		541000		522000		563000		639000		542000		573000		567000		469000		481000	
Manganese	7439-96-5	ppm-Al		30600		31200		32400		35300		56600		39200		49100		44100		32100		27600	
Mercury	7439-97-6	ppm-Al														162		178		568		1000	
Nickel	7440-02-0	ppm-Al		2020		1870		2260		5210		2910		2450		2520		2460		3880		4960	
Potassium	7440-09-7	ppm-Al		165000		187000		174000		188000		162000		160000		152000		154000		139000		137000	
Selenium	7782-49-2	ppm-Al		67		63.3		79.3		123		146		115		105		101		139		130	
Silver	7440-22-4	ppm-Al		185		137		241		289		204		260		240		240		477		548	
Sodium	7440-23-5	ppm-Al		575000		747000		520000		466000		1180000		717000		839000		812000		493000		528000	
Thallium	7440-28-0	ppm-Al		12.7		12.2		14.5		39.5		19		16		16.1		15.5		22.7		27.3	
Titanium	7440-32-6	ppm-Al		25600		26500		27400		29200		41800		34400		37000		34600		33600		32100	
Vanadium	7440-62-2	ppm-Al		2070		1990		2180		5530		3100		2420		2680		2460		3020		3260	
Zinc	7440-66-6	ppm-Al		19800		17300		20300		22100		58000		35400		41000		42000		56100		80100	

Table B-3
Aluminum-Normalized Inorganics

			Location ID	2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014	
			Sample Name	08A-013-C2_(3.5-5.5)_N		08A-013-C2_(5.5-7.5)_N		08A-013-C2_(7.5-9.5)_N		08A-013-C2_(9.5-11.5)_N		08A-014-C1_(11.5-13.5)_N		08A-014-C1_(13.5-15.5)_N		08A-014-C1_(15.5-17.5)_N		08A-014-C1_(17.5-19.75)_N		08A-014-C1_(19.75-21.5)_N		08A-014-C1_(21.5-23.18)_N	
			Date Collected	11/17/2008		11/17/2008		11/17/2008		11/17/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008	
			Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.8		19.8-21.5		21.5-23.2	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																							
Aluminum	7429-90-5	ppm-Al		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al		51.1		43.4		39.7		53.4		197		202		169		468		65.5		21.5	U
Arsenic	7440-38-2	ppm-Al		744		814		984		1060		2880		2540		1970		4000		446		287	
Barium	7440-39-3	ppm-Al		10500		9660		10500		11400		33500		28300		20400		22900		4640		4480	
Beryllium	7440-41-7	ppm-Al		51.8		53.1		55.9		52.6		57.6		55		57.7		56.5		40.5		63.1	
Cadmium	7440-43-9	ppm-Al		276		305		330		450		283		197		204		245		17.6		8.6	U
Calcium	7440-70-2	ppm-Al		487000		493000		789000		461000		368000		458000		569000		377000		148000		244000	
Chromium	7440-47-3	ppm-Al		10000		11200		12800		18000		21400		17200		17900		20500		2840		2090	
Cobalt	7440-48-4	ppm-Al		738		745		775		730		791		792		841		815		857		875	
Copper	7440-50-8	ppm-Al		12800		13400		13200		17800		28600		21900		17500		29500		1950		746	
Iron	7439-89-6	ppm-Al		2300000		2170000		2300000		2200000		2430000		2430000		2320000		2400000		3180000		3160000	
Lead	7439-92-1	ppm-Al		17600		17200		14700		22200		38100		28500		20400		35500		1920		437	
Magnesium	7439-95-4	ppm-Al		582000		559000		607000		526000		496000		530000		556000		488000		580000		591000	
Manganese	7439-96-5	ppm-Al		39100		34100		37100		31300		27500		30700		33700		27900		20000		24200	
Mercury	7439-97-6	ppm-Al		205		232		330		447		547		346		251		525		11.4		0.91	
Nickel	7440-02-0	ppm-Al		2610		2530		2560		2900		3270		2890		2900		3770		1660		1590	
Potassium	7440-09-7	ppm-Al		168000		166000		195000		169000		169000		170000		183000		162000		163000		160000	
Selenium	7782-49-2	ppm-Al		97.7		96.6		86.5		117		165		161		140		177		327	U	430	U
Silver	7440-22-4	ppm-Al		327		335		343		485		272		223		150		234		26.2		8.6	U
Sodium	7440-23-5	ppm-Al		688000		614000		511000		550000		429000		374000		308000		329000		174000		335000	
Thallium	7440-28-0	ppm-Al		16.5		17.2		20.8		24.1		34.7		34.7		30.1		57.8		8		8.6	U
Titanium	7440-32-6	ppm-Al		34400		31400		33200		32600		27700		27900		28100		28400		42300		56300	
Vanadium	7440-62-2	ppm-Al		2470		2480		2500		2740		3270		2500		2340		2710		2460		3310	
Zinc	7440-66-6	ppm-Al		34400		31400		27700		38700		63500		48600		39400		56700		8480		7780	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-015		2008 CLRC-015	
		Sample Name	08A-014-C1_(7.5-9.5)_N		08A-014-C1_(9.5-11.5)_N		08A-014-C2_(0.5-1.5)_N		08A-014-C2_(0-0.5)_N		08A-014-C2_(1.5-2.5)_N		08A-014-C2_(2.5-3.5)_N		08A-014-C2_(3.5-5.5)_N		08A-014-C2_(5.5-7.5)_N		08A-015-C1_(0.5-1.5)_N		08A-015-C1_(0-0.5)_N	
		Date Collected	12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		11/12/2008		11/12/2008	
		Depth	7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		0.5-1.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	177		148		50.3		52.7		45.1		84.3		91.8		124		78.1		182	
Arsenic	7440-38-2	ppm-Al	6140		3960		869		784		821		961		1050		1410		709		771	
Barium	7440-39-3	ppm-Al	20700		29000		10100		7640		10300		16400		14100		15800		10700		8850	
Beryllium	7440-41-7	ppm-Al	63.9		61.6		51		50.3		49		50.7		49.6		50.8		45.8		49.8	
Cadmium	7440-43-9	ppm-Al	1140		817		344		256		378		693		791		907		244		226	
Calcium	7440-70-2	ppm-Al	298000		323000		1100000		375000		517000		416000		429000		427000		414000		415000	
Chromium	7440-47-3	ppm-Al	60200		30400		12200		9800		12500		22500		26500		38200		10500		10300	
Cobalt	7440-48-4	ppm-Al	735		756		771		777		759		954		982		1050		695			
Copper	7440-50-8	ppm-Al	39100		29800		13900		11800		13500		22200		24600		28300		11100		14400	
Iron	7439-89-6	ppm-Al	2200000		2400000		2270000		2090000		2120000		2010000		1970000		1900000		2090000		2080000	
Lead	7439-92-1	ppm-Al	37800		32900		17100		14700		16000		33300		34700		32500		15200		15100	
Magnesium	7439-95-4	ppm-Al	420000		481000		541000		512000		510000		437000		434000		420000		528000		559000	
Manganese	7439-96-5	ppm-Al	18900		23300		29600		29500		29900		30700		27300		25300		33400		29500	
Mercury	7439-97-6	ppm-Al	1010		671																	
Nickel	7440-02-0	ppm-Al	3970		3490		2710		2700		2550		4550		5010		6450		2960		2890	
Potassium	7440-09-7	ppm-Al	152000		171000		176000		169000		170000		127000		134000		137000		161000		173000	
Selenium	7782-49-2	ppm-Al	199		195		71.9		74.3		61.7		78.4		79.3		98.8		79.5		99.2	
Silver	7440-22-4	ppm-Al	819		441		351		281		332		553		529		674		169		175	
Sodium	7440-23-5	ppm-Al	460000		454000		542000		556000		430000		417000		391000		392000		589000		794000	
Thallium	7440-28-0	ppm-Al	45		38.9		19.5		17.9		20.2		24.2		27.6		29.1		13.9		15	
Titanium	7440-32-6	ppm-Al	27700		26600		32200		31100		29800		31000		31300		30700		31300		32400	
Vanadium	7440-62-2	ppm-Al	4610		3620		2600		2610		2560		3300		3300		3950		2340		2560	
Zinc	7440-66-6	ppm-Al	70500		60200		32600		29400		30800		61000		66000		71500		52200		51500	

Table B-3
Aluminum-Normalized Inorganics

			Location ID	2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-016		2008 CLRC-016	
			Sample Name	08A-015-C2_(1.5-2.5)_N		08A-015-C2_(10.5-11.85)_N		08A-015-C2_(11.85-13.15)_N		08A-015-C2_(2.5-3.5)_N		08A-015-C2_(3.5-5.5)_N		08A-015-C2_(5.5-7.5)_N		08A-015-C2_(7.5-8.35)_N		08A-015-C2_(8.35-10.5)_N		08A-016-C1_(11.5-13.5)_N		08A-016-C1_(13.5-15.5)_N	
			Date Collected	11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		12/1/2008		12/1/2008	
			Depth	1.5-2.5		10.5-11.9		11.9-13.1		2.5-3.5		3.5-5.5		5.5-7.5		7.5-8.4		8.4-10.5		11.5-13.5		13.5-15.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																							
Aluminum	7429-90-5	ppm-Al		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al		145		8.6	U	4.2	U	73.4		102		214		199		10.2	U	47.8		81.8	
Arsenic	7440-38-2	ppm-Al		782		328		336		906		935		2220		4730		386		663		708	
Barium	7440-39-3	ppm-Al		17800		4650		4660		11900		38600		173000		1220000		4800		9950		11900	
Beryllium	7440-41-7	ppm-Al		46		46.3		44.3		49.9		52.6		45.1		58.8		45.3		41.9		46.9	
Cadmium	7440-43-9	ppm-Al		267		18.5		19.1		309		420		704		658		7.7		354		582	
Calcium	7440-70-2	ppm-Al		478000		181000		179000		411000		755000		698000		290000		238000		407000		341000	
Chromium	7440-47-3	ppm-Al		11900		2190		2070		11700		23300		25100		16200		1860		11100		17700	
Cobalt	7440-48-4	ppm-Al		705		832		687		741		1020		880		1790		821		641		825	
Copper	7440-50-8	ppm-Al		12100		972		933		13100		25500		24300		12100		738		13000		18700	
Iron	7439-89-6	ppm-Al		2050000		2450000		2250000		2030000		2400000		1940000		5670000		2280000		1840000		1890000	
Lead	7439-92-1	ppm-Al		16000		682		570		17600		28800		135000		45500		762		17500		31000	
Magnesium	7439-95-4	ppm-Al		537000		428000		388000		492000		939000		1050000		366000		470000		449000		415000	
Manganese	7439-96-5	ppm-Al		34400		24400		18200		32900		41200		60800		66600		33300		32600		35600	
Mercury	7439-97-6	ppm-Al		183		2.2		2.4		264		364		759		398		2.1		239		380	
Nickel	7440-02-0	ppm-Al		3960		1550		1320		3140		8180		5240		3540		1570		2310		3600	
Potassium	7440-09-7	ppm-Al		169000		149000		123000		163000		164000		124000		172000		176000		139000		112000	
Selenium	7782-49-2	ppm-Al		83.3		173	U	92.4		71.9		113	U	165		179		224	U	70.7		87.6	
Silver	7440-22-4	ppm-Al		213		3.6	U	3.3		259		360		186		105		4.5	U	538		560	
Sodium	7440-23-5	ppm-Al		485000		418000		439000		458000		423000		315000		360000		276000		376000		404000	
Thallium	7440-28-0	ppm-Al		14.8		7.9		6.7		17.3		19.4		19.9		39.4		7.5		16.5		18	
Titanium	7440-32-6	ppm-Al		32600		41300		27600		31400		40000		35900		45300		37400		26000		28800	
Vanadium	7440-62-2	ppm-Al		2440		2710		2500		2560		3830		3020		3020		2200		2180		2730	
Zinc	7440-66-6	ppm-Al		83300		5030		4350		45900		66600		97100		207000		5260		30700		50000	

		Location ID	2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016	
		Sample Name	08A-016-C1_(15.5-17.5)_N		08A-016-C1_(17.5-19.12)_N		08A-016-C1_(19.12-20.25)_N		08A-016-C1_(5.5-7.5)_N		08A-016-C1_(7.5-9.5)_N		08A-016-C1_(9.5-11.5)_N		08A-016-C2_(0.5-1.5)_N		08A-016-C2_(0-0.5)_N		08A-016-C2_(1.5-2.5)_N		08A-016-C2_(2.5-3.5)_N	
		Date Collected	12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008	
		Depth	15.5-17.5		17.5-19.1		19.1-20.3		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	72.4		89.4		23.3		54.7		50.6		45.5		81.4		78.1		71.3		75.2	
Arsenic	7440-38-2	ppm-Al	1000		1010		419		593		590		535		607		650		587		515	
Barium	7440-39-3	ppm-Al	13100		13200		4700		11600		9820		9600		13200		11800		10900		12700	
Beryllium	7440-41-7	ppm-Al	48.1		53.8		55.1		48.2		46.3		42.5		49.6		53.2		48.5		46	
Cadmium	7440-43-9	ppm-Al	753		806		28.6		354		345		333		261		301		261		272	
Calcium	7440-70-2	ppm-Al	350000		353000		1800000		399000		339000		318000		440000		425000		457000		415000	
Chromium	7440-47-3	ppm-Al	24900		25700		2350		9530		9400		8890		7590		9200		8400		8180	
Cobalt	7440-48-4	ppm-Al	847		944		970		733		699		621		772		788		733		709	
Copper	7440-50-8	ppm-Al	21400		23300		2720		14000		13400		12300		12300		14200		12400		12800	
Iron	7439-89-6	ppm-Al	1780000		1710000		2840000		2080000		1920000		1660000		2330000		2430000		2330000		2270000	
Lead	7439-92-1	ppm-Al	30800		36500		1520		18700		17000		16400		18100		19200		16500		17100	
Magnesium	7439-95-4	ppm-Al	407000		396000		793000		484000		480000		398000		491000		566000		513000		478000	
Manganese	7439-96-5	ppm-Al	31400		28400		60200		47700		39100		32400		60600		44100		46700		51200	
Mercury	7439-97-6	ppm-Al	472		488		16.2		205		204		200									
Nickel	7440-02-0	ppm-Al	4040		4460		2020		2570		2550		2110		2370		2500		2370		2390	
Potassium	7440-09-7	ppm-Al	112000		106000		189000		134000		136000		116000		128000		161000		143000		131000	
Selenium	7782-49-2	ppm-Al	76.5		87.5		256	U	73.3		72.3		55.6		89.7		80.3		80		78.8	
Silver	7440-22-4	ppm-Al	568		518		17.7		342		360		402		226		241		257		310	
Sodium	7440-23-5	ppm-Al	392000		400000		251000		531000		470000		379000		594000		876000		531000		475000	
Thallium	7440-28-0	ppm-Al	20.5		22		13.3		15.1		15.3		13.9		13.9		15.8		14.1		13.6	
Titanium	7440-32-6	ppm-Al	25100		26900		41200		30100		28200		24400		33100		34800		32900		33000	
Vanadium	7440-62-2	ppm-Al	3100		3590		2330		2490		2410		2080		2720		2550		2360		2290	
Zinc	7440-66-6	ppm-Al	60600		57600		6580		37300		33000		30900		41600		42800		38400		41200	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	2008 CLRC-016		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017	
		Sample Name	08A-016-C2_(3.5-5.5)_N		08A-017-C1_(11.5-13.5)_N		08A-017-C1_(13.5-15.5)_N		08A-017-C1_(15.5-17.5)_N		08A-017-C1_(17.5-19.5)_N		08A-017-C1_(19.5-21.7)_N		08A-017-C1_(21.7-23.5)_N		08A-017-C1_(23.5-25)_N		08A-017-C1_(3.5-5.5)_N		08A-017-C1_(5.5-7.5)_N	
		Date Collected	12/1/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008	
		Depth	3.5-5.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.7		21.7-23.5		23.5-25.0		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	68.5		111		132		161		256		747		18.3		20.4	U	52.1		65.2	
Arsenic	7440-38-2	ppm-Al	597		2470		2370		2380		2630		6960		367		1090		884		1100	
Barium	7440-39-3	ppm-Al	11500		18500		20400		20300		24700		28000		8500		6290		9790		11000	
Beryllium	7440-41-7	ppm-Al	48.8		56.6		58.4		57		56.1		55.1		49.5		40.5		54		51.4	
Cadmium	7440-43-9	ppm-Al	294		1000		797		174		248		282		32.7		37.1		343		430	
Calcium	7440-70-2	ppm-Al	411000		440000		418000		668000		382000		339000		327000		230000		453000		457000	
Chromium	7440-47-3	ppm-Al	8900		45300		34100		17200		25500		31100		3670		2550		13000		18300	
Cobalt	7440-48-4	ppm-Al	742		821		835		858		817		728		1000		1320		795		794	
Copper	7440-50-8	ppm-Al	12900		29200		28000		18200		23200		41800		1810		986		14200		16200	
Iron	7439-89-6	ppm-Al	2220000		2160000		2220000		2530000		2390000		2350000		2500000		3000000		2290000		2230000	
Lead	7439-92-1	ppm-Al	18000		35800		36500		23100		30100		43500		1280		514		18200		20800	
Magnesium	7439-95-4	ppm-Al	495000		456000		465000		591000		523000		445000		550000		548000		557000		525000	
Manganese	7439-96-5	ppm-Al	46900		25700		26000		36700		28500		25600		16000		16500		35100		33300	
Mercury	7439-97-6	ppm-Al			738		684		282		381		671		12		2.6		267		337	
Nickel	7440-02-0	ppm-Al	2460		4140		3910		2910		3320		4510		1880		2400		2990		3140	
Potassium	7440-09-7	ppm-Al	145000		146000		147000		187000		170000		154000		146000		149000		173000		168000	
Selenium	7782-49-2	ppm-Al	77.6		119		127		142		190		196		306	U	408	U	82.2		83.9	
Silver	7440-22-4	ppm-Al	285		558		493		160		195		308		69.7		8.5	U	359		435	
Sodium	7440-23-5	ppm-Al	535000		349000		362000		339000		317000		341000		572000		259000		503000		431000	
Thallium	7440-28-0	ppm-Al	15.1		29.5		29.9		32.2		41.1		79.1		10.1		10.2		18.8		21.3	
Titanium	7440-32-6	ppm-Al	32800		28400		28700		30300		27100		25600		61200		47300		30400		29000	
Vanadium	7440-62-2	ppm-Al	2480		4450		3970		2400		2510		3270		4370		2870		2640		2830	
Zinc	7440-66-6	ppm-Al	39100		69000		64600		38200		53200		77800		8500		7620		32000		36700	

Table B-3
Aluminum-Normalized Inorganics

			Location ID		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018	
			Sample Name		08A-017-C1_(7.5-9.5)_N		08A-017-C1_(9.5-11.5)_N		08A-017-C3_(0.5-1.5)_N		08A-017-C3_(0-0.5)_N		08A-017-C3_(1.5-2.5)_N		08A-017-C3_(2.5-3.5)_N		08A-018-C1_(1.5-2.5)_N		08A-018-C1_(11.5-13.5)_N		08A-018-C1_(3.5-5.5)_N		08A-018-C1_(5.5-7.5)_N	
			Date Collected		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008	
			Depth		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		1.5-2.5		2.5-3.5		1.5-2.5		11.5-13.5		3.5-5.5		5.5-7.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																								
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	69.6		100		50		62.6		58.8		56.3		46.3		5.7		237		253			
Arsenic	7440-38-2	ppm-Al	1160		1910		819		781		912		841		704		136		2010		3540			
Barium	7440-39-3	ppm-Al	11600		14300		8990		8970		10700		9740		10800		5410		23500		26200			
Beryllium	7440-41-7	ppm-Al	51.4		53.7		52.1		54.3		54.1		51		50.9		51.5		50		56.4			
Cadmium	7440-43-9	ppm-Al	450		760		281		307		354		331		325		5.1		918		477			
Calcium	7440-70-2	ppm-Al	407000		406000		418000		467000		475000		447000		369000		79500		451000		502000			
Chromium	7440-47-3	ppm-Al	18800		32400		10900		10200		14200		12800		9630		1680		38000		25800			
Cobalt	7440-48-4	ppm-Al	770		766		790		830		777		781		731		591		871		934			
Copper	7440-50-8	ppm-Al	17200		24000		12800		13600		14300		13900		13200		835		24900		25600			
Iron	7439-89-6	ppm-Al	2200000		1980000		2350000		2450000		2340000		2350000		2140000		1040000		1880000		2290000			
Lead	7439-92-1	ppm-Al	22200		27100		17800		19100		18500		18100		19700		516		40100		39800			
Magnesium	7439-95-4	ppm-Al	484000		422000		553000		621000		547000		563000		457000		260000		401000		435000			
Manganese	7439-96-5	ppm-Al	29500		24200		33000		31700		34100		32600		28500		14100		22200		26400			
Mercury	7439-97-6	ppm-Al	327		559		205				289		239		251		1.1		611		451			
Nickel	7440-02-0	ppm-Al	2840		3510		2590		2830		2800		2770		2630		1040		4260		3540			
Potassium	7440-09-7	ppm-Al	155000		137000		177000		188000		179000		173000		132000		76700		133000		146000			
Selenium	7782-49-2	ppm-Al	93.2		103		65.2		77.5		67.6		86.1		176		148		211		285			
Silver	7440-22-4	ppm-Al	442		533		294		253		380		316		271		3.9		429		212			
Sodium	7440-23-5	ppm-Al	377000		315000		613000		927000		524000		536000		478000		208000		426000		369000			
Thallium	7440-28-0	ppm-Al	20.7		26		18.7		18.1		18.7		18.9		16.2		6.5		25.4		45.1			
Titanium	7440-32-6	ppm-Al	28300		26600		32400		36200		31600		30700		34100		35200		29900		30200			
Vanadium	7440-62-2	ppm-Al	2870		3690		2640		2770		2680		2570		2570		2630		7820		3520			
Zinc	7440-66-6	ppm-Al	38900		51700		34100		38200		33200		32100		35200		3060		68700		60600			

Table B-3
Aluminum-Normalized Inorganics

		Location ID	2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019	
		Sample Name	08A-018-C1_(7.5-9.5)_N		08A-018-C1_(9.5-11.5)_N		08A-018-C2_(0.5-1.5)_N		08A-018-C2_(0-0.5)_N		08A-018-C2_(2.5-3.5)_N		08A-019-C1_(0.5-1.5)_N		08A-019-C1_(0-0.5)_N		08A-019-C1_(1.5-2.5)_N		08A-019-C1_(2.5-3.5)_N		08A-019-C1_(3.5-5.27)_N	
		Date Collected	11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		9/24/2008		9/24/2008		9/24/2008		9/24/2008		9/24/2008	
		Depth	7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		2.5-3.5		0.5-1.5		0.0-0.5		1.5-2.5		2.5-3.5		3.5-5.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	75.8		6.2	U	69.7		75		127		40.4		214		39.6		63.4		78.2	
Arsenic	7440-38-2	ppm-Al	1860		395		592		621		1090		603		1680		723		744		764	
Barium	7440-39-3	ppm-Al	11600		3240		9540		9220		14700		12900		15000		11500		12300		15200	
Beryllium	7440-41-7	ppm-Al	48.2		42.9		46.6		48.4		51.8		53.6		76.6		50		48.4		45.9	
Cadmium	7440-43-9	ppm-Al	123		18.9		253		237		895		362		714		396		610		812	
Calcium	7440-70-2	ppm-Al	222000		154000		364000		436000		389000		372000		1020000		479000		492000		365000	
Chromium	7440-47-3	ppm-Al	9660		2110		7700		7540		29800		8750		12200		12100		24300		27300	
Cobalt	7440-48-4	ppm-Al	816		785		697		736		1000		750		1220		742		1010		1010	
Copper	7440-50-8	ppm-Al	11100		998		11800		11600		31000		13600		18900		14100		21800		24800	
Iron	7439-89-6	ppm-Al	2300000		2100000		1950000		2170000		1720000		1700000		3720000		1720000		1530000		1460000	
Lead	7439-92-1	ppm-Al	19100		665		17100		17400		36600		22100		41600		21300		28200		39800	
Magnesium	7439-95-4	ppm-Al	448000		375000		463000		509000		397000		437000		1040000		453000		367000		344000	
Manganese	7439-96-5	ppm-Al	25200		18400		37100		30400		22700		30400		37700		32100		26200		27600	
Mercury	7439-97-6	ppm-Al	183		2.4								199				250		413			
Nickel	7440-02-0	ppm-Al	2380		1480		2390		2280		5430		2650		3680		2760		5760		5520	
Potassium	7440-09-7	ppm-Al	157000		129000		128000		144000		126000		120000		238000		140000		116000		92700	
Selenium	7782-49-2	ppm-Al	209		173		164		164		185		95.6		285		94.3		87.2		97	
Silver	7440-22-4	ppm-Al	71.1		2.3	U	214		163		516		395		219		392		539		503	
Sodium	7440-23-5	ppm-Al	318000		417000		473000		545000		477000		735000		2860000		574000		451000		401000	
Thallium	7440-28-0	ppm-Al	20.4		7.2		14.1		15.3		31.9		15.9		37.5		18.6		21.5		20.2	
Titanium	7440-32-6	ppm-Al	32500		32900		33400		37300		28600		27000		42900		27500		30200		26400	
Vanadium	7440-62-2	ppm-Al	2580		2590		2300		2340		5990		2340		3630		2330		2620		2840	
Zinc	7440-66-6	ppm-Al	21800		4380		31800		35800		74700		34800		95400		32600		52600		64800	

Table B-3
Aluminum-Normalized Inorganics

			Location ID	2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020	
			Sample Name	08A-019-D1_(0.07-0.16)_N		08A-019-D1_(0.16-0.33)_N		08A-019-D1_(0.33-0.98)_N		08A-019-D1_(0.98-1.97)_N		08A-019-D1_(0-0.07)_N		08A-020-C2_(1.5-2.5)_N		08A-020-C2_(3.5-5.5)_N		08A-020-C2_(5.5-7.5)_N		08A-020-C2_(7.5-9.5)_N		08A-020-C2_(9.5-11.5)_N	
			Date Collected	12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		11/4/2008		11/4/2008		11/4/2008		11/4/2008		11/4/2008	
			Depth	0.1-0.2		0.2-0.3		0.3-1.0		1.0-2.0		0.0-0.1		1.5-2.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																							
Aluminum	7429-90-5	ppm-Al		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al		106		135		64.2		76.7		88		75.2		128		160		170		140	
Arsenic	7440-38-2	ppm-Al		660		1100		577		767		707		979		2260		5580		2810		2120	
Barium	7440-39-3	ppm-Al		11900		14000		12400		12300		9400		12000		15400		19000		27400		19600	
Beryllium	7440-41-7	ppm-Al		49		55.8		44.3		45.9		47.9		48.6		45.8		55		51.2		49.1	
Cadmium	7440-43-9	ppm-Al		286		407		298		553		263		622		1010		1440		362		148	
Calcium	7440-70-2	ppm-Al		476000		828000		464000		387000		423000		450000		360000		264000		352000		620000	
Chromium	7440-47-3	ppm-Al		8510		10400		7880		17000		8130		24800		50900		57400		20800		13200	
Cobalt	7440-48-4	ppm-Al		805		917		810		750		700		1030		750		674		712		785	
Copper	7440-50-8	ppm-Al		13200		17700		13900		18100		12700		23800		30500		39400		24300		14900	
Iron	7439-89-6	ppm-Al		2090000		3130000		2060000		1640000		2020000		2000000		1660000		1830000		2150000		2080000	
Lead	7439-92-1	ppm-Al		19100		33200		20200		26800		17600											
Magnesium	7439-95-4	ppm-Al		529000		810000		482000		387000		566000		465000		366000		350000		454000		507000	
Manganese	7439-96-5	ppm-Al		28700		36500		35700		28800		29700		24800		18200		15900		25400		34100	
Mercury	7439-97-6	ppm-Al		116		148		134		327		114		458		948		875		513		275	
Nickel	7440-02-0	ppm-Al		2580		2790		2550		3270		2250		4870		4490		4200		2970		2800	
Potassium	7440-09-7	ppm-Al		162000		209000		144000		119000		183000		142000		118000		122000		156000		165000	
Selenium	7782-49-2	ppm-Al		94.3		159		73		93		100		193		198		317		281		257	
Silver	7440-22-4	ppm-Al		183		172		573		484		251		423		501		735		243		117	
Sodium	7440-23-5	ppm-Al		864000		2120000		688000		455000		1290000		466000		416000		415000		367000		258000	
Thallium	7440-28-0	ppm-Al		18.7		24.5		15.3		19.7		16.1		26.7		24.5		41.1		33		29.7	
Titanium	7440-32-6	ppm-Al		37300		44300		36000		27800		33000		31000		24600		24100		28200		29900	
Vanadium	7440-62-2	ppm-Al		2290		2960		2280		2550		2250		3200		8590		8920		3030		2500	
Zinc	7440-66-6	ppm-Al		38000		66400		43600		42800		35800		56200		69800		67200		50800		32300	

Table B-3
Aluminum-Normalized Inorganics

			Location ID	2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021	
			Sample Name	08A-020-C3_(0.5-1.5)_N		08A-020-C3_(0-0.5)_N		08A-020-C3_(2.5-3.5)_N		08A-021-C1_(0.5-1.5)_N		08A-021-C1_(1.5-2.5)_N		08A-021-C1_(3.5-5.5)_N		08A-021-C1_(5.5-7.5)_N		08A-021-C1_(7.5-9.5)_N		08A-021-C1_(9.5-11.4)_N		08A-021-C2_(0-0.5)_N	
			Date Collected	11/4/2008		11/4/2008		11/4/2008		11/6/2008		11/6/2008		11/6/2008		11/6/2008		11/6/2008		11/6/2008		11/6/2008	
			Depth	0.5-1.5		0.0-0.5		2.5-3.5		0.5-1.5		1.5-2.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.4		0.0-0.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	Y		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																							
Aluminum	7429-90-5	ppm-Al		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al		39.7		44.1		99.4		365		76.1		105		114		99.5		97.1		74.1	
Arsenic	7440-38-2	ppm-Al		862		772		1330		910		739		3030		2770		5550		3980		802	
Barium	7440-39-3	ppm-Al		7910		7740		13600		15600		12900		17100		17700		18800		16800		11800	
Beryllium	7440-41-7	ppm-Al		48.1		48.8		59		92.7		58.9		54.4		55.1		58.2		56.5		56.8	
Cadmium	7440-43-9	ppm-Al		285		250		903		871		768		1040		1330		978		711		410	
Calcium	7440-70-2	ppm-Al		373000		398000		355000		1510000		634000		489000		345000		281000		395000		609000	
Chromium	7440-47-3	ppm-Al		11000		9290		32900		20300		16000		56000		60800		60400		29600		10600	
Cobalt	7440-48-4	ppm-Al		761		772		779		2060		951		791		683		670		740		914	
Copper	7440-50-8	ppm-Al		12500		11300		24800		45000		22700		29900		35900		38100		25800		17000	
Iron	7439-89-6	ppm-Al		2030000		2210000		1730000		2680000		1910000		2010000		1990000		1920000		2050000		2620000	
Lead	7439-92-1	ppm-Al								39300		30600		29700		34700		36900		24500		23000	
Magnesium	7439-95-4	ppm-Al		503000		555000		388000		590000		430000		462000		416000		371000		448000		651000	
Manganese	7439-96-5	ppm-Al		29600		27500		18600		37400		27400		24100		19700		18000		26900		41300	
Mercury	7439-97-6	ppm-Al						446		264		235		785		819		797		647			
Nickel	7440-02-0	ppm-Al		2640		2680		4020		9900		4240		4530		3850		3630		3130		2900	
Potassium	7440-09-7	ppm-Al		157000		166000		118000		157000		127000		153000		142000		129000		135000		176000	
Selenium	7782-49-2	ppm-Al		185		205		208		138		91.5		157		181		231		156		129	
Silver	7440-22-4	ppm-Al		260		197		481		641		399		533		727		676		390		191	
Sodium	7440-23-5	ppm-Al		497000		614000		431000		600000		465000		574000		545000		542000		388000		1220000	
Thallium	7440-28-0	ppm-Al		17.6		15.2		26.2		25.3		16.3		28.1		29		42.1		34.7		20	
Titanium	7440-32-6	ppm-Al		28500		32100		28200		37700		31600		26500		27900		25300		26900		35600	
Vanadium	7440-62-2	ppm-Al		2670		2610		5490		2740		2920		4920		5360		4040		2980		2620	
Zinc	7440-66-6	ppm-Al		29100		30500		63200		107000		51900		67400		60800		66500		58400		45300	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	2008 CLRC-021		AK001		AK001		AK001		AK001		AK001		AK02SED087		AK02SED087		AK02SED087		AK02SED087	
		Sample Name	08A-021-C2_(2.5-3.5)_N		6JMS00001		6JMS00002		6JMS00003		6JMS00004		6JMS00005		AK02SED087C-01		AK02SED087C-02		AK02SED087C-03		AK02SED087C-04	
		Date Collected	11/6/2008		9/22/1998		9/22/1998		9/22/1998		9/22/1998		9/22/1998		11/27/2007		11/27/2007		11/27/2007		11/27/2007	
		Depth	2.5-3.5		0.0-1.6		1.6-2.0		2.0-3.3		3.3-4.3		4.3-6.2		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	79.7		588		380		525		214		523		382	U	345	U	361	U	371	U
Arsenic	7440-38-2	ppm-Al	1600		5340		9260		13300		10400		16000		2030		1950		1950		2430	
Barium	7440-39-3	ppm-Al	14800		56000		37700		55400		14100		99200		20300		17400		18600		22600	
Beryllium	7440-41-7	ppm-Al	51.4		68.4		78.5		72.1		67.6		73.5		59.1		54.2		59.2		58.8	
Cadmium	7440-43-9	ppm-Al	802		1090		590		680		128		826		183		202		314		553	
Calcium	7440-70-2	ppm-Al	412000		357000		536000		347000		219000		371000		352000		354000		434000		346000	
Chromium	7440-47-3	ppm-Al	32800		25700		15900		21700		7330		19700		9190		9310		10100		12900	
Cobalt	7440-48-4	ppm-Al	731		1180		1270		1180		936		1180		645		660		692		659	
Copper	7440-50-8	ppm-Al	24000		70500		39600		55700		24600		77300		19800		20300		22100		31600	
Iron	7439-89-6	ppm-Al	1700000		2500000		2540000		2770000		2420000		2640000		2320000		2270000		2310000		2360000	
Lead	7439-92-1	ppm-Al	34700		35000		24500		37500		21900		57600		14100		14200		14000		17600	
Magnesium	7439-95-4	ppm-Al	397000		571000		610000		573000		473000		539000		548000		522000		528000		513000	
Manganese	7439-96-5	ppm-Al	25300		21200		32600		26100		23600		23000		26400		28000		29200		22600	
Mercury	7439-97-6	ppm-Al													349		296		361		512	
Nickel	7440-02-0	ppm-Al	3620		4460		3500		3780		2650		3700		2670		2730		2620		3100	
Potassium	7440-09-7	ppm-Al	122000		221000		238000		219000		195000		209000		259000		199000		204000		194000	
Selenium	7782-49-2	ppm-Al	126		634		248		525		466		1480		382	U	345	U	361	U	371	U
Silver	7440-22-4	ppm-Al	452		640		264		402		242		439		306		379		402		529	
Sodium	7440-23-5	ppm-Al	509000		956000		698000		877000		587000		864000		887000		655000		651000		671000	
Thallium	7440-28-0	ppm-Al	24.5		670		628		598		267		614		14.5		13.8		16		17.6	
Titanium	7440-32-6	ppm-Al	27000												31700		29600		30500		30000	
Vanadium	7440-62-2	ppm-Al	4570		4590		3650		3820		3670		3380		3180		3180		3350		3340	
Zinc	7440-66-6	ppm-Al	62100		53300		33100		43400		24900		52500		24200		23200		26400		31600	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK999		AK999		AKA07		ARK07	
		Sample Name	AK02SED087C-05		AK02SED087C-06		AK02SED087C-07		AK02SED087C-08		AK02SED087C-09		AK02SED087C-10		1JMS00115		1JMS00158		1JMS00008		1JMS00151	
		Date Collected	11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		6/23/2000		8/30/2000		7/13/1999		8/30/2000	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-14.5		0.0-0.3		0.0-0.3		0.0-0.3		0.0-0.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	333	U	341	U	347	U	370	U	252		357	U	62.9	U	197		78.4		69.6	U
Arsenic	7440-38-2	ppm-Al	2570		2760		5080		29300		16900		13500		1940		2040		7650		1480	
Barium	7440-39-3	ppm-Al	27400		28100		147000		233000		113000		106000		19800		21700		54100		24700	
Beryllium	7440-41-7	ppm-Al	60		60.4		54.9		45.3		74.1		57.4		80		57.6		85		60.1	
Cadmium	7440-43-9	ppm-Al	774		681		850		1270		452		341		394		409		248		158	
Calcium	7440-70-2	ppm-Al	332000		324000		528000		1290000		586000		466000		285000		290000		407000		646000	
Chromium	7440-47-3	ppm-Al	13700		15900		24700		28800		18100		18800		10300		10800		11500		7910	
Cobalt	7440-48-4	ppm-Al	689		692		775		945		763		744		691		712		902		810	
Copper	7440-50-8	ppm-Al	35200		42600		54000		92300		62700		48300		24900		27300		39200		18200	
Iron	7439-89-6	ppm-Al	2260000		2300000		2310000		2220000		2610000		2870000		2160000		2230000		2650000		2410000	
Lead	7439-92-1	ppm-Al	19700		21800		30900		28500		88100		57400		16300		16100		62200		14600	
Magnesium	7439-95-4	ppm-Al	487000		492000		584000		884000		494000		403000		450000		492000		503000		633000	
Manganese	7439-96-5	ppm-Al	22600		21800		22500		23900		19900		23500		22100		22700		24500		31800	
Mercury	7439-97-6	ppm-Al	789		1120		4240		24100		3300		1950		371		386		248		285	
Nickel	7440-02-0	ppm-Al	3330		3650		4350		4670		3430		3170		2900		2840		3850		3170	
Potassium	7440-09-7	ppm-Al	189000		188000		183000		145000		181000		167000		238000		239000		233000		261000	
Selenium	7782-49-2	ppm-Al	333	U	341	U	341		425		467		457		149		197		928		146	U
Silver	7440-22-4	ppm-Al	501		703		705		453		215		163		371		417		209		310	
Sodium	7440-23-5	ppm-Al	609000		632000		659000		746000		556000		502000		543000		599000		739000		766000	
Thallium	7440-28-0	ppm-Al	18.2		18.1		17.9		10.5		14.8		17.1		109	U	98.5	U	124	U	127	U
Titanium	7440-32-6	ppm-Al	31000		33000		31900		27100		30300		27700									
Vanadium	7440-62-2	ppm-Al	3630		3740		4400		4520		3620		3200		3280		3460		3080		3650	
Zinc	7440-66-6	ppm-Al	36200		41900		49100		53600		49600		36200		27800		28600		47300		24100	

		Location ID	DNS-01		DNS-01B		DNS-01B		DNS-01B		DNS-02		DNS-02		DNS-02		DNS-02		DNS-02		DNS-03	
		Sample Name	DNS1135		DNS1B05		DNS1B25		DNS1B51		DNS2005		DNS2051		DNS2185		DNS2205		DNS2295		DNS3005	
		Date Collected	11/23/2005		11/23/2005		11/23/2005		11/23/2005		11/16/2005		11/16/2005		11/18/2005		11/18/2005		11/18/2005		11/18/2005	
		Depth	13.5-14.0		0.0-0.5		2.5-3.0		0.5-1.0		0.0-0.5		0.5-1.0		18.5-19.0		20.5-21.0		29.5-30.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	31.9	U	338		466		518		41.2	U	148	U	41.3	U	82.7		102	U	268	
Arsenic	7440-38-2	ppm-Al	388		546		425		619		529		269		339		337		480		382	
Barium	7440-39-3	ppm-Al	13600		8790		7600		5890		8680		7640		9630		16100		44400		9110	
Beryllium	7440-41-7	ppm-Al	54.6		100		68.8		117		75.5		3.7	U	75.2		82.7		93.2		76.4	
Cadmium	7440-43-9	ppm-Al	3.2	U	33.6		13.4	U	51.8		3.9	U	14.8	U	3.7	U	4.1	U	11.3	U	4.1	U
Calcium	7440-70-2	ppm-Al	1120000		6760000		4520000		21800000		514000		952000		1620000		1630000		4940000		1150000	
Chromium	7440-47-3	ppm-Al	1520		7660		5030		5740		4070		6570		1800		1750		2540		1830	
Cobalt	7440-48-4	ppm-Al	857		572		497		241		941		923		1010		1080		1410		1070	
Copper	7440-50-8	ppm-Al	1740		6550		4450		5570		3280		3870		1760		1950		1690		1870	
Iron	7439-89-6	ppm-Al	1870000		3090000		1570000		2710000		2140000		2290000		2170000		2220000		2090000		2200000	
Lead	7439-92-1	ppm-Al	535		9910		6130		6310		11400		4280		1350		1500		1980		1410	
Magnesium	7439-95-4	ppm-Al	603000		3630000		4790000		14900000		613000		705000		678000		674000		1010000		676000	
Manganese	7439-96-5	ppm-Al	46600		55900		41800		86900		38100		39900		55100		56200		102000		52800	
Mercury	7439-97-6	ppm-Al	0	U	52.6		0	U	0		31.5		0	U	0	U	0	U	0	U	3.5	
Nickel	7440-02-0	ppm-Al	1700		1950		1500		819		2040		2400		1950		1990		2430		1980	
Potassium	7440-09-7	ppm-Al	233000		326000		165000		356000		216000		210000		227000		212000		347000		232000	
Selenium	7782-49-2	ppm-Al	33.2	U	351		137	U	538		43.1	U	406		147		123		107	U	114	
Silver	7440-22-4	ppm-Al	7.7	U	81		31.5	U	125		75.5		36.9	U	75.2		82.7		93.2		114	
Sodium	7440-23-5	ppm-Al	23800		871000		479000		1130000		279000		347000		27200		29300		42900		190000	
Thallium	7440-28-0	ppm-Al	51.4	U	543		211	U	832		66.7	U	236	U	66.1	U	73.5	U	164	U	66.7	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	2220		3970		2290		2470		2260		3100		2440		2490		3110		2440	
Zinc	7440-66-6	ppm-Al	4610		25900		11200		17800		11800		11100		4830		5320		7970		5150	

		Location ID	DNS-03		DNS-03		DNS-04		DNS-04		DNS-04B		DNS-05		DNS-05		DNS-05		DNS-06		DNS-06B	
		Sample Name	DNS3051		DNS3859		DNS4005		DNS4051		DNS4B29		DNS5005		DNS5051		DNS5C27		DNS601		DNS6B05	
		Date Collected	11/18/2005		11/18/2005		11/16/2005		11/16/2005		11/22/2005		11/21/2005		11/21/2005		11/22/2005		11/16/2005		11/21/2005	
		Depth	0.5-1.0		8.5-9.0		0.0-0.5		0.5-1.0		29.0-29.5		0.0-0.5		0.5-1.0		27.0-27.5		0.0-1.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	26.8	U	245		112	U	679		35.7	U	113		81.4		31.1	U	478		602	
Arsenic	7440-38-2	ppm-Al	421		245		622		869		263		371		291		309		1800		5820	
Barium	7440-39-3	ppm-Al	9730		12900		11900		11500		14700		8870		8900		14500		10900		39500	
Beryllium	7440-41-7	ppm-Al	49.2		70.9		311		160		63.5		88.1		52.3		59.9		189		154	
Cadmium	7440-43-9	ppm-Al	2.7	U	3.6	U	12	U	9.4	U	3.6	U	3.1	U	2.9	U	3.1	U	10.9	U	308	
Calcium	7440-70-2	ppm-Al	765000		1660000		10600000		5470000		1390000		1560000		460000		1120000		9700000		15900000	
Chromium	7440-47-3	ppm-Al	1620		1840		11200		10600		1620		1990		1520		1530		8610		12400	
Cobalt	7440-48-4	ppm-Al	984		1090		1960		1890		931		1050		971		887		2460		2610	
Copper	7440-50-8	ppm-Al	1820		1760		27300		37000		1850		4620		1940		1710		35700		13500	
Iron	7439-89-6	ppm-Al	2080000		2260000		2660000		2950000		1990000		2080000		1960000		1910000		5260000		11400000	
Lead	7439-92-1	ppm-Al	1260		1450		30600		47000		629		8990		1210		607		55000		46500	
Magnesium	7439-95-4	ppm-Al	601000		687000		859000		759000		645000		608000		616000		610000		920000		4550000	
Manganese	7439-96-5	ppm-Al	46000		57600		51700		52400		52800		47800		44500		47200		78000		108000	
Mercury	7439-97-6	ppm-Al	0	U	0	U	140		0	U	0	U	2.6		0	U	0	U	0	U	121	
Nickel	7440-02-0	ppm-Al	1900		2050		8160		7330		1820		2550		1910		1770		15200		5990	
Potassium	7440-09-7	ppm-Al	175000		215000		229000		200000		234000		202000		178000		233000		309000		227000	
Selenium	7782-49-2	ppm-Al	98.4		173		117	U	321		37.1	U	170		157		32.3	U	283		2010	
Silver	7440-22-4	ppm-Al	98.4		109		206		101		8.6	U	88.1		81.4		7.5	U	189		602	
Sodium	7440-23-5	ppm-Al	59000		28900		689000		476000		25600		173000		131000		20500		641000		729000	
Thallium	7440-28-0	ppm-Al	43.2	U	61.8	U	182	U	141	U	57.3	U	49.7	U	45.9	U	49.9	U	165	U	602	
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	2160		2470		3520		3890		2830		2160		1990		2290		13000		4620	
Zinc	7440-66-6	ppm-Al	4600		5050		139000		109000		4980		16300		4800		4870		162000		47200	

		Location ID	DNS-06B		DNS-06B		DNS-06B		DNS-07		DNS-08		DNS-08		DNS-08		DRB-04		DRB-04		DRB-05	
		Sample Name	DNS6B12		DNS6B2		DNS6B37		DNS7005		DNS8005		DNS8051		DNS8335		DRB4005		DRB4051		DRB5005	
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/23/2005		11/16/2005		11/16/2005		11/30/2005		11/16/2005		11/16/2005		11/16/2005	
		Depth	12.5-13.0		2.0-2.5		37.0-37.5		0.0-0.5		0.0-0.5		0.5-1.0		3.0-3.5		0.0-0.5		0.5-1.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	68.7		114		83.9		51.5	U	424		201		62.3	U	68.4	U	100	U	374	
Arsenic	7440-38-2	ppm-Al	244		370		335		321		2200		1450		5750		561		830		1270	
Barium	7440-39-3	ppm-Al	9160		6200		9350		17800		10400		9200		12600		3860		4260		13100	
Beryllium	7440-41-7	ppm-Al	68.7		46.2		56.1		69.8		84.8		69		71.4		61.7		91.7		47.3	
Cadmium	7440-43-9	ppm-Al	3.8	U	2.7	U	3.2	U	5.2	U	9.6	U	7.2	U	6.2	U	6.7	U	10.4	U	5.3	U
Calcium	7440-70-2	ppm-Al	727000		560000		781000		2940000		6970000		4480000		615000		286000		339000		505000	
Chromium	7440-47-3	ppm-Al	1510		1460		1450		2810		26800		17000		17000		2050		2130		13600	
Cobalt	7440-48-4	ppm-Al	931		929		948		992		1430		1450		911		930		1020		939	
Copper	7440-50-8	ppm-Al	1790		2070		1870		1760		10300		11800		20400		2240		1760		8400	
Iron	7439-89-6	ppm-Al	2000000		1970000		1850000		2120000		5860000		4530000		2540000		2240000		2680000		2210000	
Lead	7439-92-1	ppm-Al	1310		1230		1120		938		30800		19100		23300		1370		1760		9310	
Magnesium	7439-95-4	ppm-Al	591000		620000		597000		712000		894000		747000		606000		496000		548000		578000	
Manganese	7439-96-5	ppm-Al	46400		43800		46700		67700		51100		50400		47000		80600		78700		33700	
Mercury	7439-97-6	ppm-Al	0	U	0	U	0.52	U	0	U	617		0	U	0	U	3		0	U	91.6	
Nickel	7440-02-0	ppm-Al	1820		1920		1870		2310		6150		5110		2580		1680		1850		2260	
Potassium	7440-09-7	ppm-Al	181000		186000		174000		278000		322000		269000		196000		206000		197000		216000	
Selenium	7782-49-2	ppm-Al	107		141		168		53.5	U	597		489		164		70.6	U	363		137	
Silver	7440-22-4	ppm-Al	68.7		70.7		83.9		12.4	U	328		201		348		61.7		91.7		137	
Sodium	7440-23-5	ppm-Al	35000		124000		17100		71300		522000		399000		353000		528000		671000		418000	
Thallium	7440-28-0	ppm-Al	60.3	U	40.8	U	49	U	82.6	U	148	U	122	U	100	U	109	U	163	U	84	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	2030		1900		1870		2530		8090		4570		2310		2540		2680		2310	
Zinc	7440-66-6	ppm-Al	4400		4500		4390		5960		36000		22300		28600		4980		5640		22000	

		Location ID	DRB-05		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED084		ER02SED084	
		Sample Name	DRB5051		ER02SED083G-01		ER02SED083G-02		ER02SED083G-03		ER02SED083G-04		ER02SED083G-05		ER02SED083G-06		ER02SED083G-07		ER02SED084D-01		ER02SED084D-02	
		Date Collected	11/16/2005		12/3/2007		12/3/2007		12/3/2007		12/3/2007		12/3/2007		12/3/2007		12/3/2007		11/30/2007		11/30/2007	
		Depth	0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	259		29500		10600		9250		59100		2560		276	U	277	U	624	U	526	U
Arsenic	7440-38-2	ppm-Al	1310		2010		1470		1830		2700		532		371		20.5		675		716	
Barium	7440-39-3	ppm-Al	15300		27200		23800		24300		50500		9440		8880		8580		10900		12800	
Beryllium	7440-41-7	ppm-Al	43.9		53		50.6		49.7		53.2		54		57.8		67		42.7		55.2	
Cadmium	7440-43-9	ppm-Al	5	U	544		840		816		727		177		11.2		13.4		316		543	
Calcium	7440-70-2	ppm-Al	485000		940000		432000		463000		570000		135000		47200		104000		574000		519000	
Chromium	7440-47-3	ppm-Al	14800		20700		15600		24100		9610		2000		1770		1970		6380		9140	
Cobalt	7440-48-4	ppm-Al	871		993		776		823		981		871		957		884		744		733	
Copper	7440-50-8	ppm-Al	9140		37000		30100		38800		25600		2060		948		1260		28400		28100	
Iron	7439-89-6	ppm-Al	2250000		2870000		2350000		3040000		3840000		2270000		2190000		2080000		2170000		2250000	
Lead	7439-92-1	ppm-Al	10900		67100		43500		60700		49000		11900		853		946		33200		42600	
Magnesium	7439-95-4	ppm-Al	587000		533000		485000		509000		584000		401000		435000		588000		648000		592000	
Manganese	7439-96-5	ppm-Al	34200		20600		19800		24900		29600		21100		12500		15900		17000		20000	
Mercury	7439-97-6	ppm-Al	0	U	383		615		796		234		1.1	U	1.2	U	1.2	U	94		138	
Nickel	7440-02-0	ppm-Al	2310		9870		5790		6010		5010		1650		1670		2130		3710		3980	
Potassium	7440-09-7	ppm-Al	209000		193000		187000		196000		203000		156000		160000		247000		199000		186000	
Selenium	7782-49-2	ppm-Al	396		154		147		143		116		32.3		28.4		23.2		111		121	
Silver	7440-22-4	ppm-Al	173		315		705		544		142		3.7		1.4		1.3		256		388	
Sodium	7440-23-5	ppm-Al	463000		698000		718000		728000		661000		378000		175000		158000		1190000		931000	
Thallium	7440-28-0	ppm-Al	79.1	U	19.5		16.7		19.7		25.8		10.5		10.3		14.3		13.7		15.5	
Titanium	7440-32-6	ppm-Al			34400		29200		33100		30800		24800		25300		32700		40300		37800	
Vanadium	7440-62-2	ppm-Al	2350		4090		3760		4220		4080		2630		2920		2400		4090		3910	
Zinc	7440-66-6	ppm-Al	22100		55100		51600		56200		42100		7760		3690		4710		57800		54100	

		Location ID	ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		G0000004		G0000004		G0000004	
		Sample Name	ER02SED084D-03		ER02SED084D-04		ER02SED084D-05		ER02SED084D-06		ER02SED084D-07		ER02SED084D-08		ER02SED084D-09		LPRP-SCSH-PSR-000990		LPRP-SCSH-PSR-000991		LPRP-SCSH-PSR-000992	
		Date Collected	11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		9/19/2005		9/19/2005		9/19/2005	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.3		0.3-0.5		0.5-0.7	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	515	U	393	U	410	U	443	U	308	U	186	U	216	U	225	U	229	U	198	U
Arsenic	7440-38-2	ppm-Al	861		636		1030		1360		585		273		18.7		779		752		770	
Barium	7440-39-3	ppm-Al	14300		14700		15200		16800		3160		6020		3520		7520		9820		8250	
Beryllium	7440-41-7	ppm-Al	53.5		37.4		51.4		61.3		49.4		35.4		55.2		42		67.9		46	
Cadmium	7440-43-9	ppm-Al	594		374		514		953		21.7		8.1		9.7		225		303		294	
Calcium	7440-70-2	ppm-Al	490000		410000		515000		448000		122000		35800		52200		509000		513000		468000	
Chromium	7440-47-3	ppm-Al	11900		7880		11400		13600		2220		1320		1560		6230		8620		7600	
Cobalt	7440-48-4	ppm-Al	713		645		733		868		704		938		709		594		780		667	
Copper	7440-50-8	ppm-Al	28500		18900		24400		28200		1390		919		970		10200		13000		11700	
Iron	7439-89-6	ppm-Al	2160000		1770000		2100000		2630000		2140000		1530000		1580000		2560000		2390000		2340000	
Lead	7439-92-1	ppm-Al	47600		35400		37000		54200		1990		646		694		13500		18300		14800	
Magnesium	7439-95-4	ppm-Al	540000		447000		503000		496000		428000		450000		500000		680000		662000		600000	
Manganese	7439-96-5	ppm-Al	20400		16500		19800		20000		23600		12000		12800		31100		38600		37900	
Mercury	7439-97-6	ppm-Al	168		92.5		33.3		321		9.5		1.2		0.69	U	184		183		151	
Nickel	7440-02-0	ppm-Al	4310		3760		7030		7210		1450		1600		1810		1860		2470		2060	
Potassium	7440-09-7	ppm-Al	184000		156000		181000		175000		177000		164000		174000		206000		211000		191000	
Selenium	7782-49-2	ppm-Al	119		56.1		87.6		113		26.5		4.7		1.3	U	113	U	119	U	95.2	U
Silver	7440-22-4	ppm-Al	495		271		410										174		248		214	
Sodium	7440-23-5	ppm-Al	868000		514000		550000		630000		315000		124000		120000		931000		917000		697000	
Thallium	7440-28-0	ppm-Al	14.9		10.3		15.2		17.9		11.9		8.7		11.9		113	U	119	U	95.2	U
Titanium	7440-32-6	ppm-Al	33900		29400		30300		31700		24500		21700		25800		27000		29100		27900	
Vanadium	7440-62-2	ppm-Al	3950		3130		3500		4110		2690		1790		1900		1860				2020	
Zinc	7440-66-6	ppm-Al	50100		34000		51000		62400		4830		3730		4140		28700		37300		30700	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004	
		Sample Name	LPRP-SCSH-PSR-000993		LPRP-SCSH-PSR-000994		LPRP-SCSH-PSR-000995		LPRP-SCSH-PSR-000996		LPRP-SCSH-PSR-000997		LPRP-SCSH-PSR-000998		LPRP-SCSH-PSR-000999		LPRP-SCSH-PSR-001001		LPRP-SCSH-PSR-001002		LPRP-SCSH-PSR-001003	
		Date Collected	9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005	
		Depth	0.7-1.0		1.0-1.2		1.2-1.5		1.5-1.7		1.7-2.0		2.0-2.5		2.5-3.0		3.5-3.9		3.9-4.4		4.4-4.9	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	182	U	186	U	193	U	198	U	192	U	178	U	186	U	143	U	161	U	146	U
Arsenic	7440-38-2	ppm-Al	720		822		868		966		846		852		1090		907		1090		1330	
Barium	7440-39-3	ppm-Al	7620		6160		6200		6450		2520		6410		8500		5970		12000		14500	
Beryllium	7440-41-7	ppm-Al	44.8		34.9		36.8		37.1		16.2		36.3		54.3		42.9		54		51.8	
Cadmium	7440-43-9	ppm-Al	238		163		158		198		84.6		215		293		230		693		861	
Calcium	7440-70-2	ppm-Al	469000		515000		453000		511000		431000		416000		490000		394000		464000		447000	
Chromium	7440-47-3	ppm-Al	7060		6160		6630		6980		2920		6510		9930		7700		17800		21100	
Cobalt	7440-48-4	ppm-Al	601		512		570		578		246		578		721		497		847		810	
Copper	7440-50-8	ppm-Al	10200		8140		8510		8880		4090		9480		12300		9250		20100		22000	
Iron	7439-89-6	ppm-Al	2280000		2290000		2330000		2460000		2400000		2330000		2490000		2270000		2150000		1930000	
Lead	7439-92-1	ppm-Al	13100		9840		10400		11400		4740		12100		16600		11500		29500		39800	
Magnesium	7439-95-4	ppm-Al	601000		633000		649000		686000		645000		626000		642000		552000		523000		465000	
Manganese	7439-96-5	ppm-Al	29300		24300		24900		28800		11300		29600		44500		25800		34000		27500	
Mercury	7439-97-6	ppm-Al	97.9		209		175		198		169		141		193		186		380		482	
Nickel	7440-02-0	ppm-Al	1940		1760		1990		2300		1080		2810		2870		1770		3570		3750	
Potassium	7440-09-7	ppm-Al	202000		213000				217000		204000		194000		209000		187000		153000		136000	
Selenium	7782-49-2	ppm-Al	90.9	U	45	U	96.5	U	94.8	U	100	U	88.9	U	67.9	U	40.4	U	94.9		131	
Silver	7440-22-4	ppm-Al	196		171		158		181		84.6		178		243		161		299		358	
Sodium	7440-23-5	ppm-Al	608000		595000		676000		647000		677000		585000		645000		422000		470000		441000	
Thallium	7440-28-0	ppm-Al	90.9	U	93	U	96.5	U	94.8	U	100	U	88.9	U	92.9	U	68.3	U	80.3	U	80.3	U
Titanium	7440-32-6	ppm-Al	24500		25000		25100		25300		24800		23200		24100		20500		24400		23400	
Vanadium	7440-62-2	ppm-Al	1840		1520		1620		1720		746		1790		2410		1530		2800		3100	
Zinc	7440-66-6	ppm-Al	25700		18400		19000		20400		9540		24400		31400		21200		50800		57500	

		Location ID	G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004	
		Sample Name	LPRP-SCSH-PSR-001004		LPRP-SCSH-PSR-001005		LPRP-SCSH-PSR-001006		LPRP-SCSH-PSR-001007		LPRP-SCSH-PSR-001008		LPRP-SCSH-PSR-001009		LPRP-SCSH-PSR-001010		LPRP-SCSH-PSR-001011		LPRP-SCSH-PSR-001012		LPRP-SCSH-PSR-001013	
		Date Collected	9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005	
		Depth	4.9-5.4		5.4-5.9		5.9-6.4		6.4-6.9		6.9-7.4		7.4-7.9		7.9-8.4		7.9-8.4		8.4-8.9		8.4-8.9	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	164	U	142	U	131	U	143	U	150	U	130	U	140	U	162	U	145	U	136	U
Arsenic	7440-38-2	ppm-Al	1260		1470		1370		1190		1170		1160		2180		2170		3030		2930	
Barium	7440-39-3	ppm-Al	12800		14100		12700		14100		13800		14200		15100		16500		16900		15900	
Beryllium	7440-41-7	ppm-Al	53.3		60		51.9		66.4		52		54.8		54.8		58.8		51.4		44.6	
Cadmium	7440-43-9	ppm-Al	842		948		844		979		890		1000		936		1010		1230		1200	
Calcium	7440-70-2	ppm-Al	465000		546000		574000		611000		609000		614000		553000		556000		575000		549000	
Chromium	7440-47-3	ppm-Al	19800		22200		19400		21100		20100		24100		40000		44900		49700		46900	
Cobalt	7440-48-4	ppm-Al	743		735		738		814		748		842		720		816		751		718	
Copper	7440-50-8	ppm-Al	19800		21700		17900		17800		17100		18100		23100		25700		27900		26600	
Iron	7439-89-6	ppm-Al	1930000		1950000		1940000		1910000		1890000		1880000		2080000		2090000		2170000		2150000	
Lead	7439-92-1	ppm-Al	36300		37700		33200		30700		31000		31600		30800		34900		32800		31200	
Magnesium	7439-95-4	ppm-Al	464000		468000		485000		500000		479000		503000		493000		501000		530000		482000	
Manganese	7439-96-5	ppm-Al	23000		25000		25500		29600		28900		30300		26000		29500		21500		20500	
Mercury	7439-97-6	ppm-Al	480		432		350		300		323		260		669		625		838		864	
Nickel	7440-02-0	ppm-Al	3190		3480		3180		3250		3130		3520		3530		3880		4090		3970	
Potassium	7440-09-7	ppm-Al	140000		140000		141000		151000		137000		149000		155000		165000		169000		159000	
Selenium	7782-49-2	ppm-Al	65.8	U	71		100		56.4		49.6	U	51.4	U	95.5		125		121		90.4	
Silver	7440-22-4	ppm-Al	355		348		406		329		315		308		299		324		318		311	
Sodium	7440-23-5	ppm-Al	489000		446000		405000		420000		371000		412000		385000		460000		827000		532000	
Thallium	7440-28-0	ppm-Al	78.9	U	71	U	68.8	U	71.4	U	73.2	U	68.5	U	70.1	U	80.9	U	75.1	U	67.8	U
Titanium	7440-32-6	ppm-Al	23400		23400		24600		22300		24300		21200		22900		23300		22900		22300	
Vanadium	7440-62-2	ppm-Al	2840		3120		2950		3100		2880		3080		3800		4390		4290		4020	
Zinc	7440-66-6	ppm-Al	53300		59400		47800		46500		45400		51200		55900		62100		77500		75100	

Table B-3
Aluminum-Normalized Inorganics

			Location ID		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004	
			Sample Name		LPRP-SCSH-PSR-001014		LPRP-SCSH-PSR-001015		LPRP-SCSH-PSR-001016		LPRP-SCSH-PSR-001017		LPRP-SCSH-PSR-001018		LPRP-SCSH-PSR-001019		LPRP-SCSH-PSR-001020		LPRP-SCSH-PSR-001021		LPRP-SCSH-PSR-001022		LPRP-SCSH-PSR-001023	
			Date Collected		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005	
			Depth		8.9-9.4		9.4-9.8		9.8-10.3		10.3-10.8		10.8-11.3		11.3-11.8		11.8-12.3		12.3-12.8		12.3-12.8		12.8-13.3	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																								
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al																						
Arsenic	7440-38-2	ppm-Al	3840		2680		3430		8540		8790		6140		5010		4190		4720		4470			
Barium	7440-39-3	ppm-Al																						
Beryllium	7440-41-7	ppm-Al																						
Cadmium	7440-43-9	ppm-Al																						
Calcium	7440-70-2	ppm-Al	592000		377000		391000		314000		386000		332000		374000		349000		399000		305000			
Chromium	7440-47-3	ppm-Al																						
Cobalt	7440-48-4	ppm-Al																						
Copper	7440-50-8	ppm-Al																						
Iron	7439-89-6	ppm-Al	2200000		1990000		2270000		2480000		2300000		2380000		2360000		2260000		2340000		2430000			
Lead	7439-92-1	ppm-Al																						
Magnesium	7439-95-4	ppm-Al	509000		432000		475000		461000		483000		503000		512000		516000		527000		516000			
Manganese	7439-96-5	ppm-Al																						
Mercury	7439-97-6	ppm-Al																						
Nickel	7440-02-0	ppm-Al																						
Potassium	7440-09-7	ppm-Al	168000		143000		172000		166000		170000		186000		181000		184000		191000		188000			
Selenium	7782-49-2	ppm-Al																						
Silver	7440-22-4	ppm-Al																						
Sodium	7440-23-5	ppm-Al	510000		447000		563000		547000		619000		559000		456000		418000		455000		488000			
Thallium	7440-28-0	ppm-Al																						
Titanium	7440-32-6	ppm-Al	20900		19900		19100		21100		20700		18100		20200		17200		16400		18000			
Vanadium	7440-62-2	ppm-Al																						
Zinc	7440-66-6	ppm-Al																						

		Location ID	G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000056		G0000058		G0000059	
		Sample Name	LPRP-SCSH-PSR-001024		LPRP-SCSH-PSR-001025		LPRP-SCSH-PSR-001026		LPRP-SCSH-PSR-001027		LPRP-SCSH-PSR-001028		LPRP-SCSH-PSR-001029		LPRP-SCSH-PSR-001030		LPRP-SCSH-PSR-001597		LPRP-SCSH-PSR-001599		LPRP-SCSH-PSR-001600	
		Date Collected	9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		12/11/2007		12/11/2007		12/11/2007	
		Depth	13.3-13.8		13.8-14.3		14.3-14.8		14.8-15.3		15.3-15.8		15.8-16.0		16.0-16.5		0.0-0.1		0.0-0.1		0.0-0.1	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al					156	U	158	U	174	U	296	U	12	U	104	U	109	U	111	U
Arsenic	7440-38-2	ppm-Al	3660		2300		3020		2750		2790		1800		398		536		525		524	
Barium	7440-39-3	ppm-Al					14900		31700		13100		11400		4340		6450		7530		11600	
Beryllium	7440-41-7	ppm-Al					38.3	U	44.7		41.9	U	71.4	U	112	U	47.2		45.5		47.9	
Cadmium	7440-43-9	ppm-Al					164		289		128		106		23.9		184		228		269	
Calcium	7440-70-2	ppm-Al	305000		565000		513000		459000		403000		495000		231000		361000		460000		894000	
Chromium	7440-47-3	ppm-Al					10900		19600		9420		7220		2510		6670		7170	U	7260	
Cobalt	7440-48-4	ppm-Al					391		667		360		714		757		616		653		853	
Copper	7440-50-8	ppm-Al					12300		21500		11400		9930		2630		8560		9500	U	12100	
Iron	7439-89-6	ppm-Al	2230000		2010000		2490000		2330000		2300000		2450000		2540000		1700000		1760000		2100000	
Lead	7439-92-1	ppm-Al					15100		30900		14900		11600		5260		11100		13200		27100	
Magnesium	7439-95-4	ppm-Al	487000		496000		595000		561000		527000		562000		506000		489000		487000		503000	
Manganese	7439-96-5	ppm-Al					15500		26300		12200		20700		15000		25100	U	23000		33500	
Mercury	7439-97-6	ppm-Al					289		307		233		143		22.3		112		109		165	
Nickel	7440-02-0	ppm-Al					1480		2410		1290		1850		1310		2040		2310		2840	U
Potassium	7440-09-7	ppm-Al	179000		136000		193000		196000		179000		172000		131000		188000		172000		145000	
Selenium	7782-49-2	ppm-Al					77.3	U	73.7		84.9	U	145	U	223	U	27.2	U	19.8		34.4	U
Silver	7440-22-4	ppm-Al					102		202		86		123		15.9		128		139		225	
Sodium	7440-23-5	ppm-Al	454000		377000		459000		428000		381000		291000		316000		684000		596000		482000	
Thallium	7440-28-0	ppm-Al					77.3	U	77.2	U	84.9	U	145	U	8	U	52	U	53.5	U	55.4	U
Titanium	7440-32-6	ppm-Al	16600		19400		15800		16100		19300		28800	U	44200	U	28800		34100		40400	
Vanadium	7440-62-2	ppm-Al					1310		2320		1100		1770		1750		2330		2570		2960	
Zinc	7440-66-6	ppm-Al					24800		46300		23400		19500		8610		25900		29500		40300	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	G0000174		G0000175		G0000175		G0000176		G0000176		G0000177		G0000177		G0000178		G0000178		G0000179	
		Sample Name	LPRP-SCSH-PSR-001676		LPRP-SCSH-PSR-001678		LPRP-SCSH-PSR-001679		LPRP-SCSH-PSR-001680		LPRP-SCSH-PSR-001681		LPRP-SCSH-PSR-001682		LPRP-SCSH-PSR-001683		LPRP-SCSH-PSR-001684		LPRP-SCSH-PSR-001685		LPRP-SCSH-PSR-001686	
		Date Collected	6/10/2008		6/10/2008		6/10/2008		6/10/2008		6/10/2008		6/10/2008		6/10/2008		6/10/2008		6/10/2008		6/10/2008	
		Depth	0.0-0.1		0.0-0.1		0.0-0.5		0.0-0.1		0.0-0.5		0.0-0.1		0.0-0.5		0.0-0.1		0.0-0.5		0.0-0.1	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	134	U	171	U	160	U	134	U	155	U	88.9	U	91.6	U	130	U	125	U	74.2	U
Arsenic	7440-38-2	ppm-Al	659		650		640		694		863		711		748		652		602		966	
Barium	7440-39-3	ppm-Al	10200		10300		10800		7790		8050		7190		7440		8040		8670		4900	
Beryllium	7440-41-7	ppm-Al	39.1		39.3		40.8		41.4		40.9		47.4		48.9		42		40.6		42.7	
Cadmium	7440-43-9	ppm-Al	168		214		192		179		210		67.4		50.4		145		148		77.5	
Calcium	7440-70-2	ppm-Al	487000		420000		442000		384000		375000		361000		405000		369000		362000		279000	
Chromium	7440-47-3	ppm-Al	6660		7260		6780		7710		8190		6000		6010		6340		6230		4910	
Cobalt	7440-48-4	ppm-Al	782		735		664		705		741		674		687		667		641		742	
Copper	7440-50-8	ppm-Al	9990		11200		10400		9980		9900		7010		6500		8770		8750		6030	
Iron	7439-89-6	ppm-Al	2160000		2010000		1920000		1950000		1890000		1850000		1860000		1780000		1830000		1880000	
Lead	7439-92-1	ppm-Al	17000		17100		15200		13100		13900		7850		7250		11700		12000		8010	
Magnesium	7439-95-4	ppm-Al	506000		472000		425000		497000		467000		510000		522000		457000		471000		422000	
Manganese	7439-96-5	ppm-Al	42100		40500		48100		25500		22100		28900		27000		35900		36800		23100	
Mercury	7439-97-6	ppm-Al	99.4		78.6		96		134		243		104		115		109		109		135	
Nickel	7440-02-0	ppm-Al	2380		2460		2250		2350		2500		2070		2070		2100		2030		1980	
Potassium	7440-09-7	ppm-Al	174000		171000		158000		189000		180000		220000		231000		184000		189000		181000	
Selenium	7782-49-2	ppm-Al	212		214		240		168		133		141		153		145		180		124	
Silver	7440-22-4	ppm-Al	134		137		136		157		254		126		115		130		141		51.7	
Sodium	7440-23-5	ppm-Al	762000		796000		625000		673000		537000		699000		689000		783000		914000		415000	
Thallium	7440-28-0	ppm-Al	58.1		56.4		38.4		55.9		52		17		45.8		50		55.5		47.2	
Titanium	7440-32-6	ppm-Al	39800		37900		34700		34800		37500		29900		31500		32200		32600		32400	
Vanadium	7440-62-2	ppm-Al	2990		2950		2850		2830		2850		2550		2570		2640		2630		2520	
Zinc	7440-66-6	ppm-Al	35100		38700		36000		28300		28700		17700		16000		27700		28000		14900	

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Aluminum-Normalized Inorganics

			Location ID		G0000179		G0000180		G0000180		G0000180		G0000181		G0000181		G0000182		G0000182		G0000183		G0000184	
			Sample Name		LPRP-SCSH-PSR-001687		LPRP-SCSH-PSR-001688		LPRP-SCSH-PSR-001690		LPRP-SCSH-PSR-001691		LPRP-SCSH-PSR-001692		LPRP-SCSH-PSR-001693		LPRP-SCSH-PSR-001694		LPRP-SCSH-PSR-001695		LPRP-SCSH-PSR-001697		LPRP-SCSH-PSR-001699	
			Date Collected		6/10/2008		6/9/2008		6/9/2008		6/9/2008		6/9/2008		6/9/2008		6/9/2008		6/9/2008		6/9/2008		6/9/2008	
			Depth		0.0-0.5		0.0-0.1		0.0-0.5		0.0-0.5		0.0-0.1		0.0-0.5		0.0-0.1		0.0-0.5		0.0-0.5		0.0-0.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																								
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	85.7	U	123		93.6		121		123		117		264	U	348	U	150		144			
Arsenic	7440-38-2	ppm-Al	638		684		719		752		615		601		1010		1200		752		760			
Barium	7440-39-3	ppm-Al	3040		6670		6670		6970		7320		7550		8350		5190		7670		7020			
Beryllium	7440-41-7	ppm-Al	41.9		43.3		45		44.8		41.3		39.3		37.3		34.8		42.1		43.2			
Cadmium	7440-43-9	ppm-Al	21		105		81.9		84.8		140		153		58.7		37.4		188		184			
Calcium	7440-70-2	ppm-Al	179000		655000		362000		357000		321000		307000		360000		2100000		299000		280000			
Chromium	7440-47-3	ppm-Al	2450		6430		6430		6360		6150		6260		9360		8260		8420		8400			
Cobalt	7440-48-4	ppm-Al	676		632		637		642		637		632		827		856		677		656			
Copper	7440-50-8	ppm-Al	2080		7840		7310		7390		8600		9020		6530		7780		10000		9760			
Iron	7439-89-6	ppm-Al	1810000		1800000		1890000		1880000		1710000		1730000		1870000		1850000		1820000		1780000			
Lead	7439-92-1	ppm-Al	2670		9470		8480		8480		11100		12000		16700		7780		13000		11600			
Magnesium	7439-95-4	ppm-Al	406000		482000		485000		487000		454000		444000		453000		455000		447000		463000			
Manganese	7439-96-5	ppm-Al	26000		33400		33500		33700		32300		37600		21300		21400		18800		18700			
Mercury	7439-97-6	ppm-Al	30.5		99.4		105		97		95		92		96		115		135		224			
Nickel	7440-02-0	ppm-Al	1510		1890		1950		1970		1920		1930		2430		2620		2340		2340			
Potassium	7440-09-7	ppm-Al	198000				216000		216000		187000		175000		171000		165000		181000		194000			
Selenium	7782-49-2	ppm-Al	114		175		158		182		173		178		98.7		120		143		120			
Silver	7440-22-4	ppm-Al	21		129		111		115		134		135		64		77.5		150		160			
Sodium	7440-23-5	ppm-Al	444000		860000		749000		752000		793000		822000		531000		436000		415000		562000			
Thallium	7440-28-0	ppm-Al	42.9		29.8		24.6		38.2		22.3		17.8		85.3		29.4		38.3		46.4			
Titanium	7440-32-6	ppm-Al	26500		28700		27900		27900		31100		30800		39200		38500		32900		32600			
Vanadium	7440-62-2	ppm-Al	2390		2500		2490		2480		2550		2530		2370		2300		2690		2620			
Zinc	7440-66-6	ppm-Al	6640		22100		19200		18900		26400		28000		25600		20800		28300		25700			

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Aluminum-Normalized Inorganics

			Location ID	G0000185		G0000185		G0000186		G0000187		G0000188		G0000189		G0000190		G0000191		HKA05		HR01SED067	
			Sample Name	LPRP-SCSH-PSR-001702		LPRP-SCSH-PSR-001703		LPRP-SCSH-PSR-001705		LPRP-SCSH-PSR-001707		LPRP-SCSH-PSR-001709		LPRP-SCSH-PSR-001711		LPRP-SCSH-PSR-001713		LPRP-SCSH-PSR-001715		1JMS00003		HR01SED067B-01	
			Date Collected	6/9/2008		6/9/2008		6/10/2008		6/10/2008		6/10/2008		6/10/2008		6/10/2008		6/10/2008		7/13/1999		12/1/2005	
			Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	165		134		135	U	133	U	97	U	203	U	191	U	198	U	81.9	U	262	U
Arsenic	7440-38-2	ppm-Al	777		732		935		703		836		994		1510		1070		905		387	
Barium	7440-39-3	ppm-Al	7140		7050		7680		6970		6950		11200		8150		9190		9370		3610	
Beryllium	7440-41-7	ppm-Al	42.4		42.3		44.3		42.2		44.5		41.7		44.6		45.3		73.3		38.7	
Cadmium	7440-43-9	ppm-Al	187		188		123		156		86.3		331		179		140		114		13.6	
Calcium	7440-70-2	ppm-Al	325000		319000		333000		309000		338000		338000		323000		361000		436000		281000	
Chromium	7440-47-3	ppm-Al	7480		7650		8650		7140		7350		7500		9390		10900		11600		2830	
Cobalt	7440-48-4	ppm-Al	669		671		701		656		687		684		727		721		790		764	
Copper	7440-50-8	ppm-Al	10000		10100		9990		9610		7880		11000		12200		11100		8580		1850	
Iron	7439-89-6	ppm-Al	1870000		1870000		1930000		1810000		1910000		1910000		1880000		1910000		2180000		1560000	
Lead	7439-92-1	ppm-Al	13700		13500		10700		12700		8760		15900		13100		13900		9450		2650	
Magnesium	7439-95-4	ppm-Al	470000		458000		507000		473000		485000		467000		482000		482000		597000		480000	
Manganese	7439-96-5	ppm-Al	23200		22900		22100		19800		25500		22800		21000		21800		34900		15800	
Mercury	7439-97-6	ppm-Al	122		121		209		133		111		160		230		226		229		20.9	
Nickel	7440-02-0	ppm-Al	2250		2210		2350		2150		2180		2200		2500		2430		2360		1830	
Potassium	7440-09-7	ppm-Al	186000		185000		205000		185000		201000		186000		196000		198000		231000		304000	
Selenium	7782-49-2	ppm-Al	173		141		148		133		148		182		140		132		257		168	U
Silver	7440-22-4	ppm-Al	194		154		135		156		113		150		128		132		181		48.2	U
Sodium	7440-23-5	ppm-Al	629000		562000		638000		715000		577000		503000		606000		577000		750000		1210000	
Thallium	7440-28-0	ppm-Al	28.1		43		56.6		16.4		14.8		47		57.4		18.4		171	U	335	U
Titanium	7440-32-6	ppm-Al	32600		32300		34400		32100		30900		34500		33800		33200				26900	
Vanadium	7440-62-2	ppm-Al	2680		2690		2680		2640		2470		2590		2530		2630		2520		2820	
Zinc	7440-66-6	ppm-Al	31400		31000		21800		29500		18700		34200		24600		23800		17800		7630	

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Aluminum-Normalized Inorganics

			Location ID		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED069		HR01SED069		HR02SED103		HRRISED003		HRRISED003	
			Sample Name		HR01SED067B-02		HR01SED067B-03		HR01SED067B-04		HR01SED067B-05		HR01SED067B-06		HR01SED069C-01		HR01SED069C-02		HR02SED103E-01		HRRISED003C-01		HRRISED003C-02	
			Date Collected		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/13/2007		10/25/2006		10/25/2006	
			Depth		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.0-0.5		0.5-2.0	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		Y		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																								
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	161	U	118	U	72.2	U	74.5	U	81.1	U	149	U	83.6	U	831	U	280	U	176			
Arsenic	7440-38-2	ppm-Al	234		565		541		569		638		897		527		1120		1930		1280			
Barium	7440-39-3	ppm-Al	3110		2490		2670		2820		2920		8240		6150		14600		23200		10400			
Beryllium	7440-41-7	ppm-Al	29.7		34.8		39.7		42.6		42.7		46.1		45.5		59.4		112	U	86			
Cadmium	7440-43-9	ppm-Al	7.8	U	6.2		3.4	U	3.7	U	3.8	U	10		4.2	U	97.4		204		227	U		
Calcium	7440-70-2	ppm-Al	176000		148000		111000		134000		149000		592000		665000		1650000		1720000		1600000			
Chromium	7440-47-3	ppm-Al	1720		1680		1760		1850		1860		2620		1640		9670		16500		4360			
Cobalt	7440-48-4	ppm-Al	448		814		591		622		643		859		727		855		1340		1180			
Copper	7440-50-8	ppm-Al	745		851		675		745		778		1370		973		5890		15000		9360			
Iron	7439-89-6	ppm-Al	1010000		2470000		1700000		1890000		1950000		2390000		1890000		2300000		4340000		7300000			
Lead	7439-92-1	ppm-Al	641		789		705		723		751		1540		773		9330		74800		10700			
Magnesium	7439-95-4	ppm-Al	350000		365000		375000		385000		389000		448000		466000		717000		728000		673000			
Manganese	7439-96-5	ppm-Al	11000		24700		18600		21300		23000		55900		41200		43000		53800		74800			
Mercury	7439-97-6	ppm-Al	40.6		4.3		1.3		1.5		1.5		17.4		1.4		285		623		9.8			
Nickel	7440-02-0	ppm-Al	1030		1820		1310		1350		1350		1590		1450		2110		4670		5110			
Potassium	7440-09-7	ppm-Al	273000		235000		239000		241000		244000		245000		273000		235000		216000		209000			
Selenium	7782-49-2	ppm-Al	104	U	80.7	U	44.5	U	47.3	U	49.7	U	88.4	U	53.6	U	33.3		254		335			
Silver	7440-22-4	ppm-Al	30.2	U	22.4	U	13.2	U	14.4	U	14.6	U	26.2	U	16.4	U			178		34.2			
Sodium	7440-23-5	ppm-Al	823000		658000		341000		370000		379000		303000		185000		618000		919000		254000			
Thallium	7440-28-0	ppm-Al	208	U	155	U	91.4	U	101	U	103	U	187	U	109	U	16.9		280	U	205	U		
Titanium	7440-32-6	ppm-Al	25000		24100		25900		28000		29100		31000		31300		37500							
Vanadium	7440-62-2	ppm-Al	2260		2220		2210		2410		2420		2550		2230		2710		4210		2340			
Zinc	7440-66-6	ppm-Al	3010		5700		3860		5080		3920		5990		3920		15400		63100		26700			

Table B-3
Aluminum-Normalized Inorganics

		Location ID	HRRISED003		HRRISED004		HRRISED004		HRRISED005		HRRISED005		HRRISED005		HRRISED005		HRRISED005		HRRISED005		HRRISED005	
		Sample Name	HRRISED003C-03		HRRISED004B-01		HRRISED004B-02		HRRISED005B-01		HRRISED005B-02		HRRISED005B-03		HRRISED005B-04		HRRISED005B-05		HRRISED005B-06		HRRISED005B-07	
		Date Collected	10/25/2006		10/25/2006		10/25/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006	
		Depth	2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5		0.5-2.0		2.0-4.0		4.0-6.0		6.0-8.0		8.0-10.0		10.0-12.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	87.7	U	172	U	137	U	91.6		126		137		86.2		87.6		87.6		165	U
Arsenic	7440-38-2	ppm-Al	503		677		479		1750		2580		5950		3450		3330		2340		1430	
Barium	7440-39-3	ppm-Al	6960		6540		4870		17800		15500		17700		19300		21400		13600		7400	
Beryllium	7440-41-7	ppm-Al	87.7		81.9		85.5		72.5	U	78.4	U	77.5	U	67.2	U	66.7	U	55.5	U	66	U
Cadmium	7440-43-9	ppm-Al	87.7	U	84.9	U	68.4	U	458		622		471		216		83.8	U	69.3	U	82.5	U
Calcium	7440-70-2	ppm-Al	401000		684000		185000		786000		419000		342000		372000		390000		472000		320000	
Chromium	7440-47-3	ppm-Al	1560		3970		2190		34800		105000		73500		21900		23300		12600		7830	
Cobalt	7440-48-4	ppm-Al	953		880		889		992		865		833		819		838		883		854	
Copper	7440-50-8	ppm-Al	2110		3270		1130		16700		24500		22600		18800		17500		13800		6010	
Iron	7439-89-6	ppm-Al	1980000		2230000		1910000		2340000		2560000		2430000		2310000		2460000		2230000		2810000	
Lead	7439-92-1	ppm-Al	1110		6260		829		35600		23500		23000		21100		21200		15100		6880	
Magnesium	7439-95-4	ppm-Al	596000		489000		465000		602000		527000		513000		542000		558000		607000		518000	
Manganese	7439-96-5	ppm-Al	51800		49800		34900		39700		30400		26800		30300		32500		37600		39400	
Mercury	7439-97-6	ppm-Al	1.9		6		2.2		901		1930		2110		957		638		234		84.5	
Nickel	7440-02-0	ppm-Al	2010		1950		1910		3560		3770		3150		2910		2760		2700		2070	
Potassium	7440-09-7	ppm-Al	187000		200000		179000		179000		166000		171000		170000		170000		155000		162000	
Selenium	7782-49-2	ppm-Al	31.6		74.8		58.1		168		225		225		198		190		117		146	
Silver	7440-22-4	ppm-Al	44.4	U	22.2		68.4	U	298		423		392		207		171		117		60.2	
Sodium	7440-23-5	ppm-Al	137000		373000		224000		431000		464000		463000		381000		359000		275000		313000	
Thallium	7440-28-0	ppm-Al	87.7	U	172	U	137	U	183	U	198	U	196	U	172	U	171	U	139	U	165	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	2010		2620		2500		3890		6010		3520		3390		3220		2560		2450	
Zinc	7440-66-6	ppm-Al	5010		8560		5240		38500		47200		40600		33200		36000		29000		14200	

		Location ID	HRRISED006		HRRISED006		HRRISED006		HRRISED007		HRRISED007		HRRISED008		HRRISED008		HRRISED009		HRRISED010		HRRISED010	
		Sample Name	HRRISED006B-01		HRRISED006B-02		HRRISED006B-03		HRRISED007E-01		HRRISED007E-02		HRRISED008B-01		HRRISED008B-02		HRRISED009C-01		HRRISED010B-01		HRRISED010B-02	
		Date Collected	11/1/2006		11/1/2006		11/1/2006		11/7/2006		11/7/2006		11/1/2006		11/1/2006		11/7/2006		11/3/2006		11/3/2006	
		Depth	0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5		0.5-2.0		0.0-0.5		0.0-0.5		0.5-2.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	315		180		122		317	U	182	U	1300		1010		323	U	192	U	153	U
Arsenic	7440-38-2	ppm-Al	6680		10200		10900		1190		639		2520		2450		896		6870		14400	
Barium	7440-39-3	ppm-Al	22100		21500		13000		11800		4170		11300		14600		15100		9010		11700	
Beryllium	7440-41-7	ppm-Al	76.4	U	66.2	U	58.3	U	90.2		79.8		725		650		129		75.6	U	62.8	U
Cadmium	7440-43-9	ppm-Al	94.5	U	82.7	U	71.9	U	42.7		90.1	U	80.2	U	114	U	157	U	58.6		60.6	
Calcium	7440-70-2	ppm-Al	237000		311000		254000		3850000		217000		1630000		2240000		9130000		902000		250000	
Chromium	7440-47-3	ppm-Al	37800		36800		23300		13400		2370		8550		8920		7490		12600		20400	
Cobalt	7440-48-4	ppm-Al	811		774		835		1010		889		5060		3860		1220		1130		825	
Copper	7440-50-8	ppm-Al	30100		31000		23700		13000		1120		74400		51400		11000		14800		28900	
Iron	7439-89-6	ppm-Al	2350000		2980000		2500000		2550000		2590000		3980000		3650000		2110000		2370000		2580000	
Lead	7439-92-1	ppm-Al	41300		41700		26600		15300		1060		90200		58300		9630		14500		26800	
Magnesium	7439-95-4	ppm-Al	427000		461000		446000		630000		510000		844000		930000		878000		494000		469000	
Manganese	7439-96-5	ppm-Al	21300		29300		31400		61500		106000		43400		38300		67200		30400		32000	
Mercury	7439-97-6	ppm-Al	551		534		547		263		11.2		36.9		157		94.5		298		569	
Nickel	7440-02-0	ppm-Al	4130		4390		4880		2720		1940		20900		11100		3060		3650		4430	
Potassium	7440-09-7	ppm-Al	157000		153000		138000		205000		179000		234000		143000		229000		184000		172000	
Selenium	7782-49-2	ppm-Al	283		331		194		162	U	90.1	U	191		159		157	U	181		212	
Silver	7440-22-4	ppm-Al	283		293		201		139		33.1		78.9		59.6		87.1		160		212	
Sodium	7440-23-5	ppm-Al	443000		377000		186000		666000		319000		212000		294000		433000		308000		297000	
Thallium	7440-28-0	ppm-Al	189	U	165	U	144	U	317	U	182	U	165	U	235	U	323	U	192	U	153	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	3450		3100		2460		2920		2470		3380		3560		2660		3060		2470	
Zinc	7440-66-6	ppm-Al	60200		54800		37200		21100		5620		462000		303000		16800		26700		37500	

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Aluminum-Normalized Inorganics

		Location ID	HRRISED010		HRRISED039		HRRISED040		HRRISED041		HRRISED042		HRRISED043		HRRISED044		HRRISED045		HRRISED046		HRRISED047	
		Sample Name	HRRISED010B-03		HRRISED039A-01		HRRISED040A-01		HRRISED041A-01		HRRISED042A-01		HRRISED043A-01		HRRISED044A-01		HRRISED045A-01		HRRISED046A-01		HRRISED047A-01	
		Date Collected	11/3/2006		10/24/2006		10/26/2006		10/26/2006		10/24/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006	
		Depth	2.0-4.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	133	U	200	U	217	U	204	U	248	U	287	U	320	U	322	U	273	U	230	U
Arsenic	7440-38-2	ppm-Al	9330		1660		1250		1350		2630		2590		1070		1010		1140		2620	
Barium	7440-39-3	ppm-Al	9530		9910		10100		12000		59400		50400		9400		11200		11200		14000	
Beryllium	7440-41-7	ppm-Al	53.3	U	81.7	U	104		112		99	U	113	U	129	U	126	U	110	U	90.8	U
Cadmium	7440-43-9	ppm-Al	26.7		72.2		37.7		102		124	U	34.1		167	U	159	U	67		21.7	
Calcium	7440-70-2	ppm-Al	258000		430000		413000		523000		1630000		829000		331000		1130000		1100000		1170000	
Chromium	7440-47-3	ppm-Al	20300		17000		11400		12000		11200		16500		7540		9400		13900		15200	
Cobalt	7440-48-4	ppm-Al	887		1030		981		1060		1540		1620		1110		989		1050		989	
Copper	7440-50-8	ppm-Al	28800		15700		18200		73600		148000		58200		19600		9950		12000		13800	
Iron	7439-89-6	ppm-Al	2590000		2630000		2580000		2650000		9680000		10900000		3600000		2510000		2780000		2750000	
Lead	7439-92-1	ppm-Al	24400		14300		12700		19700		42500		67000		50300		19400		20200		20200	
Magnesium	7439-95-4	ppm-Al	443000		603000		591000		588000		1230000		528000		497000		995000		671000		734000	
Manganese	7439-96-5	ppm-Al	35300		44600		32800		34400		51800		50400		25700		26900		37200		35500	
Mercury	7439-97-6	ppm-Al	513		243		236		234		120		431		29.2		209		422		407	
Nickel	7440-02-0	ppm-Al	4310		3550		3120		3580		6930		23000		6690		3030		3250		3440	
Potassium	7440-09-7	ppm-Al	148000		197000		208000		184000		129000		131000		202000		159000		203000		178000	
Selenium	7782-49-2	ppm-Al	207		200		179		173		400		521		181		159		199		190	
Silver	7440-22-4	ppm-Al	160		209		189		234		158		305		167	U	106		174		136	
Sodium	7440-23-5	ppm-Al	127000		509000		513000		440000		354000		573000		777000		382000		689000		495000	
Thallium	7440-28-0	ppm-Al	133	U	200	U	217	U	204	U	248	U	287	U	320	U	322	U	273	U	230	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	2490		3570		3220		3230		5520		6120		4050		3980		4790		5930	
Zinc	7440-66-6	ppm-Al	32500		28400		24800		49400		99600		101000		70400		49400		34100		27800	

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Aluminum-Normalized Inorganics

		Location ID	HRRISED048		HRRISED049		HRRISED050		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081	
		Sample Name	HRRISED048A-01		HRRISED049A-01		HRRISED050A-01		KK02SED081D-01		KK02SED081D-02		KK02SED081D-03		KK02SED081D-04		KK02SED081D-05		KK02SED081D-06		KK02SED081D-07	
		Date Collected	11/1/2006		10/31/2006		11/1/2006		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	195	U	72.3		216	U	506	U	411	U	0.96	U	1.1	U	1.2	U	1.2	U	327	U
Arsenic	7440-38-2	ppm-Al	684		1080		1200		766		1100		647		586		543		527		506	
Barium	7440-39-3	ppm-Al	7510		10100		10100		13500		10900		2970		2160		2190		2220		2090	
Beryllium	7440-41-7	ppm-Al	75.2	U	81.7	U	85.6	U	61.6		64.3		55.1		58.6		50.7		53.4		42.1	
Cadmium	7440-43-9	ppm-Al	37.6		103	U	48.6		219		137		17.6		18		16.4		16		15.6	
Calcium	7440-70-2	ppm-Al	408000		461000		500000		758000		428000		227000		247000		275000		322000		260000	
Chromium	7440-47-3	ppm-Al	11200		11000		12300		6790		6140		1900		1880		1910		1930		1950	
Cobalt	7440-48-4	ppm-Al	932		892		991		848		928		669		662		671		672		661	
Copper	7440-50-8	ppm-Al	9100		9380		11600		28500		17600		1940		925		900		954		770	
Iron	7439-89-6	ppm-Al	2600000		2620000		2680000		1870000		2360000		1940000		2030000		2060000		2050000		2010000	
Lead	7439-92-1	ppm-Al	10500		10400		11400		38600		26700		3460		947		786		718		728	
Magnesium	7439-95-4	ppm-Al	621000		608000		611000		620000		565000		457000		468000		486000		490000		482000	
Manganese	7439-96-5	ppm-Al	29000		37900		38700		15000		27100		30100		38100		43300		39800		32900	
Mercury	7439-97-6	ppm-Al	180		197		234		1050		190		45.6		1.4	U	1.5		2.1		1.8	
Nickel	7440-02-0	ppm-Al	2890		2710		3130		4200		3770		1740		1680		1660		1650		1660	
Potassium	7440-09-7	ppm-Al	215000		182000		210000		201000		205000		190000		198000		199000		197000		207000	
Selenium	7782-49-2	ppm-Al	158		152		162		56.1		73.8		29.4		36.8		29.3		31.3		21.4	
Silver	7440-22-4	ppm-Al	173		169		162		711		506		8.1		4.6		8.6		4		3.7	
Sodium	7440-23-5	ppm-Al	520000		389000		418000		584000		524000		358000		426000		447000		443000		431000	
Thallium	7440-28-0	ppm-Al	90.2		202	U	216	U	13.4		14.8		8.8		9		7.9		8.4		7.6	
Titanium	7440-32-6	ppm-Al							43400		32200		21600		24300		24900		25400		26200	
Vanadium	7440-62-2	ppm-Al	2940		2930		3020		3460		3460		2350		2440		2370		2390		2370	
Zinc	7440-66-6	ppm-Al	22600		22300		22900		54600		35300		5820		4500		4510		4490		4360	

Table B-3
Aluminum-Normalized Inorganics

			Location ID		KK02SED081		KK02SED081		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095	
			Sample Name		KK02SED081D-08		KK02SED081D-09		KK02SED095E-01		KK02SED095E-02		KK02SED095E-03		KK02SED095E-04		KK02SED095E-05		KK02SED095E-06		KK02SED095E-07		KK02SED095E-08	
			Date Collected		11/20/2007		11/20/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007	
			Depth		9.5-11.5		11.5-13.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																								
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	301	U	339	U	427	U	347	U	361	U	340	U	365	U	324	U	317	U	282	U		
Arsenic	7440-38-2	ppm-Al	490		557		3420		3120		2830		2650		5300		5490		5990		4430			
Barium	7440-39-3	ppm-Al	2100		2100		15500		21900		24500		22200		15500		13100		13700		7930			
Beryllium	7440-41-7	ppm-Al	39.9		45.2		58.3		50		45.2		42		49.3		44.9		46.1		42			
Cadmium	7440-43-9	ppm-Al	16.8		16.5		456		333		219		142		122		94.8		102		56.9			
Calcium	7440-70-2	ppm-Al	331000		313000		269000		363000		336000		340000		365000		334000		318000		254000			
Chromium	7440-47-3	ppm-Al	1920		1970		20900		14900		10500		9260		8380		9020		8080		7130			
Cobalt	7440-48-4	ppm-Al	664		687		699		688		626		642		655		731		934		701			
Copper	7440-50-8	ppm-Al	741		739		20100		21700		20100		18900		17600		19900		17600		14000			
Iron	7439-89-6	ppm-Al	2060000		2130000		2360000		2230000		2230000		2270000		2340000		2250000		2520000		2130000			
Lead	7439-92-1	ppm-Al	727		722		26100		24900		29200		28400		32800		25700		21100		17300			
Magnesium	7439-95-4	ppm-Al	480000		483000		536000		524000		505000		509000		513000		503000		480000		450000			
Manganese	7439-96-5	ppm-Al	33900		30900		23800		22400		23300		24000		25000		26400		25800		26900			
Mercury	7439-97-6	ppm-Al	0.98	U	1.1	U	340		361		258		235		405		431		359		339			
Nickel	7440-02-0	ppm-Al	1690		1730		3050		3060		2660		2780		3520		5640		7010		4310			
Potassium	7440-09-7	ppm-Al	203000		206000		226000		212000		219000		217000		214000		201000		195000		180000			
Selenium	7782-49-2	ppm-Al	20.3		22.6		107		125		129		179		162		144		108		80.5			
Silver	7440-22-4	ppm-Al	3.6		3.8		340		313		303		272		216		186		126		86.2			
Sodium	7440-23-5	ppm-Al	408000		382000		680000		597000		638000		642000		628000		497000		481000		393000			
Thallium	7440-28-0	ppm-Al	7		8.3		23.3		20.1		20.6		18.5		21.6		21.1		29.9		17.8			
Titanium	7440-32-6	ppm-Al	25100		26800		34300		29400		26800		25600		24700		23400		23500		21200			
Vanadium	7440-62-2	ppm-Al	2330		2420		3560		3420		3080		2930		3070		3030		2740		2520			
Zinc	7440-66-6	ppm-Al	4380		4490		33100		34800		35900		33000		29300		25900		26400		19100			

Table B-3
Aluminum-Normalized Inorganics

		Location ID	KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096	
		Sample Name	KK02SED095E-09		KK02SED095E-10		KK02SED095E-11		KK02SED095E-12		KK02SED096D-01		KK02SED096D-02		KK02SED096D-03		KK02SED096D-04		KK02SED096D-05		KK02SED096D-06	
		Date Collected	11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	266	U	284	U	250	U	0.95	U	409	U	409	U	394	U	370	U	376	U	373	U
Arsenic	7440-38-2	ppm-Al	3460		1700		656		669		818		913		869		925		975		1060	
Barium	7440-39-3	ppm-Al	5710		4240		2490		2330		5330		6580		5400		6300		7390		7320	
Beryllium	7440-41-7	ppm-Al	41.8		43.8		38.5		40.2		58.4		67.1		56.3		56.6		61.1		58.2	
Cadmium	7440-43-9	ppm-Al	37.3		21		11.5		12.4		71.4		87.2		81.3		116		159		163	
Calcium	7440-70-2	ppm-Al	216000		241000		277000		251000		558000		738000		499000		475000		529000		566000	
Chromium	7440-47-3	ppm-Al	4640		2960		1780		1780		5270		5850		5760		7230		8600		8820	
Cobalt	7440-48-4	ppm-Al	684		642		615		609		734		799		725		705		815		732	
Copper	7440-50-8	ppm-Al	9720		4760		1540		870		6250		7380		7190		9540		11700		11200	
Iron	7439-89-6	ppm-Al	1950000		2010000		1910000		1910000		2250000		2320000		2210000		2220000		2230000		2270000	
Lead	7439-92-1	ppm-Al	13200		9200		3780		1010		6750		8050		7630		9190		10400		10200	
Magnesium	7439-95-4	ppm-Al	428000		440000		433000		428000		595000		799000		599000		601000		745000		561000	
Manganese	7439-96-5	ppm-Al	33700		42700		61500		65700		31700		35400		33800		32500		31400		35000	
Mercury	7439-97-6	ppm-Al	254		153		115		3.6		50		101		100		145		146		176	
Nickel	7440-02-0	ppm-Al	2790		1710		1620		1530		2590		4850		2510		2710		5130		2560	
Potassium	7440-09-7	ppm-Al	179000		186000		181000		195000		220000		225000		221000		223000		220000		216000	
Selenium	7782-49-2	ppm-Al	46.3		28.4		17.2		16		51.9		67.1		61.3		69.4		82.8		78.4	
Silver	7440-22-4	ppm-Al	55.9		22.2		5.7		3.3		123		195		206		283		325		346	
Sodium	7440-23-5	ppm-Al	325000		325000		286000		249000		818000		745000		775000		740000		701000		630000	
Thallium	7440-28-0	ppm-Al	9.6		8		6.3		6.5		10.4		9.4		8.1		1.2		7		5.5	
Titanium	7440-32-6	ppm-Al	20600		20100		19500		21600		26900		31100		27400		28700		29700		31200	
Vanadium	7440-62-2	ppm-Al	2370		2500		2300		2340		2700		2870		2870		2870		2940		3010	
Zinc	7440-66-6	ppm-Al	14900		10700		4840		4120		13300		16200		15000		16300		18600		19300	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KVK01		MC02SED085		MC02SED085		MC02SED085	
		Sample Name	KK02SED096D-07		KK02SED096D-08		KK02SED096D-09		KK02SED096D-10		KK02SED096D-11		KK02SED096D-12		1JMS00157		MC02SED085C-01		MC02SED085C-02		MC02SED085C-03	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		8/30/2000		12/14/2007		12/14/2007		12/14/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.3		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	388	U	383	U	364	U	376	U	360	U	365	U	128		438	U	384	U	401	U
Arsenic	7440-38-2	ppm-Al	1450		2030		2990		3980		4240		2670		1290		1480		1710		1760	
Barium	7440-39-3	ppm-Al	9780		11400		24000		32200		14200		12000		10800		17500		22100		20600	
Beryllium	7440-41-7	ppm-Al	62.6		63.1		67.9		70.1		54.9		61.5		76.8		53.1		49		51.3	
Cadmium	7440-43-9	ppm-Al	417		617		1010		1090		939		564		454		173	U	545		615	
Calcium	7440-70-2	ppm-Al	526000		453000		564000		475000		443000		428000		695000		289000		298000		325000	
Chromium	7440-47-3	ppm-Al	13700		20200		30100		31400		30900		25100		20300		7280		14900		14700	
Cobalt	7440-48-4	ppm-Al	820		779		809		758		750		718		908		796		838		759	
Copper	7440-50-8	ppm-Al	17100		24200		29500		33200		30700		24700		22700		29100		53000		45200	
Iron	7439-89-6	ppm-Al	2330000		2280000		2400000		2320000		2320000		2340000		2340000		2320000		2200000		2260000	
Lead	7439-92-1	ppm-Al	16500		21600		25700		29600		27700		26000		21100		35200		31200		28600	
Magnesium	7439-95-4	ppm-Al	567000		535000		546000		520000		527000		507000		591000		585000		505000		508000	
Manganese	7439-96-5	ppm-Al	37700		28200		26400		24600		27200		27600		26300		23500		19500		19600	
Mercury	7439-97-6	ppm-Al	374		497		667		898		774		442		361		179		682		872	
Nickel	7440-02-0	ppm-Al	3600		3790		4750		4720		4380		3520		4350		2980		4140		3660	
Potassium	7440-09-7	ppm-Al	210000		210000		216000		211000		229000		211000		261000		225000		202000		204000	
Selenium	7782-49-2	ppm-Al	108		154		154		159		171		122		151	U	154		197		209	
Silver	7440-22-4	ppm-Al	460		577		741		815		756		673		547		167		384		455	
Sodium	7440-23-5	ppm-Al	617000		671000		691000		726000		683000		647000		650000		877000		758000		759000	
Thallium	7440-28-0	ppm-Al	3.9		6.7		18.5		18.5		15.9		16		128	U	14.2		13.6		15.5	
Titanium	7440-32-6	ppm-Al	32400		33000		36100		35100		37800		34400				32100		31000		32300	
Vanadium	7440-62-2	ppm-Al	3420		3800		5010		5750		5540		5250		4190		6360		4930		5450	
Zinc	7440-66-6	ppm-Al	26000		36800		44000		41700		41300		31500		37100		27300		47600		42900	

		Location ID	MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		NB01SED001A		NB01SED001A		NB01SED001A	
		Sample Name	MC02SED085C-04		MC02SED085C-05		MC02SED085C-06		MC02SED085C-07		MC02SED085C-08		MC02SED085C-09		MC02SED085C-10		NB01SED001B-01		NB01SED001B-02		NB01SED001B-02	
		Date Collected	12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		11/13/2005		11/13/2005		11/13/2005	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		0.0-0.5		0.5-1.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000				1000000	
Antimony	7440-36-0	ppm-Al	377	U	360	U	338	U	378	U	356	U	358	U	300	U	144		111			
Arsenic	7440-38-2	ppm-Al	1820		2820		4100		2960		4110		6960		3090		1340				1240	
Barium	7440-39-3	ppm-Al	22900		32200		56100		35100		48600		60100		17900		18800				24600	
Beryllium	7440-41-7	ppm-Al	48.3		55.2		66.9		70.4		57.6		56.9		51.3		60.8				64.7	
Cadmium	7440-43-9	ppm-Al	633		397		352		281		598		293		119	U	193				189	
Calcium	7440-70-2	ppm-Al	334000		306000		302000		629000		388000		458000		480000		512000				784000	
Chromium	7440-47-3	ppm-Al	18500		12600		11600		6670		15800		11700		4890		6850				6750	
Cobalt	7440-48-4	ppm-Al	807		921		930		1030		856		780		781		724				720	
Copper	7440-50-8	ppm-Al	54600		45600		51900		36500		82600		67300		33600		13400				14300	
Iron	7439-89-6	ppm-Al	2100000		2560000		2510000		2560000		2360000		2630000		2080000		1920000				1940000	
Lead	7439-92-1	ppm-Al	30700		132000		103000		48700		130000		644000		99400		11000				11700	
Magnesium	7439-95-4	ppm-Al	483000		561000		594000		660000		558000		503000		449000		514000				542000	
Manganese	7439-96-5	ppm-Al	19200		29900		30400		42100		24500		23400		23400		30100				33400	
Mercury	7439-97-6	ppm-Al	845		596		535		148		152		211		269		166				156	
Nickel	7440-02-0	ppm-Al	4330		4020		3300		3360		3900		3900		2410		2310				2460	
Potassium	7440-09-7	ppm-Al	189000		221000		241000		261000		214000		192000		179000		307000				316000	
Selenium	7782-49-2	ppm-Al	213		403		380		185		258		740		150		71.8	U			59.3	U
Silver	7440-22-4	ppm-Al	502		228		120		96.3		106		187		47.5		182				173	
Sodium	7440-23-5	ppm-Al	725000		604000		483000		527000		477000		434000		298000		713000				594000	
Thallium	7440-28-0	ppm-Al	15		19.6		22.5		22.2		17.4		17.1		12.5		144	U			116	U
Titanium	7440-32-6	ppm-Al	30200		34600		36800		36400		29900		26700		24800		33000				34600	
Vanadium	7440-62-2	ppm-Al	5120		4080		3250		3060		3140		3020		2590		2920				3100	
Zinc	7440-66-6	ppm-Al	49800		43200		42800		30000		65700		65000		25800		19400				19600	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB01SED001A		NB01SED002		NB01SED002		NB01SED002		NB01SED002		NB01SED002		NB01SED003		NB01SED003		NB01SED003		NB01SED003	
		Sample Name	NB01SED001B-03		NB01SED002B-01		NB01SED002B-02		NB01SED002B-03		NB01SED002B-04		NB01SED002B-05		NB01SED003D-01		NB01SED003D-02		NB01SED003D-03		NB01SED003D-04	
		Date Collected	11/13/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/31/2005		10/31/2005		10/31/2005		10/31/2005	
		Depth	1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	160		64	U	57.6	U	33.6	U	43.5	U	68.3	U	135	U	64.9	U	54.5	U	72.3	U
Arsenic	7440-38-2	ppm-Al	1430		1380		806		451		658		667		1960		3200		2380		715	
Barium	7440-39-3	ppm-Al	18700		15900		9330		2870		2600		8900		18100		9780		6030		3180	
Beryllium	7440-41-7	ppm-Al	61.7		64		58.2		47.4		66.8		108		89.8		51.9		46.7		46.8	
Cadmium	7440-43-9	ppm-Al	290		157		40		26.1		34.4		17.5		92		51.9		16.3		3.5	U
Calcium	7440-70-2	ppm-Al	493000		387000		211000		104000		71500		106000		160000		138000		175000		196000	
Chromium	7440-47-3	ppm-Al	9010		8140		4410		1670		2040		3900		7190		5930		3970		1700	
Cobalt	7440-48-4	ppm-Al	716		866		794		565		2590		1540		1390		606		549		549	
Copper	7440-50-8	ppm-Al	21200		16200		6730		767		1040		1480		15700		12700		7780		1060	
Iron	7439-89-6	ppm-Al	1970000		2130000		1890000		1730000		2310000		3590000		5470000		1840000		1630000		1980000	
Lead	7439-92-1	ppm-Al	16400		12000		5110		617		739		12400		27400		13900		8790		1240	
Magnesium	7439-95-4	ppm-Al	509000		444000		408000		367000		289000		467000		409000		350000		331000		331000	
Manganese	7439-96-5	ppm-Al	27400		22500		19500		16400		13500		26800		24600		16700		17700		18900	
Mercury	7439-97-6	ppm-Al	235		285		164		0.21	U	0.92		0.41	U	168		203		144		2.5	
Nickel	7440-02-0	ppm-Al	2830		2800		2250		1300		3090		2920		4460		2570		1930		1360	
Potassium	7440-09-7	ppm-Al	294000		266000		271000		247000		257000		429000		260000		235000		230000		241000	
Selenium	7782-49-2	ppm-Al	67.9		75.6		72.7	U	43.5	U	51.6	U	81	U	269		143		66.1		59.6	
Silver	7440-22-4	ppm-Al	259		221		78.8		6.3	U	7.8	U	12.4	U	78.6		60.6		30		13.2	U
Sodium	7440-23-5	ppm-Al	722000		680000		655000		381000		249000		152000		338000		342000		311000		373000	
Thallium	7440-28-0	ppm-Al	136	U											123	U	82.3		109		63.8	U
Titanium	7440-32-6	ppm-Al	32000		31700		29600		23900		26100		38700		31900		25900		22700		23500	
Vanadium	7440-62-2	ppm-Al	3300		3010		2760		2150		2960		4540		3090		2250		2110		2140	
Zinc	7440-66-6	ppm-Al	29000		23800		16500		3710		6240		6320		44600		18700		11400		4430	

		Location ID	NB01SED004		NB01SED004		NB01SED004		NB01SED005		NB01SED005		NB01SED005		NB01SED005		NB01SED006A		NB01SED006A		NB01SED006A	
		Sample Name	NB01SED004B-01		NB01SED004B-02		NB01SED004B-03		NB01SED005A-01		NB01SED005A-02		NB01SED005A-03		NB01SED005A-04		NB01SED006AA-01		NB01SED006AA-02		NB01SED006AA-03	
		Date Collected	10/30/2005		10/30/2005		10/30/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/27/2005		11/27/2005		11/27/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	45.9	U	202		45.6	U	106	U	88.1	U	77.7	U	82	U	59.7	U	51.9	U	49.7	U
Arsenic	7440-38-2	ppm-Al	663		912		1120		993		786		1490		1670		662		514		699	
Barium	7440-39-3	ppm-Al	8290		9470		11000		9010		7110		15200		15400		6480		5420		7650	
Beryllium	7440-41-7	ppm-Al	66.3		55.9		62.2		62.7		53.5		57		54.1		55.8		51.9		60.1	
Cadmium	7440-43-9	ppm-Al	33.7		160		320		120		56.6		518		574		9.1	U	7.6	U	7.7	U
Calcium	7440-70-2	ppm-Al	444000		416000		315000		570000		504000		401000		408000		551000		414000		678000	
Chromium	7440-47-3	ppm-Al	5910		9070		12700		7390		5810		17100		20100		4490		3460		4400	
Cobalt	7440-48-4	ppm-Al	646		636		643		852		824		653		661		656		604		749	
Copper	7440-50-8	ppm-Al	8230		11800		16300		10300		7740		21000		22300							
Iron	7439-89-6	ppm-Al	1780000		1820000		1800000		2080000		1970000		1830000		1850000		1900000		1740000		2110000	
Lead	7439-92-1	ppm-Al	7850		11100		14800		10100		7360		18500		21000		6160		4420		5960	
Magnesium	7439-95-4	ppm-Al	508000		468000		419000		739000		799000		452000		439000		518000		458000		574000	
Manganese	7439-96-5	ppm-Al	24200		27900		25100		31700		29800		21700		22200		40300		30700		43600	
Mercury	7439-97-6	ppm-Al	110		194		299		141		94.3		358		568		77.9		51.9		54.6	
Nickel	7440-02-0	ppm-Al	2650		2900		2880		5300		6730		3480		3440		2080		1820		2200	
Potassium	7440-09-7	ppm-Al	271000		266000		245000		256000		255000		253000		249000		273000		260000		261000	
Selenium	7782-49-2	ppm-Al	66.3				112		64.8	U	55.3	U	124		92.9		64.9	U	56.6	U	92.9	
Silver	7440-22-4	ppm-Al	188		346		398		218		189		528		563		156		118		169	
Sodium	7440-23-5	ppm-Al	528000		527000		477000		509000		562000		534000		525000		618000		476000		520000	
Thallium	7440-28-0	ppm-Al	105						134	U	113	U	104	U	104	U	136	U	113	U	115	U
Titanium	7440-32-6	ppm-Al	32000		31900		29900		31900		30400		31200		32600		28600		25700		30900	
Vanadium	7440-62-2	ppm-Al	2650		2710		3050		2840		2650		3440		3480		2500		2390		2730	
Zinc	7440-66-6	ppm-Al	16000		19100		26700		19400		13900		31900		33300		12100		9530		11400	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB01SED007		NB01SED007		NB01SED007		NB01SED007		NB01SED008A		NB01SED008A		NB01SED008A		NB01SED009		NB01SED009		NB01SED009	
		Sample Name	NB01SED007A-01		NB01SED007A-02		NB01SED007A-03		NB01SED007A-04		NB01SED008AA-01		NB01SED008AA-02		NB01SED008AA-03		NB01SED009A-01		NB01SED009A-02		NB01SED009A-03	
		Date Collected	11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/14/2005		11/14/2005		11/14/2005		11/6/2005		11/6/2005		11/6/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	93	U	92.6	U	109	U	108	U							50.3		98.9		77.3	
Arsenic	7440-38-2	ppm-Al	822		957		1300		1320		1320		1640		1740		2240		4700		4490	
Barium	7440-39-3	ppm-Al	8600		9200		9840		10900		13900		15500		29900		13500		23900		12400	
Beryllium	7440-41-7	ppm-Al	55		53.1		53.1		54.2		64.5		58.8		61.4		57		52.2		48.1	
Cadmium	7440-43-9	ppm-Al	109		142		313		408		433		633		833		192		165		122	
Calcium	7440-70-2	ppm-Al	576000		586000		476000		2130000		367000		338000		343000		360000		264000		214000	
Chromium	7440-47-3	ppm-Al	6330		7350		12500		15600		15100		21000		21600		7550		11800		8780	
Cobalt	7440-48-4	ppm-Al	736		778		773		717		696		665		702		709		654		674	
Copper	7440-50-8	ppm-Al	7620		8700		15200		18300		21600		27200		32300		13800		20900		17200	
Iron	7439-89-6	ppm-Al	2090000		2090000		2210000		1980000		1830000		1810000		1740000		2050000		1930000		1760000	
Lead	7439-92-1	ppm-Al	7630		8520		15400		17800		17000		20900		23100		16200		29800		19100	
Magnesium	7439-95-4	ppm-Al	589000		623000		535000		483000		465000		443000		429000		500000		428000		387000	
Manganese	7439-96-5	ppm-Al	29100		30900		28400		22800		23700		22100		19400		25000		20100		23100	
Mercury	7439-97-6	ppm-Al	85.3		98.8		203		275		166		471		719		192		341		348	
Nickel	7440-02-0	ppm-Al	3070		4040		3430		3540		3180		3210		3290		2630		3510		3150	
Potassium	7440-09-7	ppm-Al	280000		285000		272000		288000		279000		262000		263000		289000		267000		233000	
Selenium	7782-49-2	ppm-Al	58.9	U	56.2	U	65.6	U	65.8	U	82.9		90.5		171		53	U	264		99.4	
Silver	7440-22-4	ppm-Al	155		198		391		358		415		548		566		166		170		105	
Sodium	7440-23-5	ppm-Al	516000		482000		619000		563000		604000		584000		544000		484000		507000		389000	
Thallium	7440-28-0	ppm-Al	124	U	117	U	141	U	142	U	120	U	109	U	105	U	79.5	U	82.4		66.3	U
Titanium	7440-32-6	ppm-Al	33800		35600		31300		35800		31100		28500		31000		30800		25600		23300	
Vanadium	7440-62-2	ppm-Al	2780		2840		3170		3220		2970		3390		3290		2790		2610		2330	
Zinc	7440-66-6	ppm-Al	14700		14900		24200		28900		32300		35800		40100		20500		29000		23100	

			Location ID		NB01SED009		NB01SED010A		NB01SED010A		NB01SED010A		NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED011	
			Sample Name		NB01SED009A-04		NB01SED010I-01		NB01SED010I-02		NB01SED010I-03		NB01SED011B-01		NB01SED011B-02		NB01SED011B-03		NB01SED011B-04		NB01SED011B-05		NB01SED011B-06	
			Date Collected		11/6/2005		10/31/2005		10/31/2005		10/31/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005	
			Depth		2.5-3.5		0.0-0.5		0.5-1.3		1.3-2.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5		4.5-5.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																								
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	66.7		49.2		79	U	82.7	U	82	U	74.5	U	97.2	U	97.1	U	91.5	U	71.8	U		
Arsenic	7440-38-2	ppm-Al	3130		1650		2540		2380		1450		540		761		641		588		2710			
Barium	7440-39-3	ppm-Al	6210		24700		38000		32900		19200		3420		3440		3360		3330		2580			
Beryllium	7440-41-7	ppm-Al	46.2		70.6		56.6		69.9		54.1		50.3		52.6		51.5		51.6		65.5			
Cadmium	7440-43-9	ppm-Al	97.4		23.8		266		180		639		3.5	U	4.9	U	4.8	U	4.5	U	3.6	U		
Calcium	7440-70-2	ppm-Al	191000		498000		457000		415000		307000		199000		217000		256000		207000		83900			
Chromium	7440-47-3	ppm-Al	5540		4900		7390		7290		17900		1850		1930		1800		1820		2190			
Cobalt	7440-48-4	ppm-Al	626		905		724		662		680		602		717		689		660		3550			
Copper	7440-50-8	ppm-Al	15300		10100		23300		19000		23900		950		858		845		1440		882			
Iron	7439-89-6	ppm-Al	1650000		2220000		1910000		2430000		1750000		1830000		1850000		1960000		2460000		2890000			
Lead	7439-92-1	ppm-Al	14100		8170		19500		17200		17500		708		684		650		719		655			
Magnesium	7439-95-4	ppm-Al	372000		487000		421000		398000		453000		378000		396000		376000		371000		252000			
Manganese	7439-96-5	ppm-Al	27700		27400		21800		21800		18900		21600		26100		24700		26100		18500			
Mercury	7439-97-6	ppm-Al	354		95.2		241		173		459		2.5		2		2.2		4		1.7			
Nickel	7440-02-0	ppm-Al	2230		2290		2640		2420		3620		1420		1450		1430		1390		1850			
Potassium	7440-09-7	ppm-Al	226000		286000		280000		271000		257000		253000		257000		249000		230000		187000			
Selenium	7782-49-2	ppm-Al	87.2		95.2		259		248		172		45.3	U	146		91.3		105		118			
Silver	7440-22-4	ppm-Al	66.7		87.3		109		90.2		434		13.7	U	17.8	U	18.4	U	17.6	U	13.6	U		
Sodium	7440-23-5	ppm-Al	314000		401000		450000		363000		511000		317000		490000		458000		374000		148000			
Thallium	7440-28-0	ppm-Al	56.4	U			124		113		139		62.1	U	85	U	97.1		85	U	88.2			
Titanium	7440-32-6	ppm-Al	22800		32900		27100		25200		32900		28300		29400		28800		28000		25000			
Vanadium	7440-62-2	ppm-Al	2220		2830		2530		2900		3170		2240		2580		2420		2330		3640			
Zinc	7440-66-6	ppm-Al	17000		13700		25700		26500		30400		3840		3780		3780		4040		4340			

		Location ID	NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED013		NB01SED013		NB01SED013	
		Sample Name	NB01SED012A-01		NB01SED012A-02		NB01SED012A-03		NB01SED012A-04		NB01SED012A-05		NB01SED012A-06		NB01SED012A-07		NB01SED013C-01		NB01SED013C-02		NB01SED013C-03	
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		10/31/2005		10/31/2005		10/31/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		6.5-8.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	76.2		60.5	U	58.6	U	63.9	U	76.6		90.9		244		143	U	147		52.6	
Arsenic	7440-38-2	ppm-Al	1500		1440		1790		2380		2930		2710		6390		2520		3330		3170	
Barium	7440-39-3	ppm-Al	22600		19100		38000		27600		15700		19300		49700		29100		44300		17700	
Beryllium	7440-41-7	ppm-Al	50.8		52.7		50.2		52.6		55.3		54.1		55.6		69.9		73.4		60.7	
Cadmium	7440-43-9	ppm-Al	349		324		544		571		660		826		756		179		38.9		8.2	U
Calcium	7440-70-2	ppm-Al	546000		549000		523000		344000		383000		297000		407000		818000		173000		616000	
Chromium	7440-47-3	ppm-Al	10400		9590		11300		15900		18800		24800		26300		8510		7990		5650	
Cobalt	7440-48-4	ppm-Al	654		641		661		654		834		678		1030		973		842		733	
Copper	7440-50-8	ppm-Al	13600		11100		16500		18300		24500		32100		47400		26400		22000		13200	
Iron	7439-89-6	ppm-Al	1690000		1700000		1670000		1710000		1690000		1800000		3340000		1850000		1950000		1960000	
Lead	7439-92-1	ppm-Al	8700		7110		8870		11800		15400		28700		43300		15600		24200		13200	
Magnesium	7439-95-4	ppm-Al	432000		426000		415000		398000		411000		413000		426000		419000		408000		406000	
Manganese	7439-96-5	ppm-Al	25100		25800		24300		21400		20400		19800		26400		21200		21200		22000	
Mercury	7439-97-6	ppm-Al	552		377		548		605		970		1260		950		252		121		163	
Nickel	7440-02-0	ppm-Al	2230		2170		2750		3080		4680		2670		3560		2830		3000		2930	
Potassium	7440-09-7	ppm-Al	268000		260000		250000		239000		252000		240000		259000		294000		307000		253000	
Selenium	7782-49-2	ppm-Al	98.4		133		138		120		162		153		456		334		605		230	
Silver	7440-22-4	ppm-Al	206		135		197		214		281		355		367		195		95		74.1	
Sodium	7440-23-5	ppm-Al	378000		342000		333000		395000		402000		426000		455000		502000		443000		398000	
Thallium	7440-28-0	ppm-Al	63.5		99.6		62.8		56.4	U	59.6	U	91.8	U	106	U	334					
Titanium	7440-32-6	ppm-Al	28400		26400		26900		27100		27800		24500		28400		35300		32600		29300	
Vanadium	7440-62-2	ppm-Al	2760		2660		2920		3180		3590		3280		2960		2610		2480		2470	
Zinc	7440-66-6	ppm-Al	19100		16600		21700		26600		29100		38500		47800		25600		32400		19500	

		Location ID	NB01SED013		NB01SED014		NB01SED014		NB01SED014		NB01SED014		NB01SED014		NB01SED015		NB01SED015		NB01SED015		NB01SED015		NB01SED016	
		Sample Name	NB01SED013C-04		NB01SED014A-01		NB01SED014A-02		NB01SED014A-03		NB01SED014A-04		NB01SED015A-01		NB01SED015A-02		NB01SED015A-03		NB01SED015A-04		NB01SED016C-01			
		Date Collected	10/31/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/13/2005			
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Metals (Normalized to Aluminum)																								
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000			
Antimony	7440-36-0	ppm-Al	38.9	U	123		70		45.1	U	81.1		113	U	92.4	U	147		77.3	U	80.9			
Arsenic	7440-38-2	ppm-Al	790		2450		2810		672		554		1400		706		3190		3360		728			
Barium	7440-39-3	ppm-Al	2680		26300		16800		2690		2700		22600		10800		32300		8900		7110			
Beryllium	7440-41-7	ppm-Al	54.5		59.5		54.2		50		50.7		55		55.5		56.9		50.8		57.2			
Cadmium	7440-43-9	ppm-Al	19.8		129		55.8		4.2	U	3.8	U	550		33.6		1010		138		69.4			
Calcium	7440-70-2	ppm-Al	181000		449000		245000		166000		223000		372000		331000		267000		281000		558000			
Chromium	7440-47-3	ppm-Al	1840		8770		8420		1830		1800		14400		3410		29600		10400		4600			
Cobalt	7440-48-4	ppm-Al	581		718		608		574		561		762		655		725		652		659			
Copper	7440-50-8	ppm-Al	820		18800		13800		754		696		21400		5460		35000		16200		5720			
Iron	7439-89-6	ppm-Al	2020000		1870000		1740000		1670000		1770000		1950000		1870000		1740000		1790000		1810000			
Lead	7439-92-1	ppm-Al	725		21500		15300		680		622		22300		3590		20300		15500		5780			
Magnesium	7439-95-4	ppm-Al	418000		479000		413000		410000		412000		478000		441000		445000		414000		529000			
Manganese	7439-96-5	ppm-Al	26200		22200		20800		22400		26800		22900		24400		16900		23100		29100			
Mercury	7439-97-6	ppm-Al	1.1		184		183		0.29	U	0.74		464		52.9		1020		320		57.8			
Nickel	7440-02-0	ppm-Al	1400		3130		2490		1380		1360		3560		1820		4700		2510		2280			
Potassium	7440-09-7	ppm-Al	243000		300000		268000		266000		264000		262000		263000		252000		225000		302000			
Selenium	7782-49-2	ppm-Al	46.7	U	282		175		50	U	45.3	U	245		84		118		60.8		55.5	U		
Silver	7440-22-4	ppm-Al	9		160		91.7		8.1	U	7.4	U	391		37		597		149		133			
Sodium	7440-23-5	ppm-Al	344000		508000		453000		322000		342000		491000		390000		564000		403000		532000			
Thallium	7440-28-0	ppm-Al			1180	U	117	U	189		108		99.3	U	75.6	U	114	U	99.4	U	116	U		
Titanium	7440-32-6	ppm-Al	27700		30100		28600		30900		29500		40100		31500		30600		25400		31400			
Vanadium	7440-62-2	ppm-Al	2190		2600		2440		2240		2280		3250		2460		4400		2500		2510			
Zinc	7440-66-6	ppm-Al	3900		27200		23600		3630		3620		49100		8340		47300		23300		11000			

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB01SED016		NB01SED016		NB01SED016		NB01SED017		NB01SED017		NB01SED017		NB01SED018		NB01SED018		NB01SED018		NB01SED018	
		Sample Name	NB01SED016C-02		NB01SED016C-03		NB01SED016C-04		NB01SED017B-01		NB01SED017B-02		NB01SED017B-03		NB01SED018D-01		NB01SED018D-02		NB01SED018D-03		NB01SED018D-04	
		Date Collected	11/13/2005		11/13/2005		11/13/2005		11/20/2005		11/20/2005		11/20/2005		11/6/2005		11/6/2005		11/6/2005		11/6/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al							48.4	U	45.3	U	45.3	U	60.4	U	72.4	U	82.8		79.5	U
Arsenic	7440-38-2	ppm-Al	847		1030		1400		665		656		654		725		598		672		957	
Barium	7440-39-3	ppm-Al	8600		8700		10500		9550		5730		8360		12700		14000		9710		14200	
Beryllium	7440-41-7	ppm-Al	56.7		58.4		56.5		60		57.3		59.7		59.7		63		60.3		66.3	
Cadmium	7440-43-9	ppm-Al	102		150		174		31.6		23.4		32.1		120		94.5		96.6		94.3	
Calcium	7440-70-2	ppm-Al	545000		658000		619000								2970000		6160000		10400000		10500000	
Chromium	7440-47-3	ppm-Al	5550		7450		8260		4010		3730		3940		4140		2770		2380		2740	
Cobalt	7440-48-4	ppm-Al	682		761		696		665		620		660		772		803		810		825	
Copper	7440-50-8	ppm-Al	7900		9120		10600		5410		4710		5570		4470		1980		1760		2150	
Iron	7439-89-6	ppm-Al	1830000		1990000		1910000		1870000		1820000		1860000		2010000		2170000		2240000		2300000	
Lead	7439-92-1	ppm-Al	6560		9380		14300		5390		4740		5010		4130		1620		1720		1810	
Magnesium	7439-95-4	ppm-Al	536000		585000		489000		535000		511000		547000		574000		559000		567000		611000	
Manganese	7439-96-5	ppm-Al	30900		31900		27200		33700		31600		36300		42100		44900		49500		52100	
Mercury	7439-97-6	ppm-Al	95.5		115		130		63.2		41.1		47.2		44.1		34.6		24.1		16.2	
Nickel	7440-02-0	ppm-Al	2320		3140		2780		2230		2020		2040		2130		1890		1740		1810	
Potassium	7440-09-7	ppm-Al	299000		297000		290000								330000		337000		338000		356000	
Selenium	7782-49-2	ppm-Al	61.1	U	65.5	U	60	U	96.8		115		94.3		67.3	U	80.3	U	81	U	88.4	U
Silver	7440-22-4	ppm-Al	172		239		217		103		109		107		73.5		13.1	U	13.1	U	14.4	U
Sodium	7440-23-5	ppm-Al	618000		609000		521000		413000		760000		569000		435000		329000		348000		348000	
Thallium	7440-28-0	ppm-Al	127	U	142	U	130	U	90.3		72.9		101		98.1	U	117	U	117	U	130	U
Titanium	7440-32-6	ppm-Al	34100		33100		33400		31500		26000		33200		34400		31000		33400		38400	
Vanadium	7440-62-2	ppm-Al	2740		2810		2830		2660		2540		2640		2630		2470		2550		2920	
Zinc	7440-66-6	ppm-Al	12500		15900		18000		10400		9690		9750		9380		6520		5790		8540	

		Location ID	NB01SED019		NB01SED019		NB01SED019		NB01SED019		NB01SED019		NB01SED019		NB01SED020		NB01SED020		NB01SED020		NB01SED020	
		Sample Name	NB01SED019A-01		NB01SED019A-02		NB01SED019A-03		NB01SED019A-04		NB01SED019A-05		NB01SED019A-06		NB01SED020A-01		NB01SED020A-02		NB01SED020A-03		NB01SED020A-04	
		Date Collected	11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	122		82.2	U	75.9	U	77.4	U	74.9	U	83.5	U	59.6	U	62.3		190		125	
Arsenic	7440-38-2	ppm-Al	2530		1710		703		1820		975		893		1150		1140		2500		2260	
Barium	7440-39-3	ppm-Al	25200		11500		2940		17200		3220		5120		11200		12000		17000		27500	
Beryllium	7440-41-7	ppm-Al	48.8		46.6		41.4		54.7		42.1		57.3		59.5		57.4		57.1		55.6	
Cadmium	7440-43-9	ppm-Al	1050		178		17.2		708		8.3		14.6		185		197		276		201	
Calcium	7440-70-2	ppm-Al	201000		466000		119000		447000		26800		34800		830000		702000		314000		260000	
Chromium	7440-47-3	ppm-Al	31700		7670		1720		21600		1500		1690		13600		10200		17800		10700	
Cobalt	7440-48-4	ppm-Al	556		589		545		670		562		806		789		770		643		576	
Copper	7440-50-8	ppm-Al	38100		10600		793		24000		819		1070		11700		10100		17500		19200	
Iron	7439-89-6	ppm-Al	1590000		1690000		2340000		1880000		1740000		2020000		2000000		1900000		1900000		1780000	
Lead	7439-92-1	ppm-Al	42100		8630		703		20800		646		796		9700		10200		20300		23000	
Magnesium	7439-95-4	ppm-Al	379000		390000		366000		450000		243000		280000		662000		653000		431000		402000	
Manganese	7439-96-5	ppm-Al	15100		23200		26800		22100		9380		11500		25000		25200		19100		18100	
Mercury	7439-97-6	ppm-Al	463		137		3.2		415		1.5		0.54		217		197		281		229	
Nickel	7440-02-0	ppm-Al	2560		1610		1320		3510		1080		1510		4580		4010		2640		2830	
Potassium	7440-09-7	ppm-Al	275000		290000		263000		246000		191000		264000		262000		296000		245000		258000	
Selenium	7782-49-2	ppm-Al	224		95.9		103		94.3		85.8		71.8		65.9	U	65.6	U	119		229	
Silver	7440-22-4	ppm-Al	366		62.3		14.5	U	604		14.6	U	16.5	U	234		189		243		229	
Sodium	7440-23-5	ppm-Al	493000		345000		384000		518000		171000		166000		464000		438000		403000		435000	
Thallium	7440-28-0	ppm-Al	166		158		152		104	U	195		252		182		148	U	124	U	118	U
Titanium	7440-32-6	ppm-Al	27700		27400		25900		31000		16500		17400		37800		37000		37200		30200	
Vanadium	7440-62-2	ppm-Al	3290		2300		2240		3480		2330		2560		3420		2990		3050		2580	
Zinc	7440-66-6	ppm-Al	40600		11800		3770		35800		2560		3540		19500		19800		25700		31800	

		Location ID	NB01SED020		NB01SED020		NB01SED021		NB01SED021		NB01SED021		NB01SED022		NB01SED022		NB01SED022		NB01SED022		NB01SED023	
		Sample Name	NB01SED020A-05		NB01SED020A-06		NB01SED021B-01		NB01SED021B-02		NB01SED021B-03		NB01SED022A-01		NB01SED022A-02		NB01SED022A-03		NB01SED022A-04		NB01SED023A-01	
		Date Collected	11/8/2005		11/8/2005		11/20/2005		11/20/2005		11/20/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/1/2005	
		Depth	3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	100		144		46.2	U	53.8	U	74.6	U	95.5	U	80.7	U	98.2	U	76.9	U	95.6	U
Arsenic	7440-38-2	ppm-Al	2430		3270		570		598		470		752		894		951		1010		1150	
Barium	7440-39-3	ppm-Al	17500		14100		7220		8720		14100		8030		8630		9200		9520		14200	
Beryllium	7440-41-7	ppm-Al	53.3		54.1		63.3		67.5		92.4		51.6		48.4		50.9		52.9		61	
Cadmium	7440-43-9	ppm-Al	120		90.1		24.1		17.1		4.5	U	76.4		118		166		197		176	
Calcium	7440-70-2	ppm-Al	363000		380000								562000		375000		374000		495000		532000	
Chromium	7440-47-3	ppm-Al	9800		9280		3590		3410		2160		6270		9320		9080		9520		7940	
Cobalt	7440-48-4	ppm-Al	567		667		627		658		891		688		665		693		639		801	
Copper	7440-50-8	ppm-Al	14800		12900		4400		4110		1940		7900		9130		10900		10300		11500	
Iron	7439-89-6	ppm-Al	1780000		1880000		1740000		1820000		1930000		1970000		1960000		2040000		1920000		2180000	
Lead	7439-92-1	ppm-Al	19700		17600		4150		3650		891		7520		9500		11100		9810		8820	
Magnesium	7439-95-4	ppm-Al	401000		409000		529000		587000		759000		518000		529000		537000		490000		567000	
Manganese	7439-96-5	ppm-Al	19900		20900		30600		35200		78600		25000		23800		26800		26600		27600	
Mercury	7439-97-6	ppm-Al	180		243		50.6		41.9		0.92		89.2		106		141		149		221	
Nickel	7440-02-0	ppm-Al	2580		2860		1920		1960		2170		2570		2910		2910		2290		2990	
Potassium	7440-09-7	ppm-Al	258000		250000								280000		286000		289000		292000		261000	
Selenium	7782-49-2	ppm-Al	193		144		94.9		85.5		68.1	U	58	U	51.6	U	59.5	U	52.9	U	61	
Silver	7440-22-4	ppm-Al	133		108		75.9		70.1		27.6	U	127		180		215		207		176	
Sodium	7440-23-5	ppm-Al	419000		446000		391000		584000		188000		462000		477000		587000		453000		390000	
Thallium	7440-28-0	ppm-Al	107	U	135	U	69.6	U	94		113		121	U	130		153		101	U	118	U
Titanium	7440-32-6	ppm-Al	28300		31500		32100		34900		48000		33900		32700		31300		32500		30100	
Vanadium	7440-62-2	ppm-Al	2480		2510		2480		2530		2480		2620		2700		2750		2700		2780	
Zinc	7440-66-6	ppm-Al	24500		26500		8610		8380		4490		12700		14700		17400		16500		17500	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB01SED023		NB01SED023		NB01SED023		NB01SED024		NB01SED024		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED025	
		Sample Name	NB01SED023A-02		NB01SED023A-03		NB01SED023A-04		NB01SED024B-01		NB01SED024B-02		NB01SED025B-01		NB01SED025B-02		NB01SED025B-03		NB01SED025B-04		NB01SED025B-05	
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	71.4	U	69.1	U	138		78.8		64.7		206		232		265		274		302	
Arsenic	7440-38-2	ppm-Al	1640		1210		4000		576		435		824		2410		2440		2220		2720	
Barium	7440-39-3	ppm-Al	15600		8710		56400		7440		23000		11000		74400		102000		74400		75600	
Beryllium	7440-41-7	ppm-Al	56.1		55.4		58.5		64		78.4		60.4		61.6		56.9		54.8		57.8	
Cadmium	7440-43-9	ppm-Al	367		101		426		4.5	U	5.4	U	71.4		526		706		420		502	
Calcium	7440-70-2	ppm-Al	551000		635000		276000		842000		1480000		560000		323000		274000		256000		285000	
Chromium	7440-47-3	ppm-Al	12100		6420		18600		4080		3400		4440		13100		17700		14300		14800	
Cobalt	7440-48-4	ppm-Al	719		698		665		655		771		618		545		512		521		538	
Copper	7440-50-8	ppm-Al	13500		6630		42100		4440		2990		5250		31800		39700		42600		42100	
Iron	7439-89-6	ppm-Al	1830000		1880000		1930000		1790000		2030000		2230000		1910000		1600000		1660000		1670000	
Lead	7439-92-1	ppm-Al	8270		6580		40300		4130		2810		5210		33000		45500		39300		39400	
Magnesium	7439-95-4	ppm-Al	466000		484000		446000		537000		622000		456000		367000		359000		363000		380000	
Manganese	7439-96-5	ppm-Al	26900		29900		20000		34700		44000		18300		16400		13400		14600		15700	
Mercury	7439-97-6	ppm-Al	388		122		319		49.3		31.1		76.9		213		303		274		271	
Nickel	7440-02-0	ppm-Al	2500		1940		3040		1910		2060		1900		2290		2510		2690		2640	
Potassium	7440-09-7	ppm-Al	260000		256000		254000		293000		310000		273000		258000		253000		256000		260000	
Selenium	7782-49-2	ppm-Al	56.1		44.6	U	548		54.2	U	64.7	U	72.8	U	246		355		516		440	
Silver	7440-22-4	ppm-Al	153		51.8		239		88.7		48.5		74.2		199		270		228		222	
Sodium	7440-23-5	ppm-Al	376000		356000		520000		552000		359000		342000		369000		424000		385000		383000	
Thallium	7440-28-0	ppm-Al	91.8	U	93.5	U	106	U	123	U	149	U	165	U	99.5	U	104	U	95.9	U	93.3	U
Titanium	7440-32-6	ppm-Al	27000		26900		25000		34000		41700		33500		24800		24400		24700		24800	
Vanadium	7440-62-2	ppm-Al	3030		2430		2630		2510		2650		2770		2980		2570		2480		2480	
Zinc	7440-66-6	ppm-Al	19900		11700		48600		8620		6720		12400		55000		75400		53400		58200	

		Location ID	NB01SED025		NB01SED026		NB01SED026		NB01SED026		NB01SED027		NB01SED027		NB01SED027		NB01SED028		NB01SED028		NB01SED028	
		Sample Name	NB01SED025B-06		NB01SED026A-01		NB01SED026A-02		NB01SED026A-03		NB01SED027A-01		NB01SED027A-02		NB01SED027A-03		NB01SED028C-01		NB01SED028C-02		NB01SED028C-03	
		Date Collected	11/8/2005		11/2/2005		11/2/2005		11/2/2005		11/14/2005		11/14/2005		11/14/2005		11/9/2005		11/9/2005		11/9/2005	
		Depth	5.0-6.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	173		280		161	U	75.5	U							72.9	U	82.5	U	79.8	U
Arsenic	7440-38-2	ppm-Al	3020		1330		857		736		678		678		695		604		773		819	
Barium	7440-39-3	ppm-Al	35100		11300		8630		10600		10300		11500		13000		6720		7010		8300	
Beryllium	7440-41-7	ppm-Al	54.5		57.3		71.7		59.1		69.5		72.7		80		49.5		49		51.1	
Cadmium	7440-43-9	ppm-Al	178		287		65.7		69.1		58.5		54.5		50.5		62.5		92.8		160	
Calcium	7440-70-2	ppm-Al	237000		483000		462000		585000		873000		1120000		1300000		400000		437000		489000	
Chromium	7440-47-3	ppm-Al	11100		11900		4640		4240		4380		4100		3510		5680		7370		8190	
Cobalt	7440-48-4	ppm-Al	559		753		777		691		729		810		857		615		649		633	
Copper	7440-50-8	ppm-Al	27600		12700		4040		4890		4840		4250		3660		6150		7940		8720	
Iron	7439-89-6	ppm-Al	1670000		2110000		2430000		1910000		2020000		2060000		2160000		1830000		1920000		1870000	
Lead	7439-92-1	ppm-Al	30100		10500		3210		3950		4800		4000		3400		6250		8140		8560	
Magnesium	7439-95-4	ppm-Al	387000		475000		448000		455000		586000		629000		688000		500000		541000		488000	
Manganese	7439-96-5	ppm-Al	18100		24900		23900		26800		37500		40000		46100		23800		25100		26300	
Mercury	7439-97-6	ppm-Al	213		260		41.8		51.8		44.1		34.7		23.8		72.9		103		122	
Nickel	7440-02-0	ppm-Al	2500		2610		2110		1800		2150		2240		2300		2350		2980		2130	
Potassium	7440-09-7	ppm-Al	259000		252000		267000		265000		300000		309000		318000		287000		280000		296000	
Selenium	7782-49-2	ppm-Al	371		73.3		104	U	52.7		61.9	U	59.5	U	61	U	46.9	U	50.5	U	47.9	U
Silver	7440-22-4	ppm-Al	198		220		43.8		23.6		110		107		74.3		115		180		191	
Sodium	7440-23-5	ppm-Al	346000		403000		285000		202000		513000		444000		438000		434000		531000		442000	
Thallium	7440-28-0	ppm-Al	84.2	U	113	U	219	U	100	U	127	U	124	U	133	U	99	U	103	U	128	
Titanium	7440-32-6	ppm-Al	25000		30600		24900		24700		40300		45000		46500		30900		28900		31600	
Vanadium	7440-62-2	ppm-Al	2390		3040		2770		2290		2720		2880		3020		2410		2490		2570	
Zinc	7440-66-6	ppm-Al	37100		21300		9000		9180		9830		8760		8230		10400		12700		13900	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB01SED028		NB01SED028		NB01SED028		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED030	
		Sample Name	NB01SED028C-04		NB01SED028C-05		NB01SED028C-06		NB01SED029C-01		NB01SED029C-02		NB01SED029C-03		NB01SED029C-04		NB01SED029C-05		NB01SED029C-06		NB01SED030B-01	
		Date Collected	11/9/2005		11/9/2005		11/9/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5		4.5-5.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	88.4	U	90.3	U	83.3	U	73.2		49.6	U	45.5	U	49.4		41.1	U	52.9		46.5	U
Arsenic	7440-38-2	ppm-Al	1150		2000		3080		561		151		403		159		685		206		569	
Barium	7440-39-3	ppm-Al	11900		13500		9310		6890		7340		9240		7740		8450		8880		9100	
Beryllium	7440-41-7	ppm-Al	53		53.3		44.4		56.1		14.4		36.2		11		54.8		11.2		57.6	
Cadmium	7440-43-9	ppm-Al	497		492		76.4		67.1		67.6		72.4		85.4		107		118		68.8	
Calcium	7440-70-2	ppm-Al	420000		369000		240000		482000		588000		659000		580000		479000		536000		671000	
Chromium	7440-47-3	ppm-Al	18800		22600		8400		4390		4160		4620		5490		5500		6410		4030	
Cobalt	7440-48-4	ppm-Al	674		678		597		591		633		697		732		631		706		632	
Copper	7440-50-8	ppm-Al	18500		17100		11900		5230		5130		5530		6520		6850		8060		5010	
Iron	7439-89-6	ppm-Al	1930000		1830000		1720000		1630000		1680000		1780000		1740000		1660000		1760000		1700000	
Lead	7439-92-1	ppm-Al	19200		14600		15100		5140		4760		5220		6400		6550		7530		4740	
Magnesium	7439-95-4	ppm-Al	444000		459000		370000		477000		126000		366000		140000		535000		123000		507000	
Manganese	7439-96-5	ppm-Al	19900		21100		21300		27400		29800		29900		27300		26400		29700		28600	
Mercury	7439-97-6	ppm-Al	381		407		174		59.1		60.4		61.4		73.2		77.4		100		52.1	
Nickel	7440-02-0	ppm-Al	3070		3370		2940		1880		1980		3120		4980		2770		3680		2060	
Potassium	7440-09-7	ppm-Al	267000		271000		233000		273000		68200		169000		52700		273000		54000		279000	
Selenium	7782-49-2	ppm-Al	55.2	U	87.7		65.3		52.4	U	59	U	53.8	U	51.8	U	48.2	U	50.6	U	76.4	
Silver	7440-22-4	ppm-Al	392		356		83.3		104		28.8		80		29.9		173		40		90.3	
Sodium	7440-23-5	ppm-Al	544000		534000		344000		478000		506000		471000		505000		459000		478000		449000	
Thallium	7440-28-0	ppm-Al	116	U	116	U	139		73.2	U	86.3	U	75.9	U	73.2	U	71.4	U	70.6	U		
Titanium	7440-32-6	ppm-Al	30700		31000		28100		29800		31600		34700		29600		29600		31800		33600	
Vanadium	7440-62-2	ppm-Al	3120		3670		2260		2350		2480		2630		2520		2520		2660		2480	
Zinc	7440-66-6	ppm-Al	29300		28300		19300		10300		2540		6650		2480		11700		2650		9860	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB01SED030		NB01SED031		NB01SED031		NB01SED031		NB01SED032		NB01SED032		NB01SED032		NB01SED032		NB01SED033A		NB01SED033A	
		Sample Name	NB01SED030B-02		NB01SED031A-01		NB01SED031A-02		NB01SED031A-03		NB01SED032A-01		NB01SED032A-02		NB01SED032A-03		NB01SED032A-04		NB01SED033AD-01		NB01SED033AD-02	
		Date Collected	11/15/2005		11/14/2005		11/14/2005		11/14/2005		11/13/2005		11/13/2005		11/13/2005		11/13/2005		12/11/2005		12/11/2005	
		Depth	0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	51.6	U	40.5	U	34.9	U	29.5	U									55	U	50	U
Arsenic	7440-38-2	ppm-Al	707		643		611		521		749		979		1270		2040		658		615	
Barium	7440-39-3	ppm-Al	9750		7740		7200		7580		7490		9210		11900		15400		10000		8010	
Beryllium	7440-41-7	ppm-Al	58.6		47		47.4		47.4		56.7		57.9		57		57.7		61.7		61.5	
Cadmium	7440-43-9	ppm-Al	70.1		77.4		62.9		57.9		81.9		216		503		526		44.2		39.1	
Calcium	7440-70-2	ppm-Al	720000		574000		634000		642000		385000		385000		296000		557000		608000		641000	
Chromium	7440-47-3	ppm-Al	3960		4430		3940		3510		7080		11100		20100		28500		5500		4570	
Cobalt	7440-48-4	ppm-Al	707		583		594		584		655		637		632		667		683		686	
Copper	7440-50-8	ppm-Al	5170		5480		4940		4380		7250		11500		18300		19700		5720		5260	
Iron	7439-89-6	ppm-Al	1870000		1810000		1800000		1710000		1840000		1770000		1770000		1800000		1940000		1910000	
Lead	7439-92-1	ppm-Al	4730		5040		4370		3800		7250		11200		18200		16900		5980		5120	
Magnesium	7439-95-4	ppm-Al	546000		502000		498000		471000		525000		484000		453000		472000		544000		535000	
Manganese	7439-96-5	ppm-Al	36800		29900		30600		29200		24100		22900		19000		19700		31300		35100	
Mercury	7439-97-6	ppm-Al	51		65.5		48		44.7		87.7		242		363		474		74.2		54.5	
Nickel	7440-02-0	ppm-Al	1990		1770		1750		1750		2440		2540		2810		3510		2170		2040	
Potassium	7440-09-7	ppm-Al	273000		274000		270000		268000		280000		285000		274000		281000		284000		273000	
Selenium	7782-49-2	ppm-Al	61.1	U	55.4	U	47.4	U	40.5	U	53.8	U	52.6	U	82.9		115		133		128	
Silver	7440-22-4	ppm-Al	102		107		103		89.5		175		274		415		455		142		141	
Sodium	7440-23-5	ppm-Al	568000		530000		422000		305000		479000		532000		591000		587000		592000		531000	
Thallium	7440-28-0	ppm-Al			101	U	85.7	U	73.7	U	111	U	111	U	114	U	115	U	91.7	U	83.3	U
Titanium	7440-32-6	ppm-Al	33500		32100		32600		29300		29800		31500		30200		31600		35300		35800	
Vanadium	7440-62-2	ppm-Al	2630		2330		2410		2260		2410		2650		3030		3830		2640		2690	
Zinc	7440-66-6	ppm-Al	10600		9760		8860		7790		12100		18500		29000		32900		12700		11200	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB01SED034A		NB01SED034A		NB01SED034A		NB01SED035A		NB01SED036		NB01SED036		NB01SED036		NB01SED037		NB01SED037		NB01SED037	
		Sample Name	NB01SED034AC-01		NB01SED034AC-02		NB01SED034AC-03		NB01SED035AC-01		NB01SED036F-01		NB01SED036F-02		NB01SED036F-03		NB01SED037C-01		NB01SED037C-02		NB01SED037C-03	
		Date Collected	12/11/2005		12/11/2005		12/11/2005		12/11/2005		11/27/2005		11/27/2005		11/27/2005		11/14/2005		11/14/2005		11/14/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	55.3	U	45.5	U	43.3	U	63.9	U	177		86.5		45.4	U	40.4		84.4		158	
Arsenic	7440-38-2	ppm-Al	593		588		650		646		709		572		477		661		1130		1920	
Barium	7440-39-3	ppm-Al	7090		7380		7500		9050		34300		23900		8660		7350		9960		10400	
Beryllium	7440-41-7	ppm-Al	55.3		59.7		61.1		59.9		51.2		52.9		55.6		44.5		46.4		43.6	
Cadmium	7440-43-9	ppm-Al	50.3		33.9		50		53.1		346		192		43.5		89.8		300		418	
Calcium	7440-70-2	ppm-Al	465000		578000		606000		563000		389000		431000		495000		382000		527000		1000000	
Chromium	7440-47-3	ppm-Al	4910		4400		5230		5280		10400		6880		4410		7360		16200		36800	
Cobalt	7440-48-4	ppm-Al	603		638		656		660		598		572		569		599		612		636	
Copper	7440-50-8	ppm-Al	5930		5450		6390		7010		14500		10600				7170		13100		18700	
Iron	7439-89-6	ppm-Al	1780000		1840000		1870000		1950000		2280000		2090000		1760000		1820000		1780000		1860000	
Lead	7439-92-1	ppm-Al	6030		5270		5940		7140		34700		19600		6340		6840		10800		16000	
Magnesium	7439-95-4	ppm-Al	494000		508000		524000		554000		472000		472000		481000		488000		464000		447000	
Manganese	7439-96-5	ppm-Al	30900		31300		31000		29500		18700		20400		25300		22000		21400		19100	
Mercury	7439-97-6	ppm-Al	65.3		62.3		83.3		74.8		94.5		72.1		69.4		113		346		400	
Nickel	7440-02-0	ppm-Al	1830		1960		2220		1970		2600		2090		1730		2260		2630		3020	
Potassium	7440-09-7	ppm-Al	276000		280000		273000		277000		261000		263000		288000		250000		262000		260000	
Selenium	7782-49-2	ppm-Al	121		79.4		72.2		116		165		62.5	U	74.1		50.4	U	54.9	U	66.7	U
Silver	7440-22-4	ppm-Al	136		144		194		143		161		135		120		157		291		388	
Sodium	7440-23-5	ppm-Al	653000		534000		463000		762000		850000		620000		481000		429000		485000		585000	
Thallium	7440-28-0	ppm-Al	90.5	U	75.9	U	106		109	U	165	U	149		106	U	90	U	92.8	U	115	U
Titanium	7440-32-6	ppm-Al	32100		32400		32300		31400		33700		30800		29200		29800		31200		31800	
Vanadium	7440-62-2	ppm-Al	2430		2550		2510		2500		3200		2770		2410		2340		2870		3860	
Zinc	7440-66-6	ppm-Al	12200		11100		11600		15300		57500		35600		13600		11500		21000		28800	

		Location ID	NB01SED037		NB01SED038		NB01SED038		NB01SED038		NB01SED038		NB01SED039		NB01SED039		NB01SED039		NB01SED039		NB01SED040	
		Sample Name	NB01SED037C-04		NB01SED038A-01		NB01SED038A-02		NB01SED038A-03		NB01SED038A-04		NB01SED039A-01		NB01SED039A-02		NB01SED039A-03		NB01SED039A-04		NB01SED040A-01	
		Date Collected	11/14/2005		11/20/2005		11/20/2005		11/20/2005		11/20/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/15/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	50.1	U	70.9	U	55.2	U	54.7	U	70.2	U	95.7	U	102	U	94.2	U	94	U	87	
Arsenic	7440-38-2	ppm-Al	713		995		648		604		620		1360		2360		738		470		1130	
Barium	7440-39-3	ppm-Al	2760		4630		2710		2620		2580		9740		10000		3300		2820		27200	
Beryllium	7440-41-7	ppm-Al	39		51		48.6		50		50.3		50.4		47.2		43.7		44.4		10.9	
Cadmium	7440-43-9	ppm-Al	52.3		28.6		3.3	U	3.3	U	4.3	U	139		94.5		25.2		24.8		174	
Calcium	7440-70-2	ppm-Al	9130000										479000		269000		322000		190000		261000	
Chromium	7440-47-3	ppm-Al	2120		8560		1770		1760		1780		10300		8660		2100		1850		16600	
Cobalt	7440-48-4	ppm-Al	579		659		590		623		634		626		606		602		615		696	
Copper	7440-50-8	ppm-Al	1020		3460		952		802		806		9130		9290		1560		752		23700	
Iron	7439-89-6	ppm-Al	1820000		1720000		1810000		1950000		1910000		1870000		1800000		1720000		1750000		1990000	
Lead	7439-92-1	ppm-Al	791		6030		1060		642		606		10300		10900		1580		752		28200	
Magnesium	7439-95-4	ppm-Al	472000		388000		392000		414000		408000		442000		405000		406000		409000		85300	
Manganese	7439-96-5	ppm-Al	44100		18900		27400		32600		24700		21000		20400		25000		25200		18200	
Mercury	7439-97-6	ppm-Al	1.3		78.4		1.3		0.3	U	0.47		157		181		21.4		1.4		299	
Nickel	7440-02-0	ppm-Al	1380		1730		1350		1410		1380		2300		2630		1520		1570		4870	
Potassium	7440-09-7	ppm-Al	268000										271000		264000		253000		250000		51400	
Selenium	7782-49-2	ppm-Al	67.9	U	107		87.6		94.3		99.8		54.8	U	59.1		56.3	U	52.1	U	141	
Silver	7440-22-4	ppm-Al	11.1		39.8		20	U	19.8	U	26.2	U	122		54.3		18.4	U	17.1	U	30.4	
Sodium	7440-23-5	ppm-Al	464000		285000		261000		259000		220000		380000		387000		268000		261000		554000	
Thallium	7440-28-0	ppm-Al	122	U	106	U	83.8		88.7		105		104		142		155		75.2	U	87	U
Titanium	7440-32-6	ppm-Al	29800		26900		25500		25600		28400		33000		32500		34900		32400		27100	
Vanadium	7440-62-2	ppm-Al	2150		2430		2270		2310		2310		2500		2430		2250		2220		2610	
Zinc	7440-66-6	ppm-Al	4000		9140		3860		3870		3900		16600		17200		5030		4030		8800	

		Location ID	NB01SED040		NB01SED040		NB01SED040		NB01SED041		NB01SED041		NB01SED041		NB01SED041		NB01SED042		NB01SED042		NB01SED042	
		Sample Name	NB01SED040A-02		NB01SED040A-03		NB01SED040A-04		NB01SED041A-01		NB01SED041A-02		NB01SED041A-03		NB01SED041A-04		NB01SED042B-01		NB01SED042B-02		NB01SED042B-03	
		Date Collected	11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		12/5/2005		12/5/2005		12/5/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	43.5	U	51		38.5	U	96.5		179		161		64.2		53.2	U	44	U	49.6	U
Arsenic	7440-38-2	ppm-Al	982		1120		1010		1360		4390		3630		2930		830		624		716	
Barium	7440-39-3	ppm-Al	13700		11000		9130		20600		180000		157000		135000		8300		8510		8230	
Beryllium	7440-41-7	ppm-Al	10.6		10.3		10.6		60.5		63.6		67.7		58.8		48.2		48.2		46.1	
Cadmium	7440-43-9	ppm-Al	141		129		125		500		1490		646		524		142		68.8		85.1	
Calcium	7440-70-2	ppm-Al	207000		208000		185000		2270000		235000		274000		209000		550000		1160000		1030000	
Chromium	7440-47-3	ppm-Al	14500		11700		13200		17600		59000		34000		26700		7870		5840		6330	
Cobalt	7440-48-4	ppm-Al	694		658		635		667		723		698		631		702		674		667	
Copper	7440-50-8	ppm-Al	17700		18800		21200		9470		27700		20900		19000		7380		6180		6820	
Iron	7439-89-6	ppm-Al	1730000		1750000		1720000		1760000		2050000		1880000		1790000		2050000		2050000		1990000	
Lead	7439-92-1	ppm-Al	18600		19300		19900		19600		61800		49600		50900		7070		6200		6890	
Magnesium	7439-95-4	ppm-Al	80000		78700		79300		499000		454000		482000		395000		520000		566000		556000	
Manganese	7439-96-5	ppm-Al	18100		19000		20200		25600		19800		19800		18300		29200		30000		31500	
Mercury	7439-97-6	ppm-Al	241		155		178		158		387		281		225		184		85.1		99.3	
Nickel	7440-02-0	ppm-Al	4070		4130		3560		2150		3260		2850		2600		2420		2520		2700	
Potassium	7440-09-7	ppm-Al	49400		46600		44700		286000		253000		273000		261000		245000		251000		251000	
Selenium	7782-49-2	ppm-Al	51.8	U	49	U	45.2	U	58.8	U	104		62.5	U	128		63.1	U	51.8	U	58.9	U
Silver	7440-22-4	ppm-Al	26.5		25.8		25.5		114		289		198		187		199		135		170	
Sodium	7440-23-5	ppm-Al	437000		364000		342000		389000		561000		515000		439000		489000		495000		562000	
Thallium	7440-28-0	ppm-Al	70.6	U	71	U	62.5	U	79.8	U	86.7	U	83.3	U	69.5	U	128	U	106	U	121	U
Titanium	7440-32-6	ppm-Al	26800		27600		24800		29900		28600		27100		27000		32900		33600		30600	
Vanadium	7440-62-2	ppm-Al	2310		2210		2150		2320		2770		2660		2510		2630		2550		2510	
Zinc	7440-66-6	ppm-Al	5440		6370		5820		26600		172000		119000		121000		14700		12100		12600	

		Location ID	NB01SED043		NB01SED043		NB01SED043		NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED045	
		Sample Name	NB01SED043C-01		NB01SED043C-02		NB01SED043C-03		NB01SED044A-01		NB01SED044A-02		NB01SED044A-03		NB01SED044A-04		NB01SED044A-05		NB01SED044A-06		NB01SED045B-01	
		Date Collected	11/20/2005		11/20/2005		11/20/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005		12/6/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	43.5	U	44.9	U	39.2	U	49.6	U	51.1	U	64.2		107		42.1	U	72.6		71.3	U
Arsenic	7440-38-2	ppm-Al	627		735		586		649		872		1070		1050		1080		1740		1890	
Barium	7440-39-3	ppm-Al	8250		7300		7570		8820		10100		10800		10800		11000		13000		12100	
Beryllium	7440-41-7	ppm-Al	56.5		56.1		55.2		55.4		53.2		55		56.1		56.1		53.6		57.9	
Cadmium	7440-43-9	ppm-Al	40.1		56.1		53		55.8		250		459		416		379		416		189	
Calcium	7440-70-2	ppm-Al							414000		363000		277000		317000		407000		511000		404000	
Chromium	7440-47-3	ppm-Al	5080		5820		4840		7110		12900		18000		17300		18600		21800		18400	
Cobalt	7440-48-4	ppm-Al	627		602		630		625		665		656		584		614		650		690	
Copper	7440-50-8	ppm-Al	5760		6530		5510		7370		13300		18500		14800		13100		14300		11900	
Iron	7439-89-6	ppm-Al	1800000		1860000		1770000		1800000		1820000		1770000		1640000		1640000		1630000		1870000	
Lead	7439-92-1	ppm-Al	5330		6430		4700		7760		14000		19400		16600		12900		11000		11200	
Magnesium	7439-95-4	ppm-Al	529000		495000		513000		494000		459000		415000		398000		428000		429000		452000	
Manganese	7439-96-5	ppm-Al	26500		26300		30000		22700		21800		18900		18500		20800		23400		21600	
Mercury	7439-97-6	ppm-Al	62.1		76.5		66.3		136		394		532		393		312		426		334	
Nickel	7440-02-0	ppm-Al	2220		1970		1720		2490		2880		2980		2360		2430		2680		3010	
Potassium	7440-09-7	ppm-Al							257000		252000		244000		245000		263000		259000		258000	
Selenium	7782-49-2	ppm-Al	113		107		93.9								43.9	U	45.6	U			78	U
Silver	7440-22-4	ppm-Al	113		153		116		163		271		413		313		256		265		189	
Sodium	7440-23-5	ppm-Al	463000		684000		427000		397000		431000		472000		387000		368000		325000		409000	
Thallium	7440-28-0	ppm-Al	67.8	U	96.9		93.9		114	U	117	U	106	U	93.5	U	91.2	U	82	U		
Titanium	7440-32-6	ppm-Al	29100		24800		26800		31500		29800		26800		27900		27400		26200		39600	
Vanadium	7440-62-2	ppm-Al	2440		2390		2330		2450		2650		2800		2880		2820		3150		2820	
Zinc	7440-66-6	ppm-Al	10500		11700		8840		13600		25300		34100		26700		24400		27600		21600	

		Location ID	NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED046		NB01SED046		NB01SED046		NB01SED047		NB01SED047	
		Sample Name	NB01SED045B-02		NB01SED045B-03		NB01SED045B-04		NB01SED045B-05		NB01SED045B-06		NB01SED046E-01		NB01SED046E-02		NB01SED046E-03		NB01SED047A-01		NB01SED047A-02	
		Date Collected	12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/5/2005		12/5/2005		12/5/2005		11/17/2005		11/17/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	111		50.4	U	47.4	U	45.6	U	51.2	U	41.4	U	84.2		39.5	U	88.1	U	90.4	U
Arsenic	7440-38-2	ppm-Al	3420		861		344		525		457		607		1150		1230		834		851	
Barium	7440-39-3	ppm-Al	12500		3680		2820		2780		1680		9310		12400		10500		8030		7610	
Beryllium	7440-41-7	ppm-Al	59		51.1		49.4		50.6		38.8		50.3		52.6		55.6		49.7		50.5	
Cadmium	7440-43-9	ppm-Al	127		11.7		7.1	U	6.9	U	7.4	U	117		468		266		130		144	
Calcium	7440-70-2	ppm-Al	2820000		745000		151000		146000		96100		574000		473000		984000		431000		421000	
Chromium	7440-47-3	ppm-Al	14900		2870		1840		1830		1410		7100		17100		14600		7250		8140	
Cobalt	7440-48-4	ppm-Al	694		599		604		600		457		648		668		806		617		644	
Copper	7440-50-8	ppm-Al	12600		2890		610		681		527		6790		14900		8710		8860		9630	
Iron	7439-89-6	ppm-Al	2070000		1690000		1750000		1790000		1470000		1940000		1990000		2270000		1870000		1880000	
Lead	7439-92-1	ppm-Al	15400		3800		617		644		457		7030		15900		8950		7880		8720	
Magnesium	7439-95-4	ppm-Al	462000		403000		415000		403000		284000		514000		474000		556000		509000		537000	
Manganese	7439-96-5	ppm-Al	25100		32100		29500		29100		17400		27500		24600		34800		29000		28800	
Mercury	7439-97-6	ppm-Al	266		87.6		1.4		1.8		1.6		228		184		202		140		170	
Nickel	7440-02-0	ppm-Al	3120		1500		1370		1380		969		2260		2780		2430		2220		2860	
Potassium	7440-09-7	ppm-Al	261000		255000		255000		254000		157000		256000		238000		228000		282000		277000	
Selenium	7782-49-2	ppm-Al	116		54.7	U	51.9	U	50	U	55.8	U	49.7	U	45.8	U	46.8	U	67.4		51.1	U
Silver	7440-22-4	ppm-Al	116		29.9		11.7		13.1		17.8		145		326		161		171		202	
Sodium	7440-23-5	ppm-Al	490000		290000		289000		296000		232000		447000		471000		292000		560000		574000	
Thallium	7440-28-0	ppm-Al					110	U	106	U	116	U	103	U	94.7	U	96.8	U	98.4		122	
Titanium	7440-32-6	ppm-Al	36100		30700		29500		27800		25400		33000		30300		30000		29600		29100	
Vanadium	7440-62-2	ppm-Al	2720		2280		2210		2330		1980		2590		3130		2900		2510		2550	
Zinc	7440-66-6	ppm-Al	25300		6980		3970		3880		2840		13500		25200		16500		14500		15200	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB01SED047		NB01SED048		NB01SED048		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED050	
		Sample Name	NB01SED047A-03		NB01SED048A-01		NB01SED048A-02		NB01SED049C-01		NB01SED049C-02		NB01SED049C-03		NB01SED049C-04		NB01SED049C-05		NB01SED049C-06		NB01SED050A-01	
		Date Collected	11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		12/4/2005	
		Depth	1.5-3.0		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	71.8	U	96.3	U	76.1	U	83.6	U	70.3	U	67.7	U	58.2	U	75.9		61.9	U	49.1	U
Arsenic	7440-38-2	ppm-Al	724		652		603		1750		2920		1720		1540		1280		1420		679	
Barium	7440-39-3	ppm-Al	7130		8880		8750		9650		9220		9020		7820		10700		8810		3640	
Beryllium	7440-41-7	ppm-Al	51.9		51.9		52.2		43.3		36.7		37.6		35.4		46.4		44.2		40.6	
Cadmium	7440-43-9	ppm-Al	144		90.9		87		304		344		353		352		198		319		35.8	
Calcium	7440-70-2	ppm-Al	619000		556000		696000		381000		351000		367000		324000		400000		460000		840000	
Chromium	7440-47-3	ppm-Al	6740		5210		5100		8190		9260		8200		7190		7220		9160		3900	
Cobalt	7440-48-4	ppm-Al	624		610		620		602		613		613		585		599		615		670	
Copper	7440-50-8	ppm-Al	7680		6420		6200		15800		21200		22500		29600		12200		15400		2170	
Iron	7439-89-6	ppm-Al	1810000		1850000		1790000		1850000		1690000		1790000		1760000		1960000		1830000		1970000	
Lead	7439-92-1	ppm-Al	6850		5830		5760		13200		15200		15400		15300		11400		13300		2110	
Magnesium	7439-95-4	ppm-Al	478000		513000		503000		432000		359000		371000		322000		456000		417000		438000	
Manganese	7439-96-5	ppm-Al	28700		28200		27000		21700		18200		18000		15000		23400		22200		29800	
Mercury	7439-97-6	ppm-Al	155		139		103		3270		6290		10600		19200		2260		3340		34	
Nickel	7440-02-0	ppm-Al	1830		1850		1940		2660		3650		2980		3060		2380		2460		1680	
Potassium	7440-09-7	ppm-Al	275000		296000		285000		248000		216000		217000		177000		262000		258000		244000	
Selenium	7782-49-2	ppm-Al	42	U	58.8		51.1		49.2	U	43	U	71.4		70.9		42.2	U	37.2	U	57.5	U
Silver	7440-22-4	ppm-Al	166		90.9		103		673		1160		1190		1560		422		597		49.1	
Sodium	7440-23-5	ppm-Al	369000		615000		513000		534000		473000		451000		397000		481000		383000		378000	
Thallium	7440-28-0	ppm-Al	71.8		134		76.1		138		93.8		67.7		98.7		63.3	U	124		123	U
Titanium	7440-32-6	ppm-Al	29200		29600		28300		27400		23800		24300		20800		28600		26500		30400	
Vanadium	7440-62-2	ppm-Al	2410		2340		2310		2580		2430		2470		2180		2660		2560		2320	
Zinc	7440-66-6	ppm-Al	12800		12400		11100		26000		29000		29000		31100		22200		26400		7180	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB01SED050		NB01SED050		NB01SED050		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED052	
		Sample Name	NB01SED050A-02		NB01SED050A-03		NB01SED050A-04		NB01SED051D-01		NB01SED051D-02		NB01SED051D-03		NB01SED051D-04		NB01SED051D-05		NB01SED051D-06		NB01SED052B-01	
		Date Collected	12/4/2005		12/4/2005		12/4/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		11/30/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	38.4	U	46.7	U	56.5	U	46	U	54.3		94.1		38.4	U	48.5		47.8	U	48.2	U
Arsenic	7440-38-2	ppm-Al	543		590		483		897		1110		1240		771		2290		2260		712	
Barium	7440-39-3	ppm-Al	2620		2480		2340		10600		11900		9800		7150		13800		13500		8880	
Beryllium	7440-41-7	ppm-Al	42.4		40.2		35.3		51.6		48.6		54.5		60.1		58.3		54.7		54.2	
Cadmium	7440-43-9	ppm-Al	13.9		13.1		14.1		167		514		421		248		490		731		74.5	
Calcium	7440-70-2	ppm-Al	164000		157000		141000		475000		402000		668000		747000		375000		322000		413000	
Chromium	7440-47-3	ppm-Al	1970		1800		1700		9440		19500		17600		11500		29600		49800		7830	
Cobalt	7440-48-4	ppm-Al	623		623		589		738		731		723		692		631		592		659	
Copper	7440-50-8	ppm-Al	768		730		754		9760		18500		11800		7340		17400		22700		7900	
Iron	7439-89-6	ppm-Al	2060000		2010000		1840000		2270000		2130000		2110000		1740000		1760000		1630000		1810000	
Lead	7439-92-1	ppm-Al	735		689		636		10500		20100		13000		8020		17700		18900		8670	
Magnesium	7439-95-4	ppm-Al	415000		411000		379000		551000		481000		495000		481000		419000		399000		508000	
Manganese	7439-96-5	ppm-Al	31900		31400		25400		24900		23100		27800		29700		20700		17100		25400	
Mercury	7439-97-6	ppm-Al	3.3		1.9		1		198		640		347		163		471		731		146	
Nickel	7440-02-0	ppm-Al	1420		1430		1390		2900		3530		2640		2120		2760		3460		2460	
Potassium	7440-09-7	ppm-Al	238000		231000		219000		235000		242000		258000		290000		254000		254000		235000	
Selenium	7782-49-2	ppm-Al	45.7	U	54.9	U	67.1	U	54.8	U	53.1	U	41.6	U	42.4	U	77.7		89.6		53.5	U
Silver	7440-22-4	ppm-Al	15.9		13.1		15.3		198		400		233		148		335		473		145	
Sodium	7440-23-5	ppm-Al	347000		366000		304000		404000		504000		423000		274000		378000		432000		453000	
Thallium	7440-28-0	ppm-Al	92.7	U	115	U	141	U	111	U	109	U	84.2	U	87.9	U			109	U	81.6	U
Titanium	7440-32-6	ppm-Al	27700		27700		27200		32900		31200		27400		26700		27100		27900		33500	
Vanadium	7440-62-2	ppm-Al	2290		2270		2120		2750		3020		2960		2560		3300		4340		2550	
Zinc	7440-66-6	ppm-Al	4150		4040		3830		19700		38700		23200		15400		31200		42600		16500	

		Location ID	NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED053		NB01SED053		NB01SED053		NB01SED053		NB01SED053	
		Sample Name	NB01SED052B-02		NB01SED052B-03		NB01SED052B-04		NB01SED052B-05		NB01SED052B-06		NB01SED053B-01		NB01SED053B-02		NB01SED053B-03		NB01SED053B-04		NB01SED053B-05	
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005	
		Depth	0.5-1.5		1.5-3.5		3.5-6.0		6.0-8.5		8.5-11.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	48.2	U	49.2	U	86.5		84.6		90.5		49.3	U	37.4	U	36.1	U	32.9	U	33.3	U
Arsenic	7440-38-2	ppm-Al	878		1040		1000		1600		2520		775		531		625		566		631	
Barium	7440-39-3	ppm-Al	10100		12100		8990		10700		13700		4750		2620		2590		2610		2790	
Beryllium	7440-41-7	ppm-Al	55.5		56.4		57.7		54.7		57.1		45.1		44.9		43.8		43.9		42.3	
Cadmium	7440-43-9	ppm-Al	213		554		385		468		643		53.2		18.4		8.3		5.1	U	5.1	U
Calcium	7440-70-2	ppm-Al	436000		366000		543000		522000		457000		407000		154000		167000		158000		144000	
Chromium	7440-47-3	ppm-Al	11800		23800		17100		26900		35700		5050		1950		1990		1810		1780	
Cobalt	7440-48-4	ppm-Al	707		779		659		662		700		676		626		639		647		601	
Copper	7440-50-8	ppm-Al	11800		22300		12500		15700		20400		3080		735		722		705		720	
Iron	7439-89-6	ppm-Al	1910000		1760000		1690000		1710000		1800000		2060000		2000000		2110000		2110000		2330000	
Lead	7439-92-1	ppm-Al	12500		23200		16200		15400		17000		6780		741		736		682		673	
Magnesium	7439-95-4	ppm-Al	485000		432000		460000		440000		419000		454000		441000		440000		429000		413000	
Manganese	7439-96-5	ppm-Al	27100		20800		25400		23100		20400		27200		29700		28800		29100		23200	
Mercury	7439-97-6	ppm-Al	311		667		389		537		771		61.1		3.8		3.3		2.2		1.9	
Nickel	7440-02-0	ppm-Al	2650		3930		2450		2910		3710		1950		1500		1510		1490		1460	
Potassium	7440-09-7	ppm-Al	236000		227000		242000		243000		227000		236000		237000		232000		227000		222000	
Selenium	7782-49-2	ppm-Al	53	U	123		40.9	U	39.8	U	124		58.7	U	44.2	U	43.1	U	39.3	U	39.9	U
Silver	7440-22-4	ppm-Al	262		415		240		308		362		52.5		6.8		12.5		9.3		13.7	
Sodium	7440-23-5	ppm-Al	481000		585000		387000		410000		514000		336000		307000		275000		276000		260000	
Thallium	7440-28-0	ppm-Al	79.3	U	82.1	U	62.5	U	59.7	U			122	U	88.4	U	90.3	U	80.9	U	83.3	U
Titanium	7440-32-6	ppm-Al	30900		29400		29000		29000		28000		32100		28000		26900		25200		24400	
Vanadium	7440-62-2	ppm-Al	2820		2980		2900		3490		3870		2390		2310		2320		2260		2270	
Zinc	7440-66-6	ppm-Al	22100		46700		25300		34100		46900		8450		4210		4350		4210		4100	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB01SED053		NB01SED054		NB01SED054		NB01SED054		NB01SED054		NB01SED055		NB01SED055		NB01SED055		NB01SED056		NB01SED056	
		Sample Name	NB01SED053B-06		NB01SED054A-01		NB01SED054A-02		NB01SED054A-03		NB01SED054A-04		NB01SED055D-01		NB01SED055D-02		NB01SED055D-03		NB01SED056B-01		NB01SED056B-02	
		Date Collected	12/4/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005	
		Depth	5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	37.2	U	66	U	66	U	71.5	U	66.6	U	53.9	U	52.7	U	40	U	46.6	U	38.3	U
Arsenic	7440-38-2	ppm-Al	1470		563		611		179		123		525		733		1010		910		883	
Barium	7440-39-3	ppm-Al	3390		3560		2620		1400		828		7940		9520		11200		10100		8300	
Beryllium	7440-41-7	ppm-Al	24		54.4		50.1		32.8		29.6		57.4		64.1		60		60.9		63.8	
Cadmium	7440-43-9	ppm-Al	14.9		3.9	U	3.9	U	4.3	U	4	U	34		72.3		168		218		293	
Calcium	7440-70-2	ppm-Al	107000		278000		855000		209000		89800		510000		992000		800000		409000		654000	
Chromium	7440-47-3	ppm-Al	1170		3200		2150		1300		1090		6430		8670		12600		11500		13900	
Cobalt	7440-48-4	ppm-Al	289		786		721		387		370		695		806		704		707		723	
Copper	7440-50-8	ppm-Al	289		3070		1420		522		518		6460		7560		7640		11200		10100	
Iron	7439-89-6	ppm-Al	2080000		1990000		2050000		1290000		1140000		1900000		2000000		1770000		1860000		1820000	
Lead	7439-92-1	ppm-Al	364		5280		2780		432		355		6740		7690		7460		13000		11500	
Magnesium	7439-95-4	ppm-Al	158000		461000		439000		280000		206000		541000		539000		500000		482000		509000	
Manganese	7439-96-5	ppm-Al	7100		31200		31500		18200		10900		29000		28700		30100		23200		28800	
Mercury	7439-97-6	ppm-Al	2.4		26.2		9.9		1		1.3		113		217		160		233		234	
Nickel	7440-02-0	ppm-Al	653		1940		1590		984		902		2210		2630		2090		2800		2470	
Potassium	7440-09-7	ppm-Al	71900		209000		205000		121000		70900		250000		258000		269000		240000		251000	
Selenium	7782-49-2	ppm-Al	47.9		97.1		73.3	U	79	U	74	U	60.3	U	71.3		44	U	57.9		42.6	U
Silver	7440-22-4	ppm-Al	9.9		28.2		11.9	U	13	U	12	U	128		134		128		195		186	
Sodium	7440-23-5	ppm-Al	179000		427000		395000		277000		192000		604000		462000		314000		427000		388000	
Thallium	7440-28-0	ppm-Al	90.9	U	107	U	106	U	116	U	107	U	92.2	U	85.7	U	64.8	U	75.2	U	63.8	U
Titanium	7440-32-6	ppm-Al	20700		30400		31200		25500		21600		32100		30900		29700		32800		30200	
Vanadium	7440-62-2	ppm-Al	2430		2550		2440		2030		1780		2550		2700		2690		2710		2810	
Zinc	7440-66-6	ppm-Al	1900		8100		5090		3340		2800		13200		14500		14100		23800		20700	

		Location ID	NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED057		NB01SED057		NB01SED057		NB01SED057		NB01SED058		NB01SED058	
		Sample Name	NB01SED056B-03		NB01SED056B-04		NB01SED056B-05		NB01SED056B-06		NB01SED057B-01		NB01SED057B-02		NB01SED057B-03		NB01SED057B-04		NB01SED058B-01		NB01SED058B-02	
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		11/21/2005		11/21/2005	
		Depth	1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	49.7	U	93.5		45.5	U	130		57.5	U	58.9	U	55.6	U	66.3	U	44.2	U	63.8	U
Arsenic	7440-38-2	ppm-Al	2120		2170		1810		2450		712		1010		1420		2700		680		1900	
Barium	7440-39-3	ppm-Al	13700		12900		14500		17000		7050		8970		11800		12800		7380		13200	
Beryllium	7440-41-7	ppm-Al	61.5		60.7		59.9		57.7		56.8		60.3		55.6		57.2		53.5		53.2	
Cadmium	7440-43-9	ppm-Al	538		565		365		697		95.9		288		458		651		116		441	
Calcium	7440-70-2	ppm-Al	518000		593000		916000		417000		284000		456000		289000		355000		227000		398000	
Chromium	7440-47-3	ppm-Al	32700		32900		30200		47400		8840		16100		27600		34100		10600		39000	
Cobalt	7440-48-4	ppm-Al	718		710		725		639		630		753		625		771		581		686	
Copper	7440-50-8	ppm-Al	19500		17800		15600		24400		7810		13900		17300		18900		9130		16600	
Iron	7439-89-6	ppm-Al	1930000		1780000		1930000		1800000		1880000		2070000		1760000		1980000		1770000		1940000	
Lead	7439-92-1	ppm-Al	19100		16000		15000		26700		8420		15500		16900		15500		11200		18400	
Magnesium	7439-95-4	ppm-Al	458000		481000		531000		428000		460000		478000		411000		460000		417000		424000	
Manganese	7439-96-5	ppm-Al	21800		25200		31000		20800		22100		23400		18400		23400		17900		20400	
Mercury	7439-97-6	ppm-Al	708		505		335		736		164		404		565		681		169		457	
Nickel	7440-02-0	ppm-Al	3470		3750		2940		3500		2230		2950		2830		3800		2190		3660	
Potassium	7440-09-7	ppm-Al	226000		248000		246000		227000		255000		247000		240000		216000					
Selenium	7782-49-2	ppm-Al	123		107		50.3	U	91.3		63	U	64.4	U	60.2	U	72.3	U				
Silver	7440-22-4	ppm-Al	369		304		251		462		185		315		356		355		180		309	
Sodium	7440-23-5	ppm-Al	554000		454000		371000		432000		377000		476000		458000		512000		312000		370000	
Thallium	7440-28-0	ppm-Al	82.1	U	70.1	U	77.8	U	67.3	U	130	U	137	U					151		138	U
Titanium	7440-32-6	ppm-Al	29700		29200		31400		28500		30800		27800		28800		24600		31200		31200	
Vanadium	7440-62-2	ppm-Al	3920		3650		3400		4140		2470		2750		3350		3890		2620		4620	
Zinc	7440-66-6	ppm-Al	43300		41300		31800		44200		14800		27000		33600		42300		18500		43200	

		Location ID	NB01SED058		NB01SED058		NB01SED059		NB01SED059		NB01SED059		NB01SED059		NB01SED060		NB01SED060		NB01SED060		NB01SED060	
		Sample Name	NB01SED058B-03		NB01SED058B-04		NB01SED059A-01		NB01SED059A-02		NB01SED059A-03		NB01SED059A-04		NB01SED060B-01		NB01SED060B-02		NB01SED060B-03		NB01SED060B-04	
		Date Collected	11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005		12/8/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005	
		Depth	1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	42	U	41.1	U	86.6		46.9	U	40.1	U	38.4	U	47.6	U	50	U	51.6	U	45.2	U
Arsenic	7440-38-2	ppm-Al	1260		609		728		593		578		591		583		756		689		817	
Barium	7440-39-3	ppm-Al	5540		2610		4870		3210		2720		2710		7260		7390		8140		8390	
Beryllium	7440-41-7	ppm-Al	52.3		52.1		52.3		49		49.5		49.3		54.8		55.7		56.5		59.1	
Cadmium	7440-43-9	ppm-Al	85.2		6.3	U	8.4	U	6.8	U	6.3	U	25.6		39.3		56.8		87		156	
Calcium	7440-70-2	ppm-Al	164000		144000		212000		180000		130000		174000		374000		443000		366000		481000	
Chromium	7440-47-3	ppm-Al	17000		2270		5700		2510		1820		1870		7080		9030		10100		10900	
Cobalt	7440-48-4	ppm-Al	602		635		637		600		589		596		601		648		652		629	
Copper	7440-50-8	ppm-Al	8180		760		4950		1500		651		631		5700		7050		8070		9410	
Iron	7439-89-6	ppm-Al	1830000		2030000		1840000		1760000		1820000		1840000		1820000		1930000		1920000		1850000	
Lead	7439-92-1	ppm-Al	6310		792		5350		1470		635		626		6370		7730		8630		9300	
Magnesium	7439-95-4	ppm-Al	385000		419000		426000		403000		402000		394000		467000		492000		502000		468000	
Manganese	7439-96-5	ppm-Al	24600		31800		22500		30900		31400		30700		25400		28200		26500		26000	
Mercury	7439-97-6	ppm-Al	188		4.2		78.7		6.8		1.3		0.89		131		136		180		210	
Nickel	7440-02-0	ppm-Al	1870		1480		1850		1430		1350		1330		1930		2200		2300		2110	
Potassium	7440-09-7	ppm-Al					243000		250000		257000		253000									
Selenium	7782-49-2	ppm-Al					59.2	U	51.7	U	44.3	U	41.9	U								
Silver	7440-22-4	ppm-Al	119		20.8		110		41.4		22.9		22.2		125		159		205		253	
Sodium	7440-23-5	ppm-Al	241000		224000		294000		285000		273000		262000		377000		432000		435000		402000	
Thallium	7440-28-0	ppm-Al	148		177		124		117		109		88.7	U	107	U	114	U	124		151	
Titanium	7440-32-6	ppm-Al	27800		24400		29000		28300		26200		26600		30900		28600		29000		28700	
Vanadium	7440-62-2	ppm-Al	2750		2400		2420		2300		2310		2310		2440		2530		2560		2590	
Zinc	7440-66-6	ppm-Al	12300		4170		10300		5040		3900		3880		11100		13000		14300		15900	

		Location ID	NB01SED061		NB01SED061		NB01SED062		NB01SED062		NB01SED062		NB01SED062		NB01SED063		NB01SED063		NB01SED063		NB01SED063	
		Sample Name	NB01SED061A-01		NB01SED061A-02		NB01SED062A-01		NB01SED062A-02		NB01SED062A-03		NB01SED062A-04		NB01SED063C-01		NB01SED063C-02		NB01SED063C-03		NB01SED063C-04	
		Date Collected	11/28/2005		11/28/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005		12/8/2005	
		Depth	0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.5		3.5-4.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	88.6		47.7	U	82.4	U	48	U	39.9	U	208	U	68.2	U	66.1	U	59.7		46.9	U
Arsenic	7440-38-2	ppm-Al	494		431		1120		546		260		223	U	909		844		986		1640	
Barium	7440-39-3	ppm-Al	8730		9230		4640		2770		2610		2930		10800		10900		11600		12200	
Beryllium	7440-41-7	ppm-Al	55.7		57.7		51.2		48.7		45.7		46.9		61		61.5		57.6		57.1	
Cadmium	7440-43-9	ppm-Al	18.4		23.1		30		7.2	U	5.8	U	30	U	36.2		119		271		272	
Calcium	7440-70-2	ppm-Al	447000		900000		1080000		464000		129000		490000		1480000		881000		366000		392000	
Chromium	7440-47-3	ppm-Al	5450		4300		9080		2940		1860		1830		8720		10400		18100		29300	
Cobalt	7440-48-4	ppm-Al	601		631		674		592		486		285		723		761		681		667	
Copper	7440-50-8	ppm-Al			8460		3760		1150		683		738		7070		9270		13500		12400	
Iron	7439-89-6	ppm-Al	1750000		1760000		1760000		1800000		1670000		877000		2050000		2050000		1890000		1840000	
Lead	7439-92-1	ppm-Al	5230		4790		3660		1060		548		554		8540		9630		14200		11900	
Magnesium	7439-95-4	ppm-Al	484000		463000		385000		390000		373000		617000		533000		578000		440000		416000	
Manganese	7439-96-5	ppm-Al	25400		25400		27000		28000		17400		5200		29600		33200		23500		22900	
Mercury	7439-97-6	ppm-Al	82.3		49.2		78.7		14.5		0.91		1.5		124		312		375		551	
Nickel	7440-02-0	ppm-Al	1920		1750		2020		1510		1290		1300		2380		2620		2810		2590	
Potassium	7440-09-7	ppm-Al	270000		292000										272000		276000		251000		237000	
Selenium	7782-49-2	ppm-Al	75.9		52.3	U									114		72.5	U	59.7	U	81.6	
Silver	7440-22-4	ppm-Al	120		65.4		54.9		27		6.3		29.2	U	155		220		292		224	
Sodium	7440-23-5	ppm-Al	487000		302000		325000		336000		348000		2090000		526000		543000		428000		324000	
Thallium	7440-28-0	ppm-Al	152		108	U	325		224		91.3	U	469	U	186		156		125	U	109	U
Titanium	7440-32-6	ppm-Al	32800		28700		32500		26400		25300		25400		31900		29900		30300		26800	
Vanadium	7440-62-2	ppm-Al	2370		2240		2350		2200		1990		3110		2780		2870		2940		3420	
Zinc	7440-66-6	ppm-Al	10800		8150		9550		6640		3490		2160		15000		17200		26100		26100	

		Location ID	NB01SED064		NB01SED064		NB01SED064		NB01SED064		NB01SED064		NB01SED064		NB01SED064		NB01SED065		NB01SED065		NB01SED065	
		Sample Name	NB01SED064B-01		NB01SED064B-01		NB01SED064B-02		NB01SED064B-03		NB01SED064B-04		NB01SED064B-05		NB01SED064B-06		NB01SED065A-01		NB01SED065A-02		NB01SED065A-03	
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005	
		Depth	0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al			1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al			154	U	63.3	U	66.7	U	89.4	U	94.9	U	143	U	60	U	44.4	U	39	U
Arsenic	7440-38-2	ppm-Al			302		67.5	U	70.8	U	122		102	U	153	U	1440		3010		3670	
Barium	7440-39-3	ppm-Al			3190		1310		1610		1660		1880		1920		8870		7020		7980	
Beryllium	7440-41-7	ppm-Al			66.5		30.6		27.8		32.8		37.5		48.9		54.8		53.4		53.8	
Cadmium	7440-43-9	ppm-Al			22.1	U	9.2	U	9.6	U	13	U	18.8		20.8	U	113		50.6		53.8	
Calcium	7440-70-2	ppm-Al			374000		92000		56800		86700		141000		174000							
Chromium	7440-47-3	ppm-Al			2850		1020		1220		1510		1920		2050		10400		10900		10600	
Cobalt	7440-48-4	ppm-Al			623		179		278		493		596		586		661		697		686	
Copper	7440-50-8	ppm-Al			1530		137		118		237		839		1430		11500		10500		14300	
Iron	7439-89-6	ppm-Al			1500000		411000		540000		914000		1100000		1400000		1960000		2040000		2010000	
Lead	7439-92-1	ppm-Al			1690		316		431		456		552		554		10300		9940		13500	
Magnesium	7439-95-4	ppm-Al			447000		159000		146000		245000		316000		362000		443000		417000		378000	
Manganese	7439-96-5	ppm-Al			9450		2290		5100		8920		10900		13700		20200		24300		21400	
Mercury	7439-97-6	ppm-Al			16		1.3		1.1		0.49	U	0.77		0.78	U	139		169		202	
Nickel	7440-02-0	ppm-Al			1020		369		653		1200		1680		1660		2430		2730		2930	
Potassium	7440-09-7	ppm-Al																				
Selenium	7782-49-2	ppm-Al	159	U			68.6	U	72.2	U			106	U			157		140		170	
Silver	7440-22-4	ppm-Al			24.4		8.9	U	9.3	U	12.6	U	20.1		20.2	U	165		78.7		98.7	
Sodium	7440-23-5	ppm-Al			1290000		333000		99700		80500		54100		107000		460000		411000		321000	
Thallium	7440-28-0	ppm-Al			347	U	148	U	153	U	201		331		322	U	104		129		85.2	
Titanium	7440-32-6	ppm-Al			26700		20300		26400		41600		51000		57300		34500		25000		22300	
Vanadium	7440-62-2	ppm-Al			2140		1410		1280		1300		1610		2120		2600		2350		2350	
Zinc	7440-66-6	ppm-Al			5160		939		1490		2880		4300		3880		18800		16900		20100	

		Location ID	NB01SED065		NB01SED065		NB01SED065		NB01SED066		NB01SED066		NB01SED068		NB01SED068		NB01SED068		NB01SED068		NB01SED068	
		Sample Name	NB01SED065A-04		NB01SED065A-05		NB01SED065A-06		NB01SED066E-01		NB01SED066E-02		NB01SED068B-01		NB01SED068B-02		NB01SED068B-03		NB01SED068B-04		NB01SED068B-05	
		Date Collected	11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005	
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	44.9	U	44.7	U	46.4	U	94.4	U	92.5	U	47.1	U	44.3	U	40.4	U	40.9	U	38	U
Arsenic	7440-38-2	ppm-Al	1330		776		636		1280		1970		942		807		793		764		932	
Barium	7440-39-3	ppm-Al	4080		3610		3370		9280		12900		16400		12400		10600		10800		10700	
Beryllium	7440-41-7	ppm-Al	53.2		51.6		51		57.7		61.6		63.1		62.5		57.7		57.8		53.7	
Cadmium	7440-43-9	ppm-Al	2.8	U	2.7	U	2.9	U	71.7		147		58.3		30.2		31.7		20		38.5	
Calcium	7440-70-2	ppm-Al							360000		370000		438000		385000		384000		420000		320000	
Chromium	7440-47-3	ppm-Al	2700		1950		1890		13100		16600		5970		5360		5480		5640		6490	
Cobalt	7440-48-4	ppm-Al	627		646		649		699		788		660		630		630		627		639	
Copper	7440-50-8	ppm-Al	2850		1980		1660		6560		8870		11100		10300		10500		9910		12200	
Iron	7439-89-6	ppm-Al	1930000		1880000		1830000		1800000		1950000		1830000		1820000		1840000		1860000		1830000	
Lead	7439-92-1	ppm-Al	5270		4470		4370		8150		10600		8740		7710		10800		9240		9070	
Magnesium	7439-95-4	ppm-Al	373000		373000		379000		434000		452000		490000		494000		486000		489000		541000	
Manganese	7439-96-5	ppm-Al	27000		64600		42300		19800		20700		28000		26900		27000		24500		24500	
Mercury	7439-97-6	ppm-Al	38		32.3		11.9		577		342		150		125		115		120		151	
Nickel	7440-02-0	ppm-Al	1560		1470		1460		2120		2520		2090		1930		2080		2320		3560	
Potassium	7440-09-7	ppm-Al							245000		211000		277000		270000		261000		262000		248000	
Selenium	7782-49-2	ppm-Al	114		80.7		92.7		150		101	U	72.8		57.3		106		84.4		82.9	
Silver	7440-22-4	ppm-Al	16.5	U	16.8	U	17.2	U	128		120		150		146		274		182		215	
Sodium	7440-23-5	ppm-Al	294000		236000		281000		318000		334000		568000		578000		510000		484000		498000	
Thallium	7440-28-0	ppm-Al	82.3		106		72.8		227	U	223	U	121									
Titanium	7440-32-6	ppm-Al	22500		22000		23000		41300		33000		31600		30300		29900		30600		26200	
Vanadium	7440-62-2	ppm-Al	2350		2290		2300		2810		2600		2710		2610		2630		2680		2610	
Zinc	7440-66-6	ppm-Al	6010		5680		4660		15800		21700		15000		13800		14300		15500		14600	

		Location ID	NB01SED068		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070	
		Sample Name	NB01SED068B-06		NB02SED070C-01		NB02SED070C-02		NB02SED070C-03		NB02SED070C-04		NB02SED070C-05		NB02SED070C-06		NB02SED070C-07		NB02SED070C-08		NB02SED070C-09	
		Date Collected	10/30/2005		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007	
		Depth	5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	43.3		377	U	359	U	311	U	327	U	350	U	344	U	353	U	314	U	344	U
Arsenic	7440-38-2	ppm-Al	888		1350		1720		2510		2210		2880		5830		3160		3790		4150	
Barium	7440-39-3	ppm-Al	11000		12400		18200		25500		12700		18300		25300		30900		19500		11500	
Beryllium	7440-41-7	ppm-Al	54.2		50.8		53.5		48.6		53.3		56.4		52.3		54		47.1		48.9	
Cadmium	7440-43-9	ppm-Al	57.8		331		514		934		673		632		550		213		111		76.3	
Calcium	7440-70-2	ppm-Al	286000		555000		701000		579000		532000		400000		381000		860000		566000		382000	
Chromium	7440-47-3	ppm-Al	6680		13800		19700		27500		28500		35500		29100		11900		9280		7210	
Cobalt	7440-48-4	ppm-Al	574		754		803		776		867		701		689		740		739		832	
Copper	7440-50-8	ppm-Al	12500		14700		19800		24000		24100		29700		29700		22300		17800		14500	
Iron	7439-89-6	ppm-Al	1710000		2120000		2180000		2100000		2280000		2270000		2250000		2240000		2270000		2160000	
Lead	7439-92-1	ppm-Al	10400		13500		16700		16400		17800		26100		27000		25600		57000		17900	
Magnesium	7439-95-4	ppm-Al	466000		596000		582000		523000		530000		511000		500000		525000		504000		478000	
Manganese	7439-96-5	ppm-Al	23600		28600		27500		26100		26400		23000		23400		23100		27800		24000	
Mercury	7439-97-6	ppm-Al	621		346		627		891		564		584		523		320		418		313	
Nickel	7440-02-0	ppm-Al	2950		3470		4010		3930		3470		3350		3110		3370		2860		5670	
Potassium	7440-09-7	ppm-Al	242000		231000		214000		219000		221000		218000		220000		217000		216000		214000	
Selenium	7782-49-2	ppm-Al	86.6		63.8		77.5		137		109		99.5		132		167		163		84	
Silver	7440-22-4	ppm-Al	217																			
Sodium	7440-23-5	ppm-Al	473000		574000		569000		535000		545000		630000		623000		533000		476000		428000	
Thallium	7440-28-0	ppm-Al			13.8		16.2		16.9		17		16.7		21.9		21.3		19		21.4	
Titanium	7440-32-6	ppm-Al	27200		35500		34400		33600		33200		31200		29500		29000		28000		27600	
Vanadium	7440-62-2	ppm-Al	2510		3480		3790		4620		4700		4620		3570		3130		3160		2760	
Zinc	7440-66-6	ppm-Al	15600		26400		33900		37000		42100		40200		39300		35900		30500		21100	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED070		NB02SED070		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071	
		Sample Name	NB02SED070C-10		NB02SED070C-11		NB02SED071D-01		NB02SED071D-02		NB02SED071D-03		NB02SED071D-04		NB02SED071D-05		NB02SED071D-06		NB02SED071D-07		NB02SED071D-08			
		Date Collected	12/11/2007		12/11/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007			
		Depth	13.5-15.5		15.5-17.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Metals (Normalized to Aluminum)																								
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000			
Antimony	7440-36-0	ppm-Al	759	U	652	U	365	U	352	U	343	U	335	U	416	U	350	U	434	U	379	U		
Arsenic	7440-38-2	ppm-Al	154		54.3		723		732		811		863		2400		2660		4620		2910			
Barium	7440-39-3	ppm-Al	14100		14800		7500		8030		6860		7020		16200		13700		16700		20800			
Beryllium	7440-41-7	ppm-Al	58.2		56.5		36.5		45.8		47.3		43.5		50.6		44.5		57.5		38.8			
Cadmium	7440-43-9	ppm-Al	16.5		17.4		52		59.2		76.9		87		576		511		434		155			
Calcium	7440-70-2	ppm-Al	2910000		3280000		566000		619000		479000		1060000		1150000		1040000		6040000		1520000			
Chromium	7440-47-3	ppm-Al	1900		1910		5700		5650		6450		7020		25700		34600		28500		12400			
Cobalt	7440-48-4	ppm-Al	861		870		736		803		692		677		751		701		748		698			
Copper	7440-50-8	ppm-Al	2250		1930		6890		7040		8220		9130		25100		25900		24100		20800			
Iron	7439-89-6	ppm-Al	2230000		2300000		2190000		2210000		2130000		2130000		2210000		2220000		2270000		2240000			
Lead	7439-92-1	ppm-Al	1870		1090		6960		6730		8110		8880		19900		22000		20900		24300			
Magnesium	7439-95-4	ppm-Al	765000		770000		640000		754000		621000		573000		556000		511000		546000		516000			
Manganese	7439-96-5	ppm-Al	50900		59800		29200		32200		29100		28100		24200		22300		32900		26300			
Mercury	7439-97-6	ppm-Al	2.8	U	2.4	U	94.6		98.6		112		149		641		555		607		293			
Nickel	7440-02-0	ppm-Al	1770		1760		2850		4710		3020		2550		4370		3750		3030		3010			
Potassium	7440-09-7	ppm-Al	273000		274000		227000		221000		221000		220000		214000		215000		209000		207000			
Selenium	7782-49-2	ppm-Al	8.1		3.9		27.7		37.3		46.7		48.4		102		94.9		130		147			
Silver	7440-22-4	ppm-Al					142		155		207		236		506		547		401		259			
Sodium	7440-23-5	ppm-Al	365000		289000		645000		555000		604000		589000		626000		591000		524000		461000			
Thallium	7440-28-0	ppm-Al	10.1		9.6		8.1		12		10.1		9.3		18.8		18.2		20.6		17.2			
Titanium	7440-32-6	ppm-Al	43800		44100		31600		32100		27700		26100		32100		30500		30800		27100			
Vanadium	7440-62-2	ppm-Al	3060		3150		2750		2830		2670		2750		4140		4580		3640		3000			
Zinc	7440-66-6	ppm-Al	4890		4720		13100		12500		14100		15100		36600		34700		32400		31400			

		Location ID	NB02SED071		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED073	
		Sample Name	NB02SED071D-09		NB02SED072D-02		NB02SED072D-03		NB02SED072D-04		NB02SED072D-05		NB02SED072D-06		NB02SED072D-07		NB02SED072D-08		NB02SED072D-09		NB02SED073D-01	
		Date Collected	11/15/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/1/2007	
		Depth	11.5-13.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	590	U	422	U	409	U	427	U	470	U	475	U	395	U	513	U	571	U	394	U
Arsenic	7440-38-2	ppm-Al	1390		1020		1160		1130		879		963		853		793		229		1060	
Barium	7440-39-3	ppm-Al	9440		8830		9920		6690		2300		2160		1950		1700		1560		9060	
Beryllium	7440-41-7	ppm-Al	39.9		85.9	U	78.7	U	85.4	U	94.1	U	96.3	U	78.6	U	103	U	112	U	81.3	U
Cadmium	7440-43-9	ppm-Al	33		125		197		146		23.5		23.1		19.1		17.1		8.4		225	
Calcium	7440-70-2	ppm-Al	4380000		455000		551000		499000		5010000		9700000		3800000		1600000		47600		426000	
Chromium	7440-47-3	ppm-Al	4310		9060		10800		6620		2200		1900		1860		1870		1830		13600	
Cobalt	7440-48-4	ppm-Al	781		750		772		767		755		692		696		762		762		694	
Copper	7440-50-8	ppm-Al	4810		11000		12500		6290		1130		841		853		949		1580		12900	
Iron	7439-89-6	ppm-Al	2340000		2330000		2350000		2320000		2390000		2360000		2310000		2440000		1920000		2040000	
Lead	7439-92-1	ppm-Al	6490		11300		12300		6560		1130		868		824		855		590		11900	
Magnesium	7439-95-4	ppm-Al	524000		661000		628000		534000		585000		605000		536000		493000		430000		543000	
Manganese	7439-96-5	ppm-Al	43800		28500		30900		32200		48600		56000		36400		30500		10400		24800	
Mercury	7439-97-6	ppm-Al	57.3		164		268		233		6.1		2.4		1.6	U	1.6	U	1.9	U	338	
Nickel	7440-02-0	ppm-Al	2150		3230		2760		2360		1820		1610		1640		1700		1810		2730	
Potassium	7440-09-7	ppm-Al	208000		220000		224000		206000		214000		218000		209000		190000		160000		229000	
Selenium	7782-49-2	ppm-Al	41.7		422	U	409	U	427	U	470	U	475	U	395	U	513	U	571	U	51.3	
Silver	7440-22-4	ppm-Al	34.7		234		268		165		10.8		5.8		5		3.4		3.2		250	
Sodium	7440-23-5	ppm-Al	399000		701000		644000		501000		486000		600000		461000		359000		236000		706000	
Thallium	7440-28-0	ppm-Al	10.6		85.9	U	78.7	U	85.4	U	94.1	U	96.3	U	78.6	U	103	U	0.8	U	81.3	U
Titanium	7440-32-6	ppm-Al	27800		27000		29200		26200		26100		23600		24100		25200		17500		30800	
Vanadium	7440-62-2	ppm-Al	2710		2740		2890		2710		2710		2350		2390		2430		2360		2860	
Zinc	7440-66-6	ppm-Al	11100		17700		19800		12700		5280		5010		4790		4670		4380		20600	

		Location ID	NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073	
		Sample Name	NB02SED073D-02		NB02SED073D-03		NB02SED073D-04		NB02SED073D-05		NB02SED073D-06		NB02SED073D-07		NB02SED073D-08		NB02SED073D-09		NB02SED073D-10		NB02SED073D-11	
		Date Collected	11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	344	U	377	U	378	U	328	U	352	U	454	U	586	U	536	U	469	U	761	U
Arsenic	7440-38-2	ppm-Al	752		1320		1870		746		552		646		791		549		188		132	
Barium	7440-39-3	ppm-Al	7580		11700		11700		2800		2420		2080		2120		1430		1300		1320	
Beryllium	7440-41-7	ppm-Al	70.1	U	76.5	U	76.9	U	66.4	U	71.2	U	53.6		58.6		42.1		40.7		56.3	
Cadmium	7440-43-9	ppm-Al	102		426		417		32.8		17.6		20.8		27.8		11		7		9.3	
Calcium	7440-70-2	ppm-Al	490000		330000		553000		1600000		1580000		441000		430000		206000		49100		58900	
Chromium	7440-47-3	ppm-Al	8150		20700		24400		3490		2100		2180		2150		1620		1710		1860	
Cobalt	7440-48-4	ppm-Al	694		683		718		639		640		772		820		536		438		620	
Copper	7440-50-8	ppm-Al	8540		20100		18300		1810		920		919		1050		626		579		958	
Iron	7439-89-6	ppm-Al	2030000		1960000		2030000		1930000		1930000		2270000		2360000		2120000		1540000		1780000	
Lead	7439-92-1	ppm-Al	8030		18900		15200		2000		880		930		966		600		501		592	
Magnesium	7439-95-4	ppm-Al	564000		481000		506000		468000		475000		558000		565000		451000		274000		377000	
Manganese	7439-96-5	ppm-Al	27000		21100		24400		32500		31900		39400		37600		21200		17700		14500	
Mercury	7439-97-6	ppm-Al	140		508		513		34.4		4.8		3		2.2	U	2.3	U	1.9	U	2.8	U
Nickel	7440-02-0	ppm-Al	2460		3110		3120		1610		1520		1830		1920		1200		1170		1580	
Potassium	7440-09-7	ppm-Al	232000		223000		228000		228000		229000		217000		223000		133000		93600		116000	
Selenium	7782-49-2	ppm-Al	35.7		71		64.1		22.1		20.8		454	U	586	U	536	U	469	U	761	U
Silver	7440-22-4	ppm-Al	178		377		346		66.4	U	71.2	U	5.5		5.4		1.8		0.69		0.85	U
Sodium	7440-23-5	ppm-Al	559000		661000		610000		422000		462000		476000		492000		677000		207000		167000	
Thallium	7440-28-0	ppm-Al	70.1	U	76.5	U	76.9	U	66.4	U	71.2	U	9.9		12.9		8.3		4.9		5.6	
Titanium	7440-32-6	ppm-Al	32000		31900		30800		28400		27800		25800		26500		19800		28000		33200	
Vanadium	7440-62-2	ppm-Al	2620		3230		3480		2450		2340		2400		2640		2730		2640		2540	
Zinc	7440-66-6	ppm-Al	14000		30500		29200		6160		4660		5200		5420		2910		2540		3970	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074	
		Sample Name	NB02SED073D-12		NB02SED073D-13		NB02SED073D-14		NB02SED073D-15		NB02SED074C-01		NB02SED074C-02		NB02SED074C-03		NB02SED074C-04		NB02SED074C-05		NB02SED074C-06	
		Date Collected	11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007	
		Depth	17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	771	U	828	U	714	U	418	U	487	U	413	U	391	U	395	U	389	U	538	U
Arsenic	7440-38-2	ppm-Al	160		76.9		214		526		1020		1380		1630		1690		2310		3320	
Barium	7440-39-3	ppm-Al	1340		2040		9330		5090		9380		11700		13200		12400		15200		16400	
Beryllium	7440-41-7	ppm-Al	60		53.3		64.3		59.3		53.1		56.3		49		50.3		57		76.9	
Cadmium	7440-43-9	ppm-Al	9.4		19.5		18.1		24.3		133		389		503		558		514		1280	
Calcium	7440-70-2	ppm-Al	60600		100000		154000		464000		596000		574000		521000		542000		722000		485000	
Chromium	7440-47-3	ppm-Al	2090		2010		2520		2400		8790		16700		23400		25600		28600		60000	
Cobalt	7440-48-4	ppm-Al	800		858		1360		1020		752		786		762		776		813		761	
Copper	7440-50-8	ppm-Al	1340		1360		1640		2100		8700		15200		22300		17700		17700		29100	
Iron	7439-89-6	ppm-Al	2210000		2190000		2710000		2410000		2260000		2260000		2210000		2180000		2230000		2240000	
Lead	7439-92-1	ppm-Al	714		414		1070		1060		9820		17500		23000		18400		15600		25000	
Magnesium	7439-95-4	ppm-Al	426000		506000		533000		651000		612000		567000		515000		546000		570000		526000	
Manganese	7439-96-5	ppm-Al	13600		12800		16500		23700		28000		29300		23300		27600		31700		24200	
Mercury	7439-97-6	ppm-Al	3.1	U	3.3	U	2.6	U	1.9	U	283		556		940		673		830		1630	
Nickel	7440-02-0	ppm-Al	1860		1780		2260		2050		2210		2610		2850		2520		2830		4720	
Potassium	7440-09-7	ppm-Al	120000		138000		180000		174000		219000		217000		209000		206000		210000		207000	
Selenium	7782-49-2	ppm-Al	771	U	828	U	714	U	418	U	62.8		77.8		92.7		74.8		83.4		162	
Silver	7440-22-4	ppm-Al	0.89		0.92	U	1.9		3.9		150		286		424		340		312		573	
Sodium	7440-23-5	ppm-Al	190000		222000		281000		241000		727000		559000		644000		531000		518000		634000	
Thallium	7440-28-0	ppm-Al	5.1		5.3		10.7		10		15.9		18.3		17.9		16.3		16.7		29.9	
Titanium	7440-32-6	ppm-Al	34900		43200		41700		38100		27900		27900		28600		26700		26600		26200	
Vanadium	7440-62-2	ppm-Al	3090		3140		3690		3580		2650		2960		3200		3290		3650		4810	
Zinc	7440-66-6	ppm-Al	4430		4560		5480		5260		17000		28200		41300		33500		33500		68300	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074	
		Sample Name	NB02SED074C-07		NB02SED074C-08		NB02SED074C-09		NB02SED074C-10		NB02SED074C-11		NB02SED074C-12		NB02SED074C-13		NB02SED074C-14		NB02SED074C-15		NB02SED074C-16	
		Date Collected	11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	350	U	333	U	349	U	362	U	407	U	386	U	394	U	364	U	358	U	349	U
Arsenic	7440-38-2	ppm-Al	1470		2890		2550		4850		8830		8990		7460		4150		4310		3520	
Barium	7440-39-3	ppm-Al	9120		22600		18900		31700		70300		89900		151000		143000		161000		120000	
Beryllium	7440-41-7	ppm-Al	56.2		52		57.9		67.1		61.4		58.9		57		64.3		64.2		56.6	
Cadmium	7440-43-9	ppm-Al	336		1120		1170		926		1740		5700		1550		1410		1090		586	
Calcium	7440-70-2	ppm-Al	697000		492000		770000		585000		310000		320000		308000		278000		355000		259000	
Chromium	7440-47-3	ppm-Al	20900		74300		49400		67100		138000		122000		108000		55900		43200		31400	
Cobalt	7440-48-4	ppm-Al	788		661		789		779		772		791		838		762		776		697	
Copper	7440-50-8	ppm-Al	10500		31300		22000		29400		50200		54900		45400		30300		33900		30300	
Iron	7439-89-6	ppm-Al	2230000		2090000		2280000		2260000		2390000		2300000		2460000		2350000		2330000		2250000	
Lead	7439-92-1	ppm-Al	12100		59600		43800		65200		119000		83500		82400		58100		69500		59900	
Magnesium	7439-95-4	ppm-Al	564000		475000		582000		542000		477000		463000		492000		491000		501000		478000	
Manganese	7439-96-5	ppm-Al	33000		23100		32500		28200		20900		20900		22200		23800		24900		21800	
Mercury	7439-97-6	ppm-Al	248		673		414		570		1080		1080		937		699		649		572	
Nickel	7440-02-0	ppm-Al	2250		2380		2460		2650		2970		3150		2550		2620		2650		2220	
Potassium	7440-09-7	ppm-Al	209000		188000		230000		218000		201000		197000		207000		200000		208000		202000	
Selenium	7782-49-2	ppm-Al	59.9		111		98.7		141		234		234		232		175		201		178	
Silver	7440-22-4	ppm-Al	168		474		309		383		572		601		423		301		269		283	
Sodium	7440-23-5	ppm-Al	449000		573000		468000		485000		621000		598000		594000		501000		480000		496000	
Thallium	7440-28-0	ppm-Al	14.6		12.9		18.4		23.5		30.3		30.4		29.6		29.4		28.4		26.3	
Titanium	7440-32-6	ppm-Al	24500		21900		27400		25400		25700		23300		24400		23600		22800		21600	
Vanadium	7440-62-2	ppm-Al	3200		4230		3340		3230		3340		2990		3120		2940		2890		2640	
Zinc	7440-66-6	ppm-Al	22300		81900		39900		49600		103000		159000		206000		158000		161000		135000	

		Location ID	NB02SED074		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED076	
		Sample Name	NB02SED074C-17		NB02SED075F-01		NB02SED075F-02		NB02SED075F-03		NB02SED075F-04		NB02SED075F-05		NB02SED075F-06		NB02SED075F-07		NB02SED075F-08		NB02SED076D-01	
		Date Collected	11/6/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		10/30/2007	
		Depth	27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.7		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	366	U	393	U	350	U	320	U	374	U	390	U	351	U	287	U	285	U	408	U
Arsenic	7440-38-2	ppm-Al	2430		1410		2160		1940		1060		1550		1560		1730		1920		900	
Barium	7440-39-3	ppm-Al	61100		10100		9110		9660		10200		12800		9590		9120		15900		10200	
Beryllium	7440-41-7	ppm-Al	61.8		44.4		42.9		41.9		51.5		50		48		46.2		57		45.8	
Cadmium	7440-43-9	ppm-Al	496		117		256		296		123		192		263		550		361		175	
Calcium	7440-70-2	ppm-Al	391000		509000		498000		507000		594000		587000		655000		661000		1000000		579000	
Chromium	7440-47-3	ppm-Al	18400		6790		9660		9260		7240		8550		10400		13700		13400		9750	
Cobalt	7440-48-4	ppm-Al	764		709		690		729		724		715		731		725		734		750	
Copper	7440-50-8	ppm-Al	19000		11200		16700		26300		10200		13300		16500		21500		21900		10300	
Iron	7439-89-6	ppm-Al	2200000		2340000		2140000		2170000		2330000		2410000		2260000		1880000		1750000		2210000	
Lead	7439-92-1	ppm-Al	31000		11200		12900		20400		9940		13400		15100		16200		16300		10000	
Magnesium	7439-95-4	ppm-Al	487000		561000		517000		466000		632000		610000		552000		478000		454000		591000	
Manganese	7439-96-5	ppm-Al	28800		30500		25800		21900		28600		31000		28200		26000		32500		25400	
Mercury	7439-97-6	ppm-Al	268		1980		4640		14400		736		2590		4630		6730		7720		267	
Nickel	7440-02-0	ppm-Al	2410		2400		2830		3320		2690		2700		2840		3020		3360		2930	
Potassium	7440-09-7	ppm-Al	186000		199000		181000		153000		213000		201000		193000		171000		161000		221000	
Selenium	7782-49-2	ppm-Al	211		47.4		47.8		49.3		44.2		51.7		48.5		46.8		34.8		35.8	
Silver	7440-22-4	ppm-Al	163		265		616		788		294		436		532		637		684		192	
Sodium	7440-23-5	ppm-Al	380000		806000		695000		591000		687000		756000		649000		421000		377000		629000	
Thallium	7440-28-0	ppm-Al	23.6		76.5	U	69	U	64	U	73.6	U	75.6	U	70.2	U	57.3	U	57.6	U	15.8	
Titanium	7440-32-6	ppm-Al	20900		28500		25900		24100		31000		28700		27500		25100		23000		32500	
Vanadium	7440-62-2	ppm-Al	2500		2850		2770		2700		2820		2950		2900		2640		2580		2810	
Zinc	7440-66-6	ppm-Al	70800		23400		28000		35600		20300		27400		28600		31800		31400		20400	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076	
		Sample Name	NB02SED076D-02		NB02SED076D-03		NB02SED076D-04		NB02SED076D-05		NB02SED076D-06		NB02SED076D-07		NB02SED076D-08		NB02SED076D-09		NB02SED076D-10		NB02SED076D-11	
		Date Collected	10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	393	U	362	U	283	U	349	U	354	U	350	U	350	U	343	U	352	U	378	U
Arsenic	7440-38-2	ppm-Al	1230		1130		954		2300		1980		2780		5870		7230		3740		1200	
Barium	7440-39-3	ppm-Al	11500		9740		7570		16000		13400		16400		20600		23100		20700		5850	
Beryllium	7440-41-7	ppm-Al	44		54.6		49.7		50		57.1		52.5		52.1		51.2		50.4		41.4	
Cadmium	7440-43-9	ppm-Al	500		447		306		682		811		633		534		711		440		75.7	U
Calcium	7440-70-2	ppm-Al	359000		643000		838000		447000		389000		307000		317000		283000		259000		187000	
Chromium	7440-47-3	ppm-Al	21000		18400		14500		47800		62900		58800		64400		51100		21000		5140	
Cobalt	7440-48-4	ppm-Al	753		750		786		725		686		650		669		669		720		703	
Copper	7440-50-8	ppm-Al	19600		13700		9480		24100		24700		30200		32900		29300		19200		4840	
Iron	7439-89-6	ppm-Al	2050000		2100000		2050000		2040000		2070000		2180000		2230000		2220000		2200000		1990000	
Lead	7439-92-1	ppm-Al	20300		13700		9600		19000		20700		26500		34000		29200		19400		5030	
Magnesium	7439-95-4	ppm-Al	507000		534000		555000		489000		488000		466000		471000		459000		468000		461000	
Manganese	7439-96-5	ppm-Al	22500		28500		33900		22400		21100		20300		20400		21200		25700		27700	
Mercury	7439-97-6	ppm-Al	813		395		249		1000		789		859		920		934		456		54.1	
Nickel	7440-02-0	ppm-Al	3470		2750		2540		3820		3470		3110		3190		3110		2960		1960	
Potassium	7440-09-7	ppm-Al	211000		222000		220000		199000		203000		197000		196000		196000		195000		194000	
Selenium	7782-49-2	ppm-Al	59.3		36.2		17.3		71		97.1		102		129		108		96		32.4	
Silver	7440-22-4	ppm-Al	367		250		156		414		509		497		460		428		208		75.7	U
Sodium	7440-23-5	ppm-Al	634000		533000		342000		544000		570000		551000		530000		484000		386000		332000	
Thallium	7440-28-0	ppm-Al	20		13.8		11		19.1		18.9		13.6		18.4		19.3		22.4		11.7	
Titanium	7440-32-6	ppm-Al	30100		30800		28700		28200		27100		26700		26400		26700		27800		28600	
Vanadium	7440-62-2	ppm-Al	3120		3180		2880		4310		5090		4410		3720		3160		2830		2370	
Zinc	7440-66-6	ppm-Al	38900		25700		19300		46600		41100		39100		41000		44600		35100		10700	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED077		NB02SED077		NB02SED077		NB02SED077	
		Sample Name	NB02SED076D-12		NB02SED076D-13		NB02SED076D-14		NB02SED076D-15		NB02SED076D-16		NB02SED076D-17		NB02SED077C-01		NB02SED077C-02		NB02SED077C-03		NB02SED077C-04	
		Date Collected	10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007	
		Depth	17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	313	U	347	U	400	U	350	U	385	U	590	U	432	U	375	U	364	U	394	U
Arsenic	7440-38-2	ppm-Al	463		492		442		504		481		911		973		1510		1650		2650	
Barium	7440-39-3	ppm-Al	2380		2410		2520		2490		2660		4030		10100		12600		12000		14600	
Beryllium	7440-41-7	ppm-Al	44.9		46.6		44.2		40.2		43.3		48.9		53.2		52.2		59.4		56.9	
Cadmium	7440-43-9	ppm-Al	61.9	U	69.5	U	79.9	U	70.1	U	76	U	120	U	198		412		524		766	
Calcium	7440-70-2	ppm-Al	159000		196000		183000		161000		170000		154000		541000		545000		643000		701000	
Chromium	7440-47-3	ppm-Al	1970		1940		1890		1930		1910		2090		11000		20100		25000		53400	
Cobalt	7440-48-4	ppm-Al	653		686		715		726		721		1050		802		824		818		803	
Copper	7440-50-8	ppm-Al	789		805		810		855		827		540		11400		18800		18500		26400	
Iron	7439-89-6	ppm-Al	1920000		2000000		1990000		1980000		2040000		3000000		2320000		2360000		2270000		2270000	
Lead	7439-92-1	ppm-Al	762		763		768		778		740		927		11600		18700		18700		20900	
Magnesium	7439-95-4	ppm-Al	457000		458000		462000		447000		433000		457000		622000		586000		562000		582000	
Manganese	7439-96-5	ppm-Al	28000		29400		29200		25000		44500		50900		28300		28500		28100		29200	
Mercury	7439-97-6	ppm-Al	1.3	U	1.4	U	1.6	U	1.5	U	1.9		2.5	U	198		463		615		759	
Nickel	7440-02-0	ppm-Al	1520		1550		1580		1560		1510		1640		2930		3440		3500		4390	
Potassium	7440-09-7	ppm-Al	198000		191000		186000		181000		177000		177000		205000		209000		204000		205000	
Selenium	7782-49-2	ppm-Al	19		19.5		18.9		19.7		16.3		7.9		46.8		62.5		69.9		87.6	
Silver	7440-22-4	ppm-Al	61.9	U	69.5	U	79.9	U	70.1	U	76	U	120	U	171		368		322		438	
Sodium	7440-23-5	ppm-Al	329000		324000		315000		313000		298000		241000		629000		517000		491000		568000	
Thallium	7440-28-0	ppm-Al	6.8		7.5		7.4		7.4		7.1		6.4		14.4		17.6		16.8		19.7	
Titanium	7440-32-6	ppm-Al	25100		26800		29700		26900		31300		34100		32500		31500		30600		29800	
Vanadium	7440-62-2	ppm-Al	2320		2360		2430		2440		2500		3360		2780		3400		3510		4230	
Zinc	7440-66-6	ppm-Al	4460		4510		4520		4670		4630		5650		21100		34300		36900		55600	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED078		NB02SED078	
		Sample Name	NB02SED077C-05		NB02SED077C-06		NB02SED077C-07		NB02SED077C-08		NB02SED077C-09		NB02SED077C-10		NB02SED077C-11		NB02SED077C-12		NB02SED078F-01		NB02SED078H-02	
		Date Collected	11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		10/25/2007		10/25/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	373	U	355	U	314	U	311	U	298	U	279	U	418	U	771	U				
Arsenic	7440-38-2	ppm-Al	2400		3460		3540		2250		2630		1910		2280		612		678		943	
Barium	7440-39-3	ppm-Al	16100		32500		52400		26600		37100		17600		9410		7450		9130		10100	
Beryllium	7440-41-7	ppm-Al	54.8		58.7		51.2		56.5		50.9		51.7		48.6		58.5		44.3		44.3	
Cadmium	7440-43-9	ppm-Al	579		490		378		211		333		140		89.3		34.6		195		156	
Calcium	7440-70-2	ppm-Al	889000		368000		317000		467000		439000		409000		259000		316000		393000		567000	
Chromium	7440-47-3	ppm-Al	48400		28900		21700		14500		20500		13700		9390		2450		7580		10200	
Cobalt	7440-48-4	ppm-Al	786		755		703		727		749		727		768		1200		718		795	
Copper	7440-50-8	ppm-Al	21600		26500		30000		18800		22600		13700		13300		1620		10900		10800	
Iron	7439-89-6	ppm-Al	2300000		2430000		2330000		2260000		2260000		2170000		2270000		2450000		2090000		2250000	
Lead	7439-92-1	ppm-Al	20100		28800		36000		22300		27100		18100		15300		1170		13300		10600	
Magnesium	7439-95-4	ppm-Al	617000		559000		526000		565000		556000		496000		453000		566000		532000		604000	
Manganese	7439-96-5	ppm-Al	32800		25200		24900		28900		28900		28200		26000		20600		36600		32900	
Mercury	7439-97-6	ppm-Al	659		477		430		280		292		226		181		3.2	U	114		189	
Nickel	7440-02-0	ppm-Al	3280		3620		2990		2500		2800		2390		2530		2130		2430		3020	
Potassium	7440-09-7	ppm-Al	198000		197000		192000		195000		191000		186000		156000		202000		172000		209000	
Selenium	7782-49-2	ppm-Al	79.4		142		145		130		140		73.2		45.2		5.3		28.9		32.8	
Silver	7440-22-4	ppm-Al	341		329		279		161		187		92.1		63.3		50.5		168		205	
Sodium	7440-23-5	ppm-Al	450000		490000		421000		377000		356000		282000		251000		211000		779000		502000	
Thallium	7440-28-0	ppm-Al	16.7		25.8		26.2		19.3		19.9		19.1		22.6		10.4		12.1		14.8	
Titanium	7440-32-6	ppm-Al	30300		27100		26900		27100		24400		23800		30200		46000		31900		30300	
Vanadium	7440-62-2	ppm-Al	3990		3570		3120		2530		2570		2420		2750		4040		2760		2810	
Zinc	7440-66-6	ppm-Al	39200		46500		66300		36300		54200		29600		26000		4790		30300		19400	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078	
		Sample Name	NB02SED078H-03		NB02SED078H-04		NB02SED078H-05		NB02SED078H-06		NB02SED078H-07		NB02SED078H-08		NB02SED078H-09		NB02SED078H-10		NB02SED078H-11		NB02SED078H-12			
		Date Collected	10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007			
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Metals (Normalized to Aluminum)																								
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000			
Antimony	7440-36-0	ppm-Al																						
Arsenic	7440-38-2	ppm-Al	1150		1330		1390		1630		1310		2690		3610		3730		4560		4130			
Barium	7440-39-3	ppm-Al	11000		12600		12400		11700		9630		15000		17900		16500		19000		18000			
Beryllium	7440-41-7	ppm-Al	50.4		47.9		45		50		59.4		46.8		50.6		51.9		49.7		47.9			
Cadmium	7440-43-9	ppm-Al	317		556		758		707		631		1090		988		1060		1420		1450			
Calcium	7440-70-2	ppm-Al	529000		399000		420000		427000		713000		556000		478000		466000		591000		616000			
Chromium	7440-47-3	ppm-Al	14700		23300		28200		24700		23500		49200		57600		53700		80400		85900			
Cobalt	7440-48-4	ppm-Al	770		840		873		756		850		813		844		892		908		852			
Copper	7440-50-8	ppm-Al	16000		24200		26400		22400		16000		28600		30300		29100		40300		42900			
Iron	7439-89-6	ppm-Al	2250000		2150000		2060000		2050000		2140000		2120000		2270000		2160000		2180000		2190000			
Lead	7439-92-1	ppm-Al	15100		22000		28200		25400		17900		27600		23900		21100		28200		27500			
Magnesium	7439-95-4	ppm-Al	544000		514000		502000		494000		549000		471000		491000		500000		518000		508000			
Manganese	7439-96-5	ppm-Al	31400		25600		25000		25900		33000		23200		25600		27200		26200		26000			
Mercury	7439-97-6	ppm-Al	367		813		855		689		356		865		963		1100		1200		1110			
Nickel	7440-02-0	ppm-Al	3020		4170		4330		3380		3460		4890		5010		5200		7320		6580			
Potassium	7440-09-7	ppm-Al	205000		196000		193000		185000		201000		182000		186000		195000		204000		199000			
Selenium	7782-49-2	ppm-Al	49.6		63.9		65.3		67.1		62.5	U	76		75		60.1		85		84.5			
Silver	7440-22-4	ppm-Al	345		528		520		421		300		719		513		494		745		789			
Sodium	7440-23-5	ppm-Al	547000		634000		659000		563000		419000		584000		555000		554000		552000		559000			
Thallium	7440-28-0	ppm-Al	18		21.5		17.2		15.9		16.9		14.6		18.8		19		19.6		23.2			
Titanium	7440-32-6	ppm-Al	29600		30300		27900		28400		28600		28000		27400		26100		29100		29100			
Vanadium	7440-62-2	ppm-Al	2990		3200		3260		3510		3190		4270		5340		4610		5230		5270			
Zinc	7440-66-6	ppm-Al	26500		43300		52200		41300		33400		72500		66300		67100		98700		93700			

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079	
		Sample Name	NB02SED078H-13		NB02SED078H-14		NB02SED078H-15		NB02SED078H-16		NB02SED078H-17		NB02SED079C-01		NB02SED079C-02		NB02SED079C-03		NB02SED079C-04		NB02SED079C-05	
		Date Collected	10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007	
		Depth	19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al											366	U	349	U	354	U	346	U	339	U
Arsenic	7440-38-2	ppm-Al	2930		2430		3290		3560		3620		869		1210		1980		2460		2510	
Barium	7440-39-3	ppm-Al	14600		15100		18700		15800		16600		6970		9890		12700		11500		11500	
Beryllium	7440-41-7	ppm-Al	49		51.9		51.1		54.6		50.9		75.9	U	52		73	U	70.3	U	67.7	U
Cadmium	7440-43-9	ppm-Al	850		938		1190		834		893		117		383		449		459		545	
Calcium	7440-70-2	ppm-Al	637000		484000		351000		312000		361000		285000		300000		326000		342000		441000	
Chromium	7440-47-3	ppm-Al	69900		62100		78300		85900		69200		9930		20500		32700		31700		58000	
Cobalt	7440-48-4	ppm-Al	791		775		689		687		704		690		697		680		703		675	
Copper	7440-50-8	ppm-Al	27200		28500		41800		33800		34900		9310		17600		19800		17500		23400	
Iron	7439-89-6	ppm-Al	2180000		2160000		2130000		2270000		2350000		2090000		2000000		1960000		1950000		1990000	
Lead	7439-92-1	ppm-Al	23100		24300		36700		30100		31200		8970		17300		17000		13400		17900	
Magnesium	7439-95-4	ppm-Al	511000		484000		437000		444000		463000		525000		465000		449000		459000		472000	
Manganese	7439-96-5	ppm-Al	27700		26700		21600		23000		23800		23000		21500		19600		22700		22400	
Mercury	7439-97-6	ppm-Al	667		619		839		914		994		186		560		713		735		682	
Nickel	7440-02-0	ppm-Al	3990		4130		4880		3390		3340		2410		3020		3190		3370		3340	
Potassium	7440-09-7	ppm-Al	201000		193000		174000		180000		187000		223000		209000		206000		200000		214000	
Selenium	7782-49-2	ppm-Al	58.2		53.1		83.3		61.4		94.7		46.2		57.1		67.4		64.9		73.1	
Silver	7440-22-4	ppm-Al	516		544		789		552		574		179		309		331		276		387	
Sodium	7440-23-5	ppm-Al	445000		426000		441000		431000		399000		560000		530000		579000		541000		540000	
Thallium	7440-28-0	ppm-Al	17		15		13.3		14.7		15.4		75.9	U	68.6	U	73	U	70.3	U	67.7	U
Titanium	7440-32-6	ppm-Al	29000		28100		26600		24800		25600		32400		30100		30100		29300		30800	
Vanadium	7440-62-2	ppm-Al	4760		5110		5510		4690		4220		2610		2990		3710		3850		4640	
Zinc	7440-66-6	ppm-Al	49900		46400		63300		46200		45700		15900		31700		36900		34800		40800	

		Location ID	NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED080		NB02SED080	
		Sample Name	NB02SED079C-06		NB02SED079C-07		NB02SED079C-08		NB02SED079C-09		NB02SED079C-10		NB02SED079C-11		NB02SED079C-12		NB02SED079C-13		NB02SED080C-01		NB02SED080C-02	
		Date Collected	10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		11/27/2007		11/27/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	344	U	355	U	347	U	318	U	310	U	285	U	278	U	845	U	410	U	400	U
Arsenic	7440-38-2	ppm-Al	6560		6100		8090		4570		3060		1910		714		195		701		754	
Barium	7440-39-3	ppm-Al	17300		16300		17900		19700		20200		12300		3540		3640		7840		7920	
Beryllium	7440-41-7	ppm-Al	54.1		54.1		54.9		51.2		54.8		44.7		43.7		172	U	47.8		45.4	
Cadmium	7440-43-9	ppm-Al	536		465		561		600		262		117		27		14.6		82.1		108	
Calcium	7440-70-2	ppm-Al	269000		267000		262000		272000		242000		196000		130000		197000		454000		430000	
Chromium	7440-47-3	ppm-Al	81400		73800		76300		33000		21500		11200		3380		1980		8660		10000	
Cobalt	7440-48-4	ppm-Al	656		645		659		682		661		631		667		845		701		715	
Copper	7440-50-8	ppm-Al	36700		34700		30500		24100		20800		11700		3020		962		6820		8080	
Iron	7439-89-6	ppm-Al	2180000		2150000		2230000		2210000		2110000		1840000		1660000		1660000		2220000		2230000	
Lead	7439-92-1	ppm-Al	30200		28300		26000		21500		20700		12300		2610		554		7390		8540	
Magnesium	7439-95-4	ppm-Al	439000		439000		440000		462000		457000		412000		347000		446000		581000		592000	
Manganese	7439-96-5	ppm-Al	19100		19100		19900		22100		21400		19200		17500		17500		29000		30600	
Mercury	7439-97-6	ppm-Al	902		1030		1060		747		518		223		27.8		3.8	U	164		200	
Nickel	7440-02-0	ppm-Al	3090		3020		2970		2880		2670		2200		1730		1750		2280		2630	
Potassium	7440-09-7	ppm-Al	197000		202000		201000		202000		201000		182000		157000		171000		208000		205000	
Selenium	7782-49-2	ppm-Al	158		122		110		106		113		61.5		24.6		16.9		41.8		46.2	
Silver	7440-22-4	ppm-Al	546		471		451		318		238		117		55.6	U	3.2		127		154	
Sodium	7440-23-5	ppm-Al	517000		533000		515000		436000		405000		347000		244000		318000		640000		564000	
Thallium	7440-28-0	ppm-Al	71	U	69.8	U	69.4	U	64.7	U	59.5	U	55.9	U	55.6	U	172	U	82.1	U	76.9	U
Titanium	7440-32-6	ppm-Al	28700		28500		27700		27800		26000		27900		34600		46900		30700		29600	
Vanadium	7440-62-2	ppm-Al	3840		3730		3270		2970		2920		2480		2370		2770		2590		2610	
Zinc	7440-66-6	ppm-Al	42600		41800		43500		38900		32700		19200		6600		4520		14400		15900	

		Location ID	NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED082	
		Sample Name	NB02SED080C-03		NB02SED080C-04		NB02SED080C-05		NB02SED080C-06		NB02SED080C-07		NB02SED080C-08		NB02SED080C-09		NB02SED080C-10		NB02SED080C-11		NB02SED082B-01	
		Date Collected	11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/19/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	374	U	377	U	380	U	359	U	307	U	338	U	585	U	989	U	1300	U	390	U
Arsenic	7440-38-2	ppm-Al	849		903		853		1060		855		1700		699		179		318		1250	
Barium	7440-39-3	ppm-Al	9060		10600		12100		11600		9820		13100		4100		3500		3590		13900	
Beryllium	7440-41-7	ppm-Al	45.3		43.5		46.1		49.1		51.2		48.1		39		42.8		44.8		45.5	
Cadmium	7440-43-9	ppm-Al	180		312		545		533		494		526		60.2		24.3		32.7		195	
Calcium	7440-70-2	ppm-Al	596000		386000		380000		379000		472000		447000		259000		388000		1310000		464000	
Chromium	7440-47-3	ppm-Al	11700		17200		25400		26800		29200		46100		5060		2350		2650		12800	
Cobalt	7440-48-4	ppm-Al	719		688		783		695		711		708		732		1070		1030		838	
Copper	7440-50-8	ppm-Al	9780		14900		21300		19400		15700		18800		3140		1760		1350		20100	
Iron	7439-89-6	ppm-Al	2250000		2210000		2150000		2130000		2110000		2160000		1970000		2480000		3090000		2490000	
Lead	7439-92-1	ppm-Al	9210		14700		20800		19800		16000		15700		3120		802		987		18600	
Magnesium	7439-95-4	ppm-Al	585000		519000		492000		484000		491000		483000		462000		570000		951000		590000	
Manganese	7439-96-5	ppm-Al	32100		26000		23900		24100		26300		24800		25000		22600		34600		23400	
Mercury	7439-97-6	ppm-Al	273		435		733		689		470		877		86.2		16.6	U	22	U	500	
Nickel	7440-02-0	ppm-Al	2440		2820		3760		3130		2840		3240		1710		2380		2060		3010	
Potassium	7440-09-7	ppm-Al	214000		197000		184000		180000		175000		180000		177000		190000		237000		216000	
Selenium	7782-49-2	ppm-Al	41.7		61.7		69.6		71.9		78.3		71.4		37.4		10.4		25.6		90.9	
Silver	7440-22-4	ppm-Al	194		325		400		353		283		325		34.1		2.2		3.1		227	
Sodium	7440-23-5	ppm-Al	506000		577000		587000		533000		380000		427000		447000		356000		502000		734000	
Thallium	7440-28-0	ppm-Al	71.9	U	77.9	U	75.4	U	71.9	U	60.2	U	64.9	U	117	U	198	U	260	U	11	
Titanium	7440-32-6	ppm-Al	31500		29600		28800		28400		28100		27500		32500		53500		57800		31600	
Vanadium	7440-62-2	ppm-Al	2760		3010		3190		3440		3380		4360		2880		3770		4660		3470	
Zinc	7440-66-6	ppm-Al	17600		25700		42100		37500		32000		39800		8020		4520		4930		31500	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED088		NB02SED088		NB02SED088	
		Sample Name	NB02SED082B-02		NB02SED082B-03		NB02SED082B-04		NB02SED082B-05		NB02SED082B-06		NB02SED082B-07		NB02SED082B-08		NB02SED088G-01		NB02SED088G-02		NB02SED088G-03	
		Date Collected	11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/13/2007		11/13/2007		11/13/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-12.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	380	U	342	U	341	U	320	U	280	U	296	U	339	U	661	U	438	U	571	U
Arsenic	7440-38-2	ppm-Al	1600		1640		1700		1750		2640		4020		2820		3490		3960		7200	
Barium	7440-39-3	ppm-Al	16400		18200		20100		29400		49400		23700		22300		31900		49300		47400	
Beryllium	7440-41-7	ppm-Al	48.7		46.8		42.5		34.3		44		46.4		67.5		134	U	88.7	U	114	U
Cadmium	7440-43-9	ppm-Al	411		589		668		1350		740		754		882		261		269		417	
Calcium	7440-70-2	ppm-Al	516000		492000		454000		797000		570000		407000		759000		705000		642000		499000	
Chromium	7440-47-3	ppm-Al	12700		15400		24500		20300		18800		27800		23900		8680		10400		15600	
Cobalt	7440-48-4	ppm-Al	943		895		794		1270		845		1310		2120		1240		1070		1180	
Copper	7440-50-8	ppm-Al	26400		30800		35500		44700		27200		37600		38300		36700		50500		101000	
Iron	7439-89-6	ppm-Al	2430000		2220000		2220000		2300000		2180000		2090000		2300000		6670000		4700000		4750000	
Lead	7439-92-1	ppm-Al	21100		29900		28500		32200		16100		21500		30000		90800		59900		164000	
Magnesium	7439-95-4	ppm-Al	567000		521000		495000		490000		500000		485000		638000		691000		618000		623000	
Manganese	7439-96-5	ppm-Al	25100		21900		21100		21900		26300		22100		28700		44500		35000		35400	
Mercury	7439-97-6	ppm-Al	462		1020		907		4560		5000		2230		3110		240		303		357	
Nickel	7440-02-0	ppm-Al	3310		3820		3650		5000		3280		8880		5450		5450		4970		5600	
Potassium	7440-09-7	ppm-Al	213000		202000		195000		169000		199000		196000		217000		238000		212000		245000	
Selenium	7782-49-2	ppm-Al	94.9		126		131		128		110		112		154		641		471		560	
Silver	7440-22-4	ppm-Al	392		458		570		500		390	U	514		320		138		135		190	
Sodium	7440-23-5	ppm-Al	671000		679000		687000		568000		465000		496000		545000		960000		626000		831000	
Thallium	7440-28-0	ppm-Al	18.4		37.9		21		11.6		11.5		14.5		18.5		134	U	88.7	U	114	U
Titanium	7440-32-6	ppm-Al	29700		29700		31500		26700		25700		27300		31900		28500		26900		32100	
Vanadium	7440-62-2	ppm-Al	3420		3570		3790		3480		3600		4650		3840		3990		2920		3550	
Zinc	7440-66-6	ppm-Al	34200		38400		42900		50000		33800		47000		50700		49700		54100		75400	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED088		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089	
		Sample Name	NB02SED088G-04		NB02SED089C-01		NB02SED089C-02		NB02SED089C-03		NB02SED089C-04		NB02SED089C-05		NB02SED089C-06		NB02SED089C-07		NB02SED089C-08		NB02SED089C-09	
		Date Collected	11/13/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	346	U	415	U	378	U	373	U	367	U	355	U	353	U	363	U	337	U	363	U
Arsenic	7440-38-2	ppm-Al	3690		1480		2060		3530		4890		5690		6630		3630		5420		6140	
Barium	7440-39-3	ppm-Al	16800		11800		22800		57400		102000		87200		29700		17400		24900		25800	
Beryllium	7440-41-7	ppm-Al	69.2	U	46.3		54.1		54.4		49.5		55.6		57.9		61.3		59.8		64.3	
Cadmium	7440-43-9	ppm-Al	123		163		751		1110		1510		1550		1310		1150		1390		1190	
Calcium	7440-70-2	ppm-Al	232000		472000		421000		562000		478000		541000		427000		427000		347000		327000	
Chromium	7440-47-3	ppm-Al	6330		8710		19900		27700		31300		32900		47800		33900		42400		66700	
Cobalt	7440-48-4	ppm-Al	885		830		800		852		793		872		889		738		679		713	
Copper	7440-50-8	ppm-Al	16200		14000		35000		45500		46400		44900		50400		36100		53100		59100	
Iron	7439-89-6	ppm-Al	2950000		2330000		2100000		2200000		2200000		2210000		2200000		2210000		2210000		2310000	
Lead	7439-92-1	ppm-Al	26900		13400		21200		23900		24300		22700		28400		23500		36700		39000	
Magnesium	7439-95-4	ppm-Al	443000		628000		551000		553000		528000		537000		513000		502000		468000		487000	
Manganese	7439-96-5	ppm-Al	34900		30500		25900		24900		21700		24200		21900		23400		20400		21800	
Mercury	7439-97-6	ppm-Al	385		190		681		1830		2460		2090		1290		1090		1420		1060	
Nickel	7440-02-0	ppm-Al	2520		3090		3430		3930		4290		5460		5420		3510		3500		3330	
Potassium	7440-09-7	ppm-Al	187000		227000		204000		207000		194000		200000		199000		203000		195000		195000	
Selenium	7782-49-2	ppm-Al	346	U	65.3		141		189		207		191		179		169		223		216	
Silver	7440-22-4	ppm-Al	66.2		170		411		544		596		560		589		456		625		591	
Sodium	7440-23-5	ppm-Al	332000		823000		773000		740000		702000		667000		716000		532000		587000		576000	
Thallium	7440-28-0	ppm-Al	69.2	U	13.6		16.8		20.1		17.6		20.7		22.1		23.8		25		21.1	
Titanium	7440-32-6	ppm-Al	18200		24100		23900		25500		23400		23000		24300		24800		26700		23500	
Vanadium	7440-62-2	ppm-Al	2570		2950		3430		4080		4410		5070		5840		4540		4740		4580	
Zinc	7440-66-6	ppm-Al	24400		25400		41700		56000		56400		66500		67900		44600		53300		50900	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED089		NB02SED089		NB02SED089		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090	
		Sample Name	NB02SED089C-10		NB02SED089C-11		NB02SED089C-12		NB02SED090E-01		NB02SED090E-02		NB02SED090E-03		NB02SED090E-04		NB02SED090E-05		NB02SED090E-06		NB02SED090E-07	
		Date Collected	11/9/2007		11/9/2007		11/9/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007	
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	356	U	323	U	443	U	376	U	385	U	411	U	355	U	370	U	399	U	380	U
Arsenic	7440-38-2	ppm-Al	6050		6460		6030		947		1030		1380		1520		2280		3560		3330	
Barium	7440-39-3	ppm-Al	31600		23400		14400		7740		8690		11800		13400		18900		29300		15100	
Beryllium	7440-41-7	ppm-Al	73.4	U	54.3		73.8		51.9		56.6		56.5		47.7		51.9		59.4		56.6	
Cadmium	7440-43-9	ppm-Al	1460		366		336		180		148		460		791		815		993		783	
Calcium	7440-70-2	ppm-Al	319000		293000		289000		614000		861000		481000		418000		506000		811000		478000	
Chromium	7440-47-3	ppm-Al	35000		17100		13700		7890		8070		16300		21400		27500		34100		35100	
Cobalt	7440-48-4	ppm-Al	734		841		906		789		885		790		738		759		790		723	
Copper	7440-50-8	ppm-Al	57600		26100		20300		9400		10600		19700		23100		26700		31300		30500	
Iron	7439-89-6	ppm-Al	2290000		2340000		2300000		2290000		2430000		2350000		2180000		2250000		2290000		2320000	
Lead	7439-92-1	ppm-Al	46300		28600		23400		9550		11600		19800		22400		23000		24800		24600	
Magnesium	7439-95-4	ppm-Al	470000		479000		470000		624000		785000		576000		519000		549000		558000		525000	
Manganese	7439-96-5	ppm-Al	20600		25100		26000		30000		31400		26700		23000		24100		24800		21700	
Mercury	7439-97-6	ppm-Al	621		402		503		158		156		355		448		605		979		729	
Nickel	7440-02-0	ppm-Al	4050		4590		5140		3320		4710		4310		3740		4230		5150		4460	
Potassium	7440-09-7	ppm-Al	199000		196000		198000		213000		220000		217000		210000		218000		215000		215000	
Selenium	7782-49-2	ppm-Al	260		207		195		376	U	385	U	411	U	355	U	370	U	399	U	380	U
Silver	7440-22-4	ppm-Al	508		165		168		180		230		444		523		636		706		657	
Sodium	7440-23-5	ppm-Al	582000		474000		442000		613000		614000		631000		657000		772000		734000		693000	
Thallium	7440-28-0	ppm-Al	26.6		36		43		12.8		15.6		16.9		15.1		17.9		20.3		20.5	
Titanium	7440-32-6	ppm-Al	25000		22000		21300		31000		34300		34000		32900		35000		33600		33600	
Vanadium	7440-62-2	ppm-Al	3780		2760		2680		3050		3260		3480		3590		4100		5030		5280	
Zinc	7440-66-6	ppm-Al	55300		34100		25300		18600		20300		33200		36500		42600		47500		43600	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED091		NB02SED091	
		Sample Name	NB02SED090E-08		NB02SED090E-09		NB02SED090E-10		NB02SED090E-11		NB02SED090E-12		NB02SED090E-13		NB02SED090E-14		NB02SED090E-15		NB02SED091C-01		NB02SED091C-02	
		Date Collected	11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/7/2007		11/7/2007	
		Depth	9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	684	U	697	U	592	U	569	U	491	U	468	U	431	U	447	U	422	U	426	U
Arsenic	7440-38-2	ppm-Al	1350		1180		773		763		676		621		564		617		793		1020	
Barium	7440-39-3	ppm-Al	5000		3150		3260		3250		2990		2640		2220		2290		7560		8850	
Beryllium	7440-41-7	ppm-Al	46.9		47.8		46.1		49.4		46.6		42.5		44.2		48.4		61.5		58.2	
Cadmium	7440-43-9	ppm-Al	95.7		31.9		26.3		26.9		23.6		20.7		18.8		19.3		74.1		156	
Calcium	7440-70-2	ppm-Al	33200000		44800000		30400000		27800000		22100000		15700000		10900000		9790000		412000		531000	
Chromium	7440-47-3	ppm-Al	4790		2130		1790		1710		1660		1710		1760		1750		7480		10000	
Cobalt	7440-48-4	ppm-Al	742		677		641		644		625		632		652		689		741		770	
Copper	7440-50-8	ppm-Al	3950		1240		757		763		727		654		619		653		8000		10600	
Iron	7439-89-6	ppm-Al	2420000		2250000		2090000		2070000		2010000		2030000		2060000		2180000		2230000		2280000	
Lead	7439-92-1	ppm-Al	4340		1240		872		868		823		763		718		689		8520		10800	
Magnesium	7439-95-4	ppm-Al	725000		775000		773000		741000		662000		632000		592000		573000		632000		627000	
Manganese	7439-96-5	ppm-Al	75600		82500		67900		71600		58800		48700		41700		40100		27300		31400	
Mercury	7439-97-6	ppm-Al	56.6		9		4.4		2.3	U	1.7	U	1.9	U	1.9	U	1.7	U	170		238	
Nickel	7440-02-0	ppm-Al	2030		1610		1500		1480		1430		1430		1500		1510		2760		2410	
Potassium	7440-09-7	ppm-Al	230000		237000		238000		241000		237000		235000		233000		226000		225000		225000	
Selenium	7782-49-2	ppm-Al	684	U	697	U	39.5		37.4		35.7		30.5		26.5		33.9		61.5		63.9	
Silver	7440-22-4	ppm-Al	62.5		10.6		5.3		4.9		4.7		3.8		4		4.2		163		230	
Sodium	7440-23-5	ppm-Al	873000		964000		873000		850000		759000		735000		698000		664000		650000		630000	
Thallium	7440-28-0	ppm-Al	13.1		10.6		9.4		10.2		9.5		8.7		8.2		8.8		14.8		16.4	
Titanium	7440-32-6	ppm-Al	30100		28300		27800		26500		25200		26600		26300		26700		27300		26600	
Vanadium	7440-62-2	ppm-Al	2930		2610		2450		2380		2340		2370		2310		2380		2590		2710	
Zinc	7440-66-6	ppm-Al	10300		6200		4900		4730		4700		4680		4660		4740		14000		17200	

		Location ID	NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091	
		Sample Name	NB02SED091C-03		NB02SED091C-04		NB02SED091C-05		NB02SED091C-06		NB02SED091C-07		NB02SED091C-08		NB02SED091C-09		NB02SED091C-10		NB02SED091C-11		NB02SED091C-12	
		Date Collected	11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	463	U	403	U	382	U	383	U	377	U	345	U	377	U	366	U	298	U	300	U
Arsenic	7440-38-2	ppm-Al	1280		1640		2750		5040		3220		3070		3010		3340		2700		2250	
Barium	7440-39-3	ppm-Al	12000		15400		16600		19500		23100		23900		31600		27100		20800		9670	
Beryllium	7440-41-7	ppm-Al	59.4		55		55.1		52.5		52.2		53.4		60.9		57.7		37.3		49.3	
Cadmium	7440-43-9	ppm-Al	423		624		643		582		268		277		254		303		130		140	
Calcium	7440-70-2	ppm-Al	454000		392000		308000		330000		296000		323000		330000		586000		340000		445000	
Chromium	7440-47-3	ppm-Al	18300		26600		45400		32400		15400		15000		15900		17000		16500		7930	
Cobalt	7440-48-4	ppm-Al	772		752		699		716		732		709		681		711		702		747	
Copper	7440-50-8	ppm-Al	19300		23900		28200		24500		20700		19300		22800		24900		18600		8800	
Iron	7439-89-6	ppm-Al	2330000		2210000		2240000		2300000		2340000		2220000		2370000		2650000		2170000		2280000	
Lead	7439-92-1	ppm-Al	19300		22600		24900		25700		24600		24900		34000		32700		26100		13900	
Magnesium	7439-95-4	ppm-Al	575000		532000		497000		513000		534000		526000		517000		531000		489000		513000	
Manganese	7439-96-5	ppm-Al	27100		22300		20900		22400		23600		23800		24300		24900		26800		31400	
Mercury	7439-97-6	ppm-Al	203		336		376		574		246		223		203		113		87		167	
Nickel	7440-02-0	ppm-Al	3410		3570		3620		2960		3010		3240		2800		3210		2650		2250	
Potassium	7440-09-7	ppm-Al	219000		212000		207000		209000		209000		207000		209000		208000		196000		199000	
Selenium	7782-49-2	ppm-Al	122		128		151		163		167		162		188		254		155		120	
Silver	7440-22-4	ppm-Al	415		503		531		383		268		216		283		268		180		167	
Sodium	7440-23-5	ppm-Al	734000		678000		594000		579000		536000		450000		536000		501000		365000		322000	
Thallium	7440-28-0	ppm-Al	19.5		14.8		17.3		20.6		20.3		22.3		22.5		23.2		14.9		21.3	
Titanium	7440-32-6	ppm-Al	28500		27600		26700		25700		26800		23200		22500		23200		21700		22500	
Vanadium	7440-62-2	ppm-Al	3150		3580		4400		3090		3130		2860		2900		2800		2650		2530	
Zinc	7440-66-6	ppm-Al	31100		38300		38200		37900		32500		34700		44000		44100		33600		17900	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092	
		Sample Name	NB02SED091C-13		NB02SED091C-14		NB02SED091C-15		NB02SED091C-16		NB02SED092C-01		NB02SED092C-02		NB02SED092C-03		NB02SED092C-04		NB02SED092C-05		NB02SED092C-06	
		Date Collected	11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007	
		Depth	19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	1.2	U	1.4	U	1.4	U	2.5	U	472	U	441	U	393	U	356	U	367	U	361	U
Arsenic	7440-38-2	ppm-Al	1180		772		656		620		1220		1790		1370		1660		2830		2440	
Barium	7440-39-3	ppm-Al	4750		3280		2550		2560		9980		13100		12200		14000		19500		13400	
Beryllium	7440-41-7	ppm-Al	53.5		44.6		40.6		49.6		50.3		50.4		62.8		73.6	U	74.7	U	72.2	U
Cadmium	7440-43-9	ppm-Al	33.3		19.6		14.6		18.2		154		496		628		552		830		900	
Calcium	7440-70-2	ppm-Al	461000		261000		352000		264000		470000		385000		440000		613000		555000		417000	
Chromium	7440-47-3	ppm-Al	3320		2200		2130		2050		10800		21500		23600		26600		37900		58300	
Cobalt	7440-48-4	ppm-Al	798		728		698		826		791		811		807		773		782		711	
Copper	7440-50-8	ppm-Al	3240		1700		1030		950		10500		20600		18600		18100		23200		26300	
Iron	7439-89-6	ppm-Al	2290000		2100000		2070000		2310000		2350000		2420000		2240000		2200000		2170000		2160000	
Lead	7439-92-1	ppm-Al	4080		2520		1110		764		11900		21700		19500		15800		18600		22200	
Magnesium	7439-95-4	ppm-Al	485000		459000		501000		519000		597000		548000		551000		564000		536000		520000	
Manganese	7439-96-5	ppm-Al	31100		35900		30500		31200		28100		25700		24600		27200		25400		21400	
Mercury	7439-97-6	ppm-Al	57.9		28.3		4.2		2.5	U	298		787		662		620		950		783	
Nickel	7440-02-0	ppm-Al	1980		1800		1720		2130		2930		3690		3220		3120		3950		3730	
Potassium	7440-09-7	ppm-Al	189000		186000		214000		198000		207000		208000		203000		212000		202000		210000	
Selenium	7782-49-2	ppm-Al	51.8		44.6		36.5		37.2		78		110		103		92		105		100	
Silver	7440-22-4	ppm-Al	20.2		14.1		3.5		2.7		164		370		338		325		421		506	
Sodium	7440-23-5	ppm-Al	296000		312000		302000		273000		608000		680000		614000		566000		589000		783000	
Thallium	7440-28-0	ppm-Al	11.4		8.8		7.8		8.3		13.3		18.9		16.6		17.2		17.6		20	
Titanium	7440-32-6	ppm-Al	23300		22500		26800		30200		26300		25400		25000		26400		25600		27100	
Vanadium	7440-62-2	ppm-Al	2570		2370		2390		2540		2690		3210		3270		3380		4050		4740	
Zinc	7440-66-6	ppm-Al	8250		5360		4830		4940		19500		36600		33900		33400		43900		45800	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092	
		Sample Name	NB02SED092C-07		NB02SED092C-08		NB02SED092C-09		NB02SED092C-10		NB02SED092C-11		NB02SED092C-12		NB02SED092C-13		NB02SED092C-14		NB02SED092C-15		NB02SED092C-16			
		Date Collected	11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007			
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Metals (Normalized to Aluminum)																								
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000			
Antimony	7440-36-0	ppm-Al	320	U	326	U	327	U	385	U	374	U	392	U	364	U	323	U	335	U	352	U		
Arsenic	7440-38-2	ppm-Al	1160		2170		2240		6280		8060		7060		4440		3780		3610		3270			
Barium	7440-39-3	ppm-Al	7400		21600		19200		45700		71600		127000		162000		123000		189000		157000			
Beryllium	7440-41-7	ppm-Al	51.3		54.1		60.8		60.1		57.4		66.4		72.8	U	52.5		54.2		59.3			
Cadmium	7440-43-9	ppm-Al	240		1240		987		1630		2460		4340		2830		1190		1200		924			
Calcium	7440-70-2	ppm-Al	655000		467000		719000		407000		291000		294000		322000		324000		331000		297000			
Chromium	7440-47-3	ppm-Al	12700		42900		42600		95300		105000		101000		99300		45800		49500		41900			
Cobalt	7440-48-4	ppm-Al	753		669		745		770		748		846		768		753		761		717			
Copper	7440-50-8	ppm-Al	7270		29400		21800		47400		47800		49000		40900		30100		33500		32600			
Iron	7439-89-6	ppm-Al	2170000		2080000		2220000		2390000		2380000		2380000		2310000		2290000		2340000		2280000			
Lead	7439-92-1	ppm-Al	8400		56400		42000		122000		105000		82500		94000		53000		85800		83400			
Magnesium	7439-95-4	ppm-Al	541000		481000		576000		509000		479000		492000		489000		502000		503000		485000			
Manganese	7439-96-5	ppm-Al	31300		22000		29600		21800		19200		21300		21200		23200		22800		21300			
Mercury	7439-97-6	ppm-Al	167		602		379		953		1090		909		609		481		484		441			
Nickel	7440-02-0	ppm-Al	2270		3110		2650		3410		3390		3270		3160		2970		3070		2950			
Potassium	7440-09-7	ppm-Al	208000		197000		224000		206000		200000		206000		201000		206000		206000		200000			
Selenium	7782-49-2	ppm-Al	46		122		98		223		232		343		371		184		181		262			
Silver	7440-22-4	ppm-Al	107		442		320		541		535		462		344		285		277		303			
Sodium	7440-23-5	ppm-Al	700000		509000		463000		589000		591000		564000		538000		467000		490000		500000			
Thallium	7440-28-0	ppm-Al	12.7		12.7		16.3		30.4		33.5		35.7		31.1		31		21.9		32.4			
Titanium	7440-32-6	ppm-Al	23800		24800		26500		26400		25900		23800		22600		23700		22800		22600			
Vanadium	7440-62-2	ppm-Al	2840		4140		3210		3600		3140		2940		2930		2870		2780		2570			
Zinc	7440-66-6	ppm-Al	16900		54000		36800		63200		91000		182000		209000		130000		223000		195000			

		Location ID	NB02SED092		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093	
		Sample Name	NB02SED092C-17		NB02SED093C-01		NB02SED093C-02		NB02SED093C-03		NB02SED093C-04		NB02SED093C-05		NB02SED093C-06		NB02SED093C-07		NB02SED093C-08		NB02SED093C-09	
		Date Collected	11/8/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007	
		Depth	27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	321	U	456	U	431	U	441	U	424	U	426	U	386	U	338	U	349	U	348	U
Arsenic	7440-38-2	ppm-Al	2370		1480		2120		5590		7340		5980		3850		3380		2950		2810	
Barium	7440-39-3	ppm-Al	123000		12300		15500		18500		19100		20700		24600		23900		25000		28900	
Beryllium	7440-41-7	ppm-Al	53.4		54.4		62.8		65.8		63.3		64.7		64.1		60		59.7		60.1	
Cadmium	7440-43-9	ppm-Al	1030		214		511		553		576		809		400		256		242		215	
Calcium	7440-70-2	ppm-Al	340000		779000		392000		342000		306000		315000		311000		269000		334000		337000	
Chromium	7440-47-3	ppm-Al	28200		23600		52600		80300		67400		42000		28100		20300		22000		22500	
Cobalt	7440-48-4	ppm-Al	733		786		737		704		691		735		717		725		732		717	
Copper	7440-50-8	ppm-Al	21800		13300		22700		33600		29400		24000		22900		20500		19700		20000	
Iron	7439-89-6	ppm-Al	2200000		2370000		2390000		2450000		2400000		2480000		2380000		2310000		2340000		2350000	
Lead	7439-92-1	ppm-Al	50500		13000		21200		31600		26800		23700		25000		23800		23800		26900	
Magnesium	7439-95-4	ppm-Al	487000		554000		514000		490000		482000		500000		508000		494000		505000		501000	
Manganese	7439-96-5	ppm-Al	24900		30300		23900		20500		21000		23200		23900		24400		26000		25800	
Mercury	7439-97-6	ppm-Al	397		379		905		1380		1110		1040		683		556		497		420	
Nickel	7440-02-0	ppm-Al	2720		2890		3070		3190		2950		3150		2880		2810		2750		2550	
Potassium	7440-09-7	ppm-Al	190000		202000		201000		197000		193000		197000		197000		190000		191000		187000	
Selenium	7782-49-2	ppm-Al	206		63.1		117		164		129		125		159		113		87.2		106	
Silver	7440-22-4	ppm-Al	206		184																	
Sodium	7440-23-5	ppm-Al	389000		583000		625000		684000		635000		589000		525000		438000		417000		424000	
Thallium	7440-28-0	ppm-Al	26.7		91.3	U	19		23.7		25.2		22.1		22.8		20		20.8		22.5	
Titanium	7440-32-6	ppm-Al	21500		32300		31100		30400		29700		28300		28100		27000		27500		27200	
Vanadium	7440-62-2	ppm-Al	2390		3170		4120		4290		3480		3210		3310		3060		3010		2890	
Zinc	7440-66-6	ppm-Al	127000		26400		39600		42800		43100		41800		38600		34000		37400		40100	

		Location ID	NB02SED093		NB02SED093		NB02SED093		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094	
		Sample Name	NB02SED093C-10		NB02SED093C-11		NB02SED093C-12		NB02SED094D-01		NB02SED094D-02		NB02SED094D-03		NB02SED094D-04		NB02SED094D-05		NB02SED094D-06		NB02SED094D-07	
		Date Collected	12/7/2007		12/7/2007		12/7/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007	
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	331	U	616	U	948	U	589	U	492	U	519	U	519	U	443	U	402	U	384	U
Arsenic	7440-38-2	ppm-Al	2370		888		171		982		908		962		1030		1020		1080		978	
Barium	7440-39-3	ppm-Al	23200		6610		3330		7430		7400		8450		8470		7940		8030		7750	
Beryllium	7440-41-7	ppm-Al	59.1		81.5		82.6		58.9		56.7		72.1		68.3		61		55.3		56.5	
Cadmium	7440-43-9	ppm-Al	201		59.8		28.4		116		83.3		106		96.2		146		121		138	
Calcium	7440-70-2	ppm-Al	379000		388000		262000		455000		483000		629000		840000		504000		518000		433000	
Chromium	7440-47-3	ppm-Al	20300		6990		2050		8630		8290		8670		8990		9800		10100		9710	
Cobalt	7440-48-4	ppm-Al	734		888		1070		777		783		827		846		838		773		754	
Copper	7440-50-8	ppm-Al	17400		4330		917		8910		7750		8290		8570		9680		9550		9420	
Iron	7439-89-6	ppm-Al	2340000		2570000		1810000		2380000		2340000		2390000		2400000		2380000		2360000		2300000	
Lead	7439-92-1	ppm-Al	21900		4750		1310		10000		8280		9090		9450		10300		9850		9640	
Magnesium	7439-95-4	ppm-Al	532000		478000		486000		642000		622000		654000		665000		707000		599000		571000	
Manganese	7439-96-5	ppm-Al	27700		27500		18900		35600		36500		39300		39600		41800		42600		37900	
Mercury	7439-97-6	ppm-Al	305		58		3.7	U	143		150		173		202		169		182		152	
Nickel	7440-02-0	ppm-Al	2570		1920		1870		2360		2330		2570		3020		4070		2420		2370	
Potassium	7440-09-7	ppm-Al	195000		180000		145000		249000		216000		232000		238000		228000		220000		216000	
Selenium	7782-49-2	ppm-Al	123		48.9		10.4	U	72.3		492	U	519	U	519	U	78.5		69.7		71	
Silver	7440-22-4	ppm-Al							179		150		192		212		219		212		225	
Sodium	7440-23-5	ppm-Al	397000		444000		292000		946000		743000		648000		613000		661000		736000		609000	
Thallium	7440-28-0	ppm-Al	19.5		11.8		12.5		17		14.2		17.3		17.3		17.1		15.9		15.2	
Titanium	7440-32-6	ppm-Al	27200		43300		50200		26100		27200		28400		28500		24800		25000		23600	
Vanadium	7440-62-2	ppm-Al	2560		5470		2940		2640		2650		2790		2810		2650		2670		2550	
Zinc	7440-66-6	ppm-Al	35100		10300		4560		18800		16000		17000		15900		17900		16700		16900	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094	
		Sample Name	NB02SED094D-08		NB02SED094D-09		NB02SED094D-10		NB02SED094D-11		NB02SED094D-12		NB02SED094D-13		NB02SED094D-14		NB02SED094D-15		NB02SED094D-16		NB02SED094D-17	
		Date Collected	11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007	
		Depth	9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	485	U	426	U	397	U	356	U	453	U	349	U	391	U	456	U	340	U	333	U
Arsenic	7440-38-2	ppm-Al	1250		1100		1090		1110		1120		1130		1300		1530		1350		1380	
Barium	7440-39-3	ppm-Al	9420		8870		8810		9190		9680		10100		11000		11400		10800		11000	
Beryllium	7440-41-7	ppm-Al	67.3		65.2		61.9		48.9		71.4		60.3		66.1		76.7		54.2		56.3	
Cadmium	7440-43-9	ppm-Al	188		191		190		148		221		286		322		388		319		382	
Calcium	7440-70-2	ppm-Al	617000		563000		580000		527000		705000		817000		733000		497000		452000		507000	
Chromium	7440-47-3	ppm-Al	12300		11100		11400		13300		11900		12800		15700		17800		17700		17500	
Cobalt	7440-48-4	ppm-Al	812		809		833		756		835		833		826		806		771		750	
Copper	7440-50-8	ppm-Al	12000		11600		11700		11900		11400		12900		14600		17700		17600		18400	
Iron	7439-89-6	ppm-Al	2430000		2410000		2370000		2270000		2360000		2250000		2340000		2380000		2280000		2310000	
Lead	7439-92-1	ppm-Al	12700		11500		11300		11000		11400		11300		13300		17500		15900		16500	
Magnesium	7439-95-4	ppm-Al	650000		650000		652000		567000		624000		609000		602000		586000		538000		545000	
Manganese	7439-96-5	ppm-Al	38100		38700		44300		34900		38000		39200		38800		35200		37700		38800	
Mercury	7439-97-6	ppm-Al	238		217		214		304		332		341		400		485		361		431	
Nickel	7440-02-0	ppm-Al	2770		2970		3560		2530		2540		2640		2910		3420		2950		2970	
Potassium	7440-09-7	ppm-Al	257000		223000		210000		206000		226000		212000		217000		212000		194000		202000	
Selenium	7782-49-2	ppm-Al	91.1		85.2		77		356	U	453	U	349	U	391	U	456	U	340	U	97.2	
Silver	7440-22-4	ppm-Al	307		278		270		252		302		294		357		524		396		424	
Sodium	7440-23-5	ppm-Al	611000		540000		521000		466000		480000		402000		448000		499000		474000		471000	
Thallium	7440-28-0	ppm-Al	19.8		18.3		18.3		13.3		20.1		18.3		20		23.3		17.4		20.8	
Titanium	7440-32-6	ppm-Al	26400		26200		26100		28700		27100		27500		27600		25400		25200		27400	
Vanadium	7440-62-2	ppm-Al	2850		2790		2910		2770		2820		2940		3030		2990		3100		3080	
Zinc	7440-66-6	ppm-Al	20400		18600		18900		19100		20100		21700		24000		27900		27000		26500	

		Location ID	NB02SED097		NB02SED097		NB02SED097		NB02SED097		NB02SED097		NB02SED097		NB02SED097		NB02SED097		NB02SED097		NB02SED097	
		Sample Name	NB02SED097H-01		NB02SED097H-02		NB02SED097H-03		NB02SED097H-04		NB02SED097H-05		NB02SED097H-06		NB02SED097H-07		NB02SED097H-08		NB02SED097H-09		NB02SED097H-10	
		Date Collected	12/6/2007		12/6/2007		12/6/2007		12/6/2007		12/6/2007		12/6/2007		12/6/2007		12/6/2007		12/6/2007		12/6/2007	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	415	U	367	U	338	U	311	U	379	U	385	U	494	U	628	U	504	U	510	U
Arsenic	7440-38-2	ppm-Al	3810		4460		6260		4710		556		556		266		628		115		605	
Barium	7440-39-3	ppm-Al	23100		30700		17300		6950		2310		2320		1410		6100		8380		9910	
Beryllium	7440-41-7	ppm-Al	54.2		57.8		54.3		46.4		50		47.9		81.3		95.2		92.2		265	
Cadmium	7440-43-9	ppm-Al	127		150		159		60.3		18.5		17.9		15.4		10.2		12.7		32.1	
Calcium	7440-70-2	ppm-Al	361000		403000		285000		237000		292000		244000		49000		37200		38400		50500	
Chromium	7440-47-3	ppm-Al	10100		12100		11400		7550		1940		1960		1810		2320		6710		4310	
Cobalt	7440-48-4	ppm-Al	761		755		748		742		685		684		731		801		887		926	
Copper	7440-50-8	ppm-Al	23400		27300		21500		16300		879		932		1010		1060		1760		1810	
Iron	7439-89-6	ppm-Al	2370000		2350000		2250000		2100000		2070000		2030000		2150000		2510000		3530000		3380000	
Lead	7439-92-1	ppm-Al	25600		34100		23800		17500		855		863		798		519		974		983	
Magnesium	7439-95-4	ppm-Al	532000		517000		474000		442000		481000		468000		362000		364000		431000		476000	
Manganese	7439-96-5	ppm-Al	27700		26300		27000		32300		35300		34500		13700		10200		12900		15400	
Mercury	7439-97-6	ppm-Al	345		435		437		417		1.4	U	1.7		1.8	U	2.4	U	2.1	U	1.9	U
Nickel	7440-02-0	ppm-Al	3130		3170		3670		3250		1610		1580		1560		1930		2490		2680	
Potassium	7440-09-7	ppm-Al	217000		213000		192000		177000		198000		199000		183000		187000		212000		219000	
Selenium	7782-49-2	ppm-Al	232		388		245		86.1		33.9		28.2		29.5		19.7		14.6		49.1	
Silver	7440-22-4	ppm-Al	141		163		179		79.5		76.6	U	76.9	U	98.8	U	128	U	101	U	104	U
Sodium	7440-23-5	ppm-Al	694000		588000		486000		390000		382000		337000		114000		87900		90400		116000	
Thallium	7440-28-0	ppm-Al	84.5	U	74.8	U	66.2	U	61.6	U	76.6	U	76.9	U	98.8	U	128	U	101	U	104	U
Titanium	7440-32-6	ppm-Al	28000		27200		24600		23400		25700		27300		30300		29000		32500		29700	
Vanadium	7440-62-2	ppm-Al	2820		2940		2720		2440		2390		2420		2440		4630		8230		4330	
Zinc	7440-66-6	ppm-Al	30600		38600		30900		20300		4390		4440		4770		6470		6780		6540	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098	
		Sample Name	NB02SED098E-01		NB02SED098E-02		NB02SED098E-03		NB02SED098E-04		NB02SED098E-05		NB02SED098E-06		NB02SED098E-07		NB02SED098E-08		NB02SED098E-09		NB02SED098E-10	
		Date Collected	12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	427	U	410	U	387	U	370	U	363	U	361	U	316	U	295	U	315	U	603	U
Arsenic	7440-38-2	ppm-Al	818		975		1080		1090		1180		1220		1210		1060		523		87.3	
Barium	7440-39-3	ppm-Al	10900		12800		10300		10500		12000		13700		13100		10800		4960		5340	
Beryllium	7440-41-7	ppm-Al	45.5		48.4		48		53.2		52.9		52.4		51		61.9		47.7		37.4	
Cadmium	7440-43-9	ppm-Al	109		131		173		227		239		272		303		216		39.6		7.1	
Calcium	7440-70-2	ppm-Al	829000		517000		455000		427000		516000		528000		568000		978000		937000		59300	
Chromium	7440-47-3	ppm-Al	6900		8610		9070		9680		10700		11400		12200		8630		3130		1930	
Cobalt	7440-48-4	ppm-Al	745		787		720		721		730		769		761		849		847		811	
Copper	7440-50-8	ppm-Al	9060		11600		12700		13100		15100		16500		16300		8270		2290		1520	
Iron	7439-89-6	ppm-Al	2270000		2240000		2290000		2200000		2300000		2290000		2230000		2210000		2230000		2370000	
Lead	7439-92-1	ppm-Al	7620		9920		10700		10900		12200		12800		12700		7100		2060		499	
Magnesium	7439-95-4	ppm-Al	606000		658000		589000		569000		583000		597000		574000		599000		627000		520000	
Manganese	7439-96-5	ppm-Al	26700		28100		29000		29000		27300		27800		30200		36500		36100		14100	
Mercury	7439-97-6	ppm-Al	173		197		287		390		346		381		400		281		99.1		1.6	U
Nickel	7440-02-0	ppm-Al	2340		3420		2340		2380		2610		2950		2560		2420		2080		2100	
Potassium	7440-09-7	ppm-Al	231000		235000		229000		216000		219000		220000		218000		225000		227000		180000	
Selenium	7782-49-2	ppm-Al	30.9		35.2		45.3		48.1		48.5		57.1		40		17.3		3.2		3.7	U
Silver	7440-22-4	ppm-Al																				
Sodium	7440-23-5	ppm-Al	628000		653000		700000		627000		583000		566000		489000		354000		261000		274000	
Thallium	7440-28-0	ppm-Al	10		12.3		12.7		13.6		13.8		13.6		13.5		12.2		8.5		5.2	
Titanium	7440-32-6	ppm-Al	30600		28900		28700		26800		29100		30000		30700		30100		31700		25200	
Vanadium	7440-62-2	ppm-Al	2700		2700		2780		2740		2830		2860		2860		2860		2500		2620	
Zinc	7440-66-6	ppm-Al	18500		19100		19400		20200		21300		22500		22600		15500		6680		4640	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED098		NB02SED098		NB02SED100		NB02SED101		NB02SED102		NB02SED104		NB02SED105		NB02SED106		NB02SED107		NB02SED108	
		Sample Name	NB02SED098E-11		NB02SED098E-12		NB02SED100B-01		NB02SED101A-01		NB02SED102A-01		NB02SED104C-01		NB02SED105A-01		NB02SED106B-01		NB02SED107B-01		NB02SED108A-01	
		Date Collected	12/12/2007		12/12/2007		12/7/2007		11/2/2007		10/30/2007		11/16/2007		11/1/2007		11/15/2007		11/6/2007		10/31/2007	
		Depth	15.5-17.5		17.5-19.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	585	U	2.9	U	749	U	554	U	379	U	382	U	498	U	405	U	402	U	422	U
Arsenic	7440-38-2	ppm-Al	242		152		903		807		855		662		1420		730		1060		667	
Barium	7440-39-3	ppm-Al	6710		4500		10600		10800		10100		8090		7170		7160		8910		7610	
Beryllium	7440-41-7	ppm-Al	70.6		48.7		74.9		48.2		49.7		54.4		52.3		52.7		50.6		48.9	
Cadmium	7440-43-9	ppm-Al	10.9		37.2		92.5		90.4		131		80.9		97.1		94.6		138		83.3	U
Calcium	7440-70-2	ppm-Al	107000		200000		656000		578000		370000		597000		285000		470000		530000		556000	
Chromium	7440-47-3	ppm-Al	2080		1890		8990		7900		8620		6550		10300		6360		9480		5080	
Cobalt	7440-48-4	ppm-Al	968		917		925		783		738		831		834		689		782		667	
Copper	7440-50-8	ppm-Al	1710		3610		8410		7730		12800		11300		7210		6640		10900		6390	
Iron	7439-89-6	ppm-Al	2920000		2480000		2420000		2330000		2260000		2230000		2480000		2150000		2240000		2030000	
Lead	7439-92-1	ppm-Al	1050		688		9010		8330		15400		7430		10300		6820		10600		5560	
Magnesium	7439-95-4	ppm-Al	607000		628000		511000		636000		554000		590000		542000		586000		644000		589000	
Manganese	7439-96-5	ppm-Al	17300		18000		31500		33400		25400		29400		27900		30500		35700		29600	
Mercury	7439-97-6	ppm-Al	1.6	U	2.6	U	264		100		441		110		137		115		241		72.2	
Nickel	7440-02-0	ppm-Al	2300		2150		2380		2370		2720		3290		2500		2050		2600		2020	
Potassium	7440-09-7	ppm-Al	220000		229000		186000		218000		203000		222000		202000		218000		234000		247000	
Selenium	7782-49-2	ppm-Al	3.6	U	4.9	U	18.7		63.9		39.3		36		498	U	39.2		63.2		20	
Silver	7440-22-4	ppm-Al							111		172		125		90.9		108		236		106	
Sodium	7440-23-5	ppm-Al	282000		430000		610000		805000		519000		600000		534000		730000		787000		900000	
Thallium	7440-28-0	ppm-Al	9.9		8.3		18.5		14.5		13.1		13.2		14.9		13.5		14.4		11.1	
Titanium	7440-32-6	ppm-Al	35900		30400		33700		30500		30900		30900		29300		27800		26800		27500	
Vanadium	7440-62-2	ppm-Al	3000		2810		2750		2660		2720		2620		2810		2560		2760		2420	
Zinc	7440-66-6	ppm-Al	5200		4840		14000		17800		22600		16000		15700		13800		21100		13100	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED109		NB02SED110		NB02SED111		NB02SED112		NB02SED113		NB02SED114		NB02SED115		NB02SED116		NB02SED118		NB02SED119	
		Sample Name	NB02SED109B-01		NB02SED110D-01		NB02SED111F-01		NB02SED112A-01		NB02SED113B-01		NB02SED114C-01		NB02SED115E-01		NB02SED116A-01		NB02SED118B-01		NB02SED119A-01	
		Date Collected	11/29/2007		12/11/2007		12/10/2007		11/7/2007		12/10/2007		12/11/2007		12/10/2007		11/9/2007		11/14/2007		11/9/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	352	U	328	U	342	U	399	U	373	U	333	U	415	U	409	U	455	U	1030	U
Arsenic	7440-38-2	ppm-Al	739		534		696		811		720		1660		1080		1730		1450		469	
Barium	7440-39-3	ppm-Al	11600		11100		7580		6970		7270		27500		29900		17800		15800		10000	
Beryllium	7440-41-7	ppm-Al	47.9		52.9		50.3		52.4		54		58.5		67.9		75.3		91.1	U	46.9	
Cadmium	7440-43-9	ppm-Al	66.7		74.1		58.4		61.5		46		215		104		661		465		269	
Calcium	7440-70-2	ppm-Al	548000		672000		733000		542000		622000		815000		953000		410000		1610000		566000	
Chromium	7440-47-3	ppm-Al	5220		4760		5180		5010		4230		8370		5560		21600		21100		8910	
Cobalt	7440-48-4	ppm-Al	679		709		714		755		700		852		915		785		851		969	
Copper	7440-50-8	ppm-Al	4630		5820		5710		6140		5020		12400		8430		32200		25700		21400	
Iron	7439-89-6	ppm-Al	2100000		2070000		2070000		2170000		2090000		2280000		2510000		2190000		2410000		2490000	
Lead	7439-92-1	ppm-Al	6420		6190		5500		6240		5610		8670		6580		24100		26800		31900	
Magnesium	7439-95-4	ppm-Al	559000		566000		577000		597000		589000		608000		667000		536000		616000		716000	
Manganese	7439-96-5	ppm-Al	30300		30100		36100		33100		32300		36500		58200		23900		29000		21500	
Mercury	7439-97-6	ppm-Al	84.8		63.5		80.7		97.9		59.3		333		132		1110		564		1030	
Nickel	7440-02-0	ppm-Al	1980		1900		2110		2290		2270		2630		2520		3860		4260		7250	
Potassium	7440-09-7	ppm-Al	220000		237000		237000		217000		233000		236000		266000		217000		224000		208000	
Selenium	7782-49-2	ppm-Al	35.8		13.8		23.6		58.7		28.7		40		51.9		124		455	U	62.5	
Silver	7440-22-4	ppm-Al	103						112								570		584		113	
Sodium	7440-23-5	ppm-Al	598000		577000		602000		699000		636000		470000		564000		876000		853000		753000	
Thallium	7440-28-0	ppm-Al	10.3		10.6		10.6		11.2		12		11.9		16		17.2		91.1	U	17.5	
Titanium	7440-32-6	ppm-Al	27300		30100		33000		25900		30300		32100		41900		24600		28200		51300	
Vanadium	7440-62-2	ppm-Al	2440		2670		2740		2660		2710		3170		3210		3470		3590		3160	
Zinc	7440-66-6	ppm-Al	12600		16600		12000		12800		11800		17800		15100		46100		42100		49400	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	NB02SED120		NB02SED121		NB901		NB901		NB901		NB901		NB901		NB901		NB901		NB901	
		Sample Name	NB02SED120B-01		NB02SED121H-01		6JMS00021		6JMS00022		6JMS00023		6JMS00024		6JMS00025		6JMS00026		6JMS00027		6JMS00028	
		Date Collected	12/12/2007		12/12/2007		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998	
		Depth	0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.7		0.7-1.3		1.3-2.3		2.3-3.0		3.0-3.9		3.9-4.9		4.9-5.6	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	435	U	470	U	234		283		425		628		485		465		687		886	
Arsenic	7440-38-2	ppm-Al	963		1090		2100		2180		2310		2560		2480		2310		2830		3660	
Barium	7440-39-3	ppm-Al	17300		13900		10000		11000		12700		14900		14300		12600		14600		19300	
Beryllium	7440-41-7	ppm-Al	47.8		59.6		60.1		59.7		57.5		63.7		56.3		61.4		67		64.2	
Cadmium	7440-43-9	ppm-Al	124		152		112		199		425		673		583		491		600		659	
Calcium	7440-70-2	ppm-Al	512000		500000		368000		374000		354000		379000		350000		314000		390000		415000	
Chromium	7440-47-3	ppm-Al	6460		6350		12000		14500		21300		31200		25700		23800		35700		43700	
Cobalt	7440-48-4	ppm-Al	727		768		1050		1050		1090		1250		1120		1040		1140		1140	
Copper	7440-50-8	ppm-Al	14300		13800		11200		14000		20700		27100		24100		20200		23200		27000	
Iron	7439-89-6	ppm-Al	2170000		2280000		2310000		2370000		2440000		2530000		2430000		2250000		2430000		2470000	
Lead	7439-92-1	ppm-Al	14000		12300		12500		14700		21200		30600		28000		23800		25100		25100	
Magnesium	7439-95-4	ppm-Al	601000		602000		652000		635000		582000		603000		596000		541000		596000		587000	
Manganese	7439-96-5	ppm-Al	28100		28900		28400		28700		26500		27300		26400		24700		27000		26700	
Mercury	7439-97-6	ppm-Al	149		219																	
Nickel	7440-02-0	ppm-Al	2400		2310		2800		3020		3880		4740		4120		3530		4000		4460	
Potassium	7440-09-7	ppm-Al	230000		232000		224000		222000		211000		203000		190000		193000		192000		195000	
Selenium	7782-49-2	ppm-Al	54.7		65.6		93.7		126		142		133		146		123		118		187	
Silver	7440-22-4	ppm-Al					255		335		460		558		505		412		496		553	
Sodium	7440-23-5	ppm-Al	870000		927000		826000		763000		696000		810000		779000		629000		688000		715000	
Thallium	7440-28-0	ppm-Al	11.2		13.2		530		650		549		566		641		535		600		610	
Titanium	7440-32-6	ppm-Al	29700		28000																	
Vanadium	7440-62-2	ppm-Al	2960		3010		2580		2650		2900		3250		3100		3090		3560		4080	
Zinc	7440-66-6	ppm-Al	22900		20000		20000		23600		36400		50600		44600		37900		44000		54900	

		Location ID	NB901		NB901		NBA06		NSSO-01		NSSO-03		NSSO-06		NSSO-08		NSSO-09		NWB01		NWB01	
		Sample Name	6JMS00029		6JMS00030		1JMS00007		NSSO115		NSSO305		NSSO605		NSSO805		NSSO985		1JMS00233		1JMS00234	
		Date Collected	9/24/1998		9/24/1998		7/13/1999		11/30/2005		11/29/2005		11/29/2005		11/30/2005		11/30/2005		11/13/2001		11/13/2001	
		Depth	5.6-6.6		6.6-7.5		0.0-0.3		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.2		0.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	680		592		55.4	U	35.6	U	1270		30.2	U	2060		39.7	U	55.2		40.7	U
Arsenic	7440-38-2	ppm-Al	3900		3730		1270		421		397		308		443		490		862		991	
Barium	7440-39-3	ppm-Al	15000		13400		6310		10900		9860		9830		12200		10200		8620		12300	
Beryllium	7440-41-7	ppm-Al	68		61.6		62.6		71		54.2		51.7		68.1		71.4		65.5		65.7	
Cadmium	7440-43-9	ppm-Al	437		432		93.5		3.6	U	3.6	U	3.1	U	4.1	U	4	U	72.4		76.9	
Calcium	7440-70-2	ppm-Al	517000		390000		210000		727000		929000		616000		1000000		681000		684000		764000	
Chromium	7440-47-3	ppm-Al	32400		28600		8780		1540		1520		1490		1620		1540		5790		10700	
Cobalt	7440-48-4	ppm-Al	1180		1110		698		1000		950		927		1000		1020		784		787	
Copper	7440-50-8	ppm-Al	18600		17600		6630		2150		2230		2090		2280		2300		7140		9190	
Iron	7439-89-6	ppm-Al	2480000		2370000		2160000		2090000		2110000		2080000		2140000		2090000		2060000		2070000	
Lead	7439-92-1	ppm-Al	17400		16600		7410		622		559		544		581		653		7780		10500	
Magnesium	7439-95-4	ppm-Al	629000		582000		490000		650000		642000		638000		706000		676000		728000		644000	
Manganese	7439-96-5	ppm-Al	32900		30700		26500		60600		53000		53300		79300		56100		28400		33200	
Mercury	7439-97-6	ppm-Al					137		0.65	U	0	U	0	U	0.73	U	0.68	U	112		130	
Nickel	7440-02-0	ppm-Al	4040		3560		2170		1770		1820		1780		1790		1790		4450		3340	
Potassium	7440-09-7	ppm-Al	198000		187000		211000		198000		183000		190000		204000		200000		298000		288000	
Selenium	7782-49-2	ppm-Al	126		128		158		36.9	U	36.4	U	31.4	U	42.5	U	41.4	U	68.1	U	92.6	
Silver	7440-22-4	ppm-Al	340		320		108		187		8.4	U	7.3	U	217		200		181		139	
Sodium	7440-23-5	ppm-Al	673000		572000		560000		176000		136000		168000		191000		219000		768000		523000	
Thallium	7440-28-0	ppm-Al	573		584		137		57.1	U	56.2	U	48.5	U	65.7	U	63.9	U	86.2	U	67.6	
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	3900		3680		2380		2060		2220		2220		2210		1990		2770		2900	
Zinc	7440-66-6	ppm-Al	37500		33100		14700		5080		5020		4950		5060		5200		15100		14200	

		Location ID	NWB01		NWB01		NWB01		NWB01		NWB01		NWB01A		NWB01A		NWB01A		NWB01A		NWB01A	
		Sample Name	1JMS00235		1JMS00236		1JMS00237		1JMS00238		1JMS00245		1JMS00152		1JMS00153		1JMS00154		1JMS00155		1JMS00156	
		Date Collected	11/13/2001		11/13/2001		11/13/2001		11/13/2001		11/13/2001		8/30/2000		8/30/2000		8/30/2000		8/30/2000		8/30/2000	
		Depth	0.3-0.7		0.7-1.3		1.3-1.6		1.6-2.6		0.0-0.3		0.0-0.3		0.3		0.3-0.7		0.7-1.6		1.6-2.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	46.2	U	48.4	U	48.6	U	52.1	U	39.5	U	67.5	U	61.9	U	51.4	U	68.1	U	51.7	U
Arsenic	7440-38-2	ppm-Al	1070		1250		757		863		789		902		857		964		1160		531	
Barium	7440-39-3	ppm-Al	11300		12700		4750		3360		6800		9190		8330		9730		11600		2700	
Beryllium	7440-41-7	ppm-Al	66.4		70.3		65.4		63		59.2		52.8		54		55.9		57.1		48.3	
Cadmium	7440-43-9	ppm-Al	118		133		28		9.6	U	61.2		114		95.2		117		263		16.8	
Calcium	7440-70-2	ppm-Al	749000		930000		2150000		10400000		671000		530000		526000		896000		609000		160000	
Chromium	7440-47-3	ppm-Al	7110		7660		2880		2000		5990		7870		7210		7690		11600		2030	
Cobalt	7440-48-4	ppm-Al	756		781		757		726		782		805		746		775		812		692	
Copper	7440-50-8	ppm-Al	8490		8520		2150		973		6720		9270		8570		9550		13800		944	
Iron	7439-89-6	ppm-Al	2060000		2130000		2090000		2110000		1940000		2180000		2140000		2210000		2260000		2000000	
Lead	7439-92-1	ppm-Al	8240		11200		2310		877		7070		8780		8490		8650		12700		916	
Magnesium	7439-95-4	ppm-Al	589000		585000		513000		503000		850000		693000		581000		612000		605000		480000	
Manganese	7439-96-5	ppm-Al	33300		35000		36600		64500		28800		33100		31200		34900		34400		35400	
Mercury	7439-97-6	ppm-Al	227		188		82.2		5.5		102		163		143		162		340		2.8	U
Nickel	7440-02-0	ppm-Al	2600		2870		1930		1590		6460		4000		2930		2880		3020		1500	
Potassium	7440-09-7	ppm-Al	312000		298000		311000		311000		302000		254000		252000		268000		261000		246000	
Selenium	7782-49-2	ppm-Al	60.5	U	78.1		64.5		67.1	U	88.4		138	U	127	U	108	U	143	U	105	U
Silver	7440-22-4	ppm-Al	160		164		16.8	U	17.8	U	156		203		214		216		318		27.3	U
Sodium	7440-23-5	ppm-Al	516000		441000		456000		511000		687000		611000		570000		550000		620000		470000	
Thallium	7440-28-0	ppm-Al	76.5	U	78.1	U	80.4	U	86.3	U	65.3	U	114	U	103	U	87.4	U	121	U	90.9	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	2810		2820		2480		2380		2610		2700		2750		2900		3240		2240	
Zinc	7440-66-6	ppm-Al	14100		15900		6740		4810		13300		16000		15600		15300		22100		4620	

		Location ID	PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PR0001SDM		PR0001SDM	
		Sample Name	PC02SED086E-01		PC02SED086E-02		PC02SED086E-03		PC02SED086E-04		PC02SED086E-05		PC02SED086E-06		PC02SED086E-07		PC02SED086E-08		PR0001SDM		PR0001SDM	
		Date Collected	11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		5/23/2000		5/23/2000	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000				1000000	
Antimony	7440-36-0	ppm-Al	422	U	391	U	387	U	379	U	325	U	300	U	279	U	290	U			69.5	U
Arsenic	7440-38-2	ppm-Al	2830		3030		3060		3690		4470		7180		4860		2810				696	
Barium	7440-39-3	ppm-Al	166000		140000		123000		152000		132000		99100		107000		23100				8570	
Beryllium	7440-41-7	ppm-Al	51.7		49.5		50.8		45.8		42		41.8		67.3		53.8				56.8	
Cadmium	7440-43-9	ppm-Al	194		240		337		928		1080		1440		1000		96.8				248	
Calcium	7440-70-2	ppm-Al	1030000		344000		340000		693000		355000		638000		358000		368000				375000	
Chromium	7440-47-3	ppm-Al	9000		10300		11000		15000		22200		29500		14200		4230				8980	
Cobalt	7440-48-4	ppm-Al	689		693		707		758		774		812		827		747				722	
Copper	7440-50-8	ppm-Al	17800		21800		23600		28000		52400		49800		21200		7900				11900	
Iron	7439-89-6	ppm-Al	2330000		2260000		2310000		2290000		1790000		2080000		2710000		2250000				2010000	
Lead	7439-92-1	ppm-Al	13900		15600		16900		43200		27200		25700		17300		7470				14400	
Magnesium	7439-95-4	ppm-Al	552000		536000		530000		486000		406000		502000		378000		445000				489000	
Manganese	7439-96-5	ppm-Al	23200		22100		22900		19500		14200		18200		20600		38800				31900	
Mercury	7439-97-6	ppm-Al	611		698		702		765		1590		1770		476		210				183	
Nickel	7440-02-0	ppm-Al	2480		2670		3070		4500		4950		4310		2160		1900				2510	
Potassium	7440-09-7	ppm-Al	216000		209000		203000		187000		157000		191000		172000		190000					
Selenium	7782-49-2	ppm-Al	94.4		109		127		190		250		216		91.3		75.3		65.5	U		
Silver	7440-22-4	ppm-Al	178		245		304		340		406		329		86.5		37.6				296	
Sodium	7440-23-5	ppm-Al	861000		760000		702000		686000		689000		596000		529000		543000				391000	
Thallium	7440-28-0	ppm-Al	83.3	U	78.1	U	77.3	U	78.4	U	66	U	61	U	57.7	U	59.1	U				
Titanium	7440-32-6	ppm-Al	30200		30000		30200		32000		28000		32400		31900		25300					
Vanadium	7440-62-2	ppm-Al	3680		4170		5170		7390		9760		10800		3980		3020				2880	
Zinc	7440-66-6	ppm-Al	24800		27300		30600		68000		63200		73700		36500		12600				31900	

		Location ID	PR0002SDM		PR001		PR0013SDM		PR00SD13		PRA04		SD001-200		SD001-RF1		SD001-RF2		SD001-RF3		SD002-14H	
		Sample Name	PR0002SDM		6JMS00011		PR0013SDM		PR00SD13		1JMS00006		SD001-200-000005-203		SD001-RF1-000005-103		SD001-RF2-000005-103		SD001-RF3-000005-103		SD002-14H-GRB005-11	
		Date Collected	5/24/2000		9/24/1998		5/23/2000		8/1/2000		7/13/1999		11/25/2003		10/16/2003		10/16/2003		10/16/2003		4/22/2006	
		Depth	0.0-0.5		0.0-0.3		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	91.7	U	552		69.6		107		97.3	U	321	U	241	U	267	U	271	U	1090	U
Arsenic	7440-38-2	ppm-Al	1130		1720		589		524		903		2590		2170		685		941		1050	
Barium	7440-39-3	ppm-Al	10100		14400		27300		16800		7260		18300		12300		8700		11600		9530	
Beryllium	7440-41-7	ppm-Al	75.2		114		51.9		51.8		69.9		46.1		75.7		63.7		72.9		90.3	U
Cadmium	7440-43-9	ppm-Al	275		267		247		262		230		164		29.6		151		106		103	
Calcium	7440-70-2	ppm-Al	424000		496000		359000		317000		353000		1400000		337000		423000		546000		485000	
Chromium	7440-47-3	ppm-Al	11700		11600		8100		7320		11100		32300		20100		9790		14400		20400	
Cobalt	7440-48-4	ppm-Al	954		4500		646		571		708		862		899		774		894		1020	
Copper	7440-50-8	ppm-Al	15500		57000		10500		9050		12700		14400		9880		11400		11100		8780	
Iron	7439-89-6	ppm-Al	2300000		2650000		1820000		1770000		2000000		2480000		2370000		2170000		2420000		2180000	
Lead	7439-92-1	ppm-Al	18300		105000		13500		11700		13900		14800		14100		13100		11700		9790	
Magnesium	7439-95-4	ppm-Al	533000		651000		447000		435000		582000		553000		527000		555000		626000		490000	
Manganese	7439-96-5	ppm-Al	29800		36400		31500		26300		29600		33100		28800		36700		32500		29200	
Mercury	7439-97-6	ppm-Al	220				146		149		230		521		132		171		259		208	
Nickel	7440-02-0	ppm-Al	3240		11300		2620		2190		2430		3070		2490		2620		3460		2810	
Potassium	7440-09-7	ppm-Al			174000				207000		227000		144000		175000		160000		188000		230000	
Selenium	7782-49-2	ppm-Al			124				65.5	U	204		220	U	175	U	192	U	200	U	243	
Silver	7440-22-4	ppm-Al	303		362		259		179		310		194		58.1	U	226		176		185	U
Sodium	7440-23-5	ppm-Al	385000		801000		364000		377000		1010000		345000		443000		740000		619000		394000	
Thallium	7440-28-0	ppm-Al			648				101		204	U	261	U	197	U	212	U	224	U	185	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	3730		2770		2710		2280		2650		3070		2550		2650		2800		3380	
Zinc	7440-66-6	ppm-Al	39400		237000		36000		31400		28800		27900		24000		31900		23500		21900	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	SD002-890		SD002-RF1		SD002-RF2		SD002-RF3		SD003-550		SD003-RF1		SD003-RF2		SD003-RF3		SD004-200		SD004-200	
		Sample Name	SD002-890-GRB005-11		SD002-RF1-000005-103		SD002-RF2-000005-103		SD002-RF3-000005-103		SD003-550-GRB005-11		SD003-RF1-GRB005-11		SD003-RF2-GRB005-11		SD003-RF3-GRB005-11		SD004-200-000005-203		SD004-200-015020-203	
		Date Collected	4/21/2006		10/16/2003		10/16/2003		10/16/2003		4/21/2006		4/21/2006		4/21/2006		4/22/2006		11/22/2003		11/22/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	2170		291	U	241	U	291	U	968	U	1140	U	910	U	874	U	346	U	197	U
Arsenic	7440-38-2	ppm-Al	5720		2880		702		1200		726		3080		646		721		706		1330	
Barium	7440-39-3	ppm-Al	14300		11900		8510		13300		7640		14900		8940		10500		3380		13000	
Beryllium	7440-41-7	ppm-Al	84.8	U	79.1		63.8		70.5		82.8	U	93.3	U	74.1	U	73	U	48.3		76.3	
Cadmium	7440-43-9	ppm-Al	327		19.8	U	142		504		82.8	U	93.3	U	101		73	U	35.3	U	422	
Calcium	7440-70-2	ppm-Al	1810000		312000		491000		549000		371000		344000		370000		576000		803000		618000	
Chromium	7440-47-3	ppm-Al	67900		22400		9430		25400		11700		20400		7250		7740		8960		34100	
Cobalt	7440-48-4	ppm-Al	848	U	884		780		1050		834		1050		804		838		892		924	
Copper	7440-50-8	ppm-Al	31800		11900		11600		19700		6940		14100		11100		7480		3790		15500	
Iron	7439-89-6	ppm-Al	2180000		2560000		2220000		2330000		1920000		2410000		1930000		1930000		1980000		2410000	
Lead	7439-92-1	ppm-Al	23800		14200		13000		25200		7200		16700		13200		8460		4350		17600	
Magnesium	7439-95-4	ppm-Al	478000		547000		572000		595000		496000		470000		475000		522000		480000		558000	
Manganese	7439-96-5	ppm-Al	22800		31400		35700		32300		34900		26600		35800		28100		19200		31300	
Mercury	7439-97-6	ppm-Al	1970		302		149		616		172		333		111		117		81.8		422	
Nickel	7440-02-0	ppm-Al	2950		2730		2670		4950		2070		3260		2380		2490		2230		3920	
Potassium	7440-09-7	ppm-Al	242000		179000		165000		186000		241000		243000		181000		229000		120000		172000	
Selenium	7782-49-2	ppm-Al	358		209	U	170	U	213	U	242		433		259		225		346	U	197	U
Silver	7440-22-4	ppm-Al	315		75.6		206		358		159	U	193	U	153	U	252		63.2	U	221	
Sodium	7440-23-5	ppm-Al	733000		587000		666000		779000		694000		733000		619000		466000		390000		562000	
Thallium	7440-28-0	ppm-Al	170	U	233	U	191	U	235	U	159	U	193	U	153	U	144	U	372	U	221	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	3450		2660		2670		3140		2480		3000		2570		2610		2160		3780	
Zinc	7440-66-6	ppm-Al	38900		28000		31000		48900		14800		40300		32400		16700		12400		34100	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	SD004-200		SD009-025		SD009-450		SD00A-005		SD00A-025		SD00A-025		SD00A-050		SD00A-050		SD00A-050		SD00A-100	
		Sample Name	SD004-200-035040-203		SD009-025-GRB005-11		SD009-450-GRB005-11		SD00A-005-000005-203		SD00A-025-000005-203		SD0DA-025-000005-203		SD00A-050-000005-203		SD00A-050-015020-203		SD00A-050-035040-203		SD00A-100-000005-203	
		Date Collected	11/22/2003		4/12/2006		4/20/2006		12/1/2003		11/23/2003		11/23/2003		11/23/2003		11/23/2003		11/23/2003		11/24/2003	
		Depth	3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	113	U	1820	U	839	U	246	U	202	U	245	U	243	U	218	U	162	U	214	U
Arsenic	7440-38-2	ppm-Al	4240		2250		788		1210		1110		1190		1370		2370		1420		5620	
Barium	7440-39-3	ppm-Al	25700		12900		7820		18500		13700		14900		13600		16000		40300		23800	
Beryllium	7440-41-7	ppm-Al	68.1		152	U	72.5	U	59.2		63.8		63.1		63.2		64.5		61.3		74.1	
Cadmium	7440-43-9	ppm-Al	234		152	U	72.5	U	303		255		271		304		815		127		580	
Calcium	7440-70-2	ppm-Al	334000		11800000		321000		1140000		1060000		1230000		943000		465000		489000		379000	
Chromium	7440-47-3	ppm-Al	25200		7680		6840		51000		25600		27300		40300		136000		107000		110000	
Cobalt	7440-48-4	ppm-Al	816		1520	U	699	U	1030		883		889		875		895		859		804	
Copper	7440-50-8	ppm-Al	22800		15000		7150		31100		16100		20400		17900		31300		13300		43700	
Iron	7439-89-6	ppm-Al	2510000		6410000		1920000		2930000		2470000		2560000		2530000		2450000		2350000		2490000	
Lead	7439-92-1	ppm-Al	25500		40000		7050		32700		15500		22000		18100		28800		12700		32300	
Magnesium	7439-95-4	ppm-Al	554000		7680000		475000		611000		615000		613000		627000		506000		566000		496000	
Manganese	7439-96-5	ppm-Al	29100		52600		29100		39900		38500		41400		39700		24800		33900		28600	
Mercury	7439-97-6	ppm-Al	234		87.4		109		621		436		528		620		4000		1220		3590	
Nickel	7440-02-0	ppm-Al	3400		11900		1990		6270		4150		5440		3680		5030		2850		3500	
Potassium	7440-09-7	ppm-Al	174000		205000		235000		166000		185000		175000		176000		157000		152000		152000	
Selenium	7782-49-2	ppm-Al	291	U	299	U	161		173	U	149	U	180	U	182	U	161	U	113	U	161	U
Silver	7440-22-4	ppm-Al	206		299	U	140	U	491		394		361		340		589		113		500	
Sodium	7440-23-5	ppm-Al	514000		444000		575000		468000		416000		443000		530000		635000		290000		521000	
Thallium	7440-28-0	ppm-Al	128	U	299	U	140	U	202	U	160	U	193	U	207	U	177	U	127	U	179	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	3370		6550		2560		3740		3110		3400		3460		6700		2460		3590	
Zinc	7440-66-6	ppm-Al	36200		127000		13700		81600		36400		52200		37700		61000		28700		50400	

		Location ID	SD00A-200		SD00B-005		SD00B-025		SD00B-025		SD00B-025		SD00B-025		SD00B-048		SD00B-050		SD00B-050		SD00B-100	
		Sample Name	SD00A-200-000005-203		SD00B-005-000005-203		SD00B-025-000005-203		SD00B-025-015020-203		SD00B-025-035040-203		SD0DB-025-000005-203		SD00B-048-GRB005-11		SD00B-050-000005-203		SD0DB-050-000005-203		SD00B-100-000005-203	
		Date Collected	12/1/2003		12/1/2003		12/1/2003		12/1/2003		12/1/2003		11/25/2003		4/12/2006		11/23/2003		11/23/2003		11/22/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	216	U	549	U	472	U	255	U	164	U	507	U	7600		204	U	208	U	188	U
Arsenic	7440-38-2	ppm-Al	6760		549		2000		2440		2130		1200		977		1830		2030		1480	
Barium	7440-39-3	ppm-Al	18400		6200		14000		16400		16000		10000		10500		24100		17600		12300	
Beryllium	7440-41-7	ppm-Al	66.4		28.2	U	61.1		65.2		64.1		39.9		149	U	67.7		59.8		57.7	
Cadmium	7440-43-9	ppm-Al	648		78.4		306		103		93.8		272		149	U	118		312		146	
Calcium	7440-70-2	ppm-Al	348000		2380000		2010000		1230000		595000		1510000		6050000		470000		583000		454000	
Chromium	7440-47-3	ppm-Al	120000		51000		40300		16400		31700		48900		161000		75800		80100		36300	
Cobalt	7440-48-4	ppm-Al	760		1610		1310		949		867		978		1490	U	924		1030		887	
Copper	7440-50-8	ppm-Al	57200		6940		18400		11700		11900		16300		7770		11800		17000		9440	
Iron	7439-89-6	ppm-Al	2520000		2980000		3360000		2780000		2480000		2660000		2060000		2440000		2380000		2230000	
Lead	7439-92-1	ppm-Al	38100		8040		17100		16000		14500		17500		7490		13900		15300		10100	
Magnesium	7439-95-4	ppm-Al	466000		1280000		825000		688000		580000		808000		766000		596000		602000		520000	
Manganese	7439-96-5	ppm-Al	22700		37500		31700		47600		42500		30400		36300		31500		30600		26400	
Mercury	7439-97-6	ppm-Al	3870		43.1		889		212		430		435		212		440		936		330	
Nickel	7440-02-0	ppm-Al	3800		6590		5280		3000		2730		4600		6110		3420		5080		3180	
Potassium	7440-09-7	ppm-Al	152000		135000		170000		156000		153000		154000		185000		158000		155000		178000	
Selenium	7782-49-2	ppm-Al	296		392	U	333	U	184	U	117	U	362	U	297	U	150	U	156	U	188	U
Silver	7440-22-4	ppm-Al	704		129	U	247		82.2		85.9		246		297	U	118		182		120	
Sodium	7440-23-5	ppm-Al	554000		463000		511000		399000		322000		507000		660000		418000		390000		320000	
Thallium	7440-28-0	ppm-Al	176	U	431	U	389	U	198	U	133	U	435	U	297	U	161	U	169	U	206	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	5020		7450		3810		3100		2480		3880		2950		2670		3810		2820	
Zinc	7440-66-6	ppm-Al	67400		23200		48600		26600		24800		43800		22100		29000		50100		26400	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	SD00B-100		SD00B-200		SD00C-005		SD00C-005		SD00C-005		SD00C-025		SD00C-025		SD00C-050		SD00C-100		SD00C-100	
		Sample Name	SD00B-100-015020-203		SD00B-200-000005-203		SD00C-005-000005-203		SD00C-005-015020-203		SD00C-005-035040-203		SD00C-025-000005-103		SD00C-025-000005-203		SD00C-050-000005-203		SD00C-100-000005-103		SD00C-100-000005-203	
		Date Collected	11/22/2003		11/22/2003		11/20/2003		11/20/2003		11/20/2003		10/16/2003		11/19/2003		11/19/2003		10/16/2003		11/21/2003	
		Depth	1.4-2.0		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	209	U	335	U	214	U	222	U	206	U	265	U	231	U	239	U	274	U	268	U
Arsenic	7440-38-2	ppm-Al	1020		1020		916		889		936		821		1000		1040		992		975	
Barium	7440-39-3	ppm-Al	1240		5460		7940		7850		8300		8070		8000		8270		10600		12500	
Beryllium	7440-41-7	ppm-Al	31.1		49.3		61.8		54.1		56.7		70.1		60		58.4		74.4		59.3	
Cadmium	7440-43-9	ppm-Al	21.3	U	31.7	U	99.2		119		156		34.2		131		106		31.3		121	
Calcium	7440-70-2	ppm-Al	118000		292000		505000		444000		426000		571000		1390000		929000		586000		756000	
Chromium	7440-47-3	ppm-Al	2360		25600		13000		14400		14600		12700		13800		24200		16600		20900	
Cobalt	7440-48-4	ppm-Al	578		880		786		770		759		838		800		841		862		847	
Copper	7440-50-8	ppm-Al	2440		5350		9850		10200		10900		9400		10400		12200		9400		12300	
Iron	7439-89-6	ppm-Al	1390000		2020000		2410000		2340000		2370000		2340000		2390000		2450000		2430000		2490000	
Lead	7439-92-1	ppm-Al	2800		5350		10400		11000		12100		9400		11300		11800		10100		12000	
Magnesium	7439-95-4	ppm-Al	258000		486000		627000		623000		566000		645000		632000		680000		620000		650000	
Manganese	7439-96-5	ppm-Al	13000		20500		37800		40600		41600		35600		37200		36200		35200		37100	
Mercury	7439-97-6	ppm-Al	51.1		197		206		193		191		231		215		248		339		297	
Nickel	7440-02-0	ppm-Al	1240		2360		2900		3300		2580		2820		3230		3810		2790		3290	
Potassium	7440-09-7	ppm-Al	67100		125000		179000		170000		167000		201000		177000		181000		188000		168000	
Selenium	7782-49-2	ppm-Al	209	U	335	U	160	U	163	U	149	U	188	U	169	U	177	U	196	U	198	U
Silver	7440-22-4	ppm-Al	37.8	U	59.9	U	221		230		248		188		215		212		144		212	
Sodium	7440-23-5	ppm-Al	196000		482000		653000		807000		709000		775000		685000		812000		611000		596000	
Thallium	7440-28-0	ppm-Al	244	U	387	U	176	U	185	U	163	U	214	U	185	U	195	U	222	U	212	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	1890		2250		2750		2690		2780		2700		2810		2880		2770		2900	
Zinc	7440-66-6	ppm-Al	5760		12800		18500		19900		22300		18100		20700		20800		18800		22600	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	SD00C-100		SD00C-100		SD00C-200		SD00D-050		SD00D-150		SD00L-080		SD00L-350		SD00L-350		SD00L-350		SD00L-350	
		Sample Name	SD0DC-100-000005-103		SD0DC-100-000005-203		SD00C-200-000005-203		SD00D-050-000005-103		SD00D-150-000005-103		SD00L-080-GRB005-11		SD00L-350-000005-6		SD00L-350-005010-6		SD00L-350-040045-6		SD00L-350-080085-6	
		Date Collected	10/16/2003		11/21/2003		11/21/2003		10/16/2003		10/16/2003		4/12/2006		7/15/2005		7/15/2005		7/15/2005		7/15/2005	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.0		3.9-4.4		7.9-8.4	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	281	U	264	U	378	U	299	U	289	U	2550	U	180	U	186	U	163	U	154	U
Arsenic	7440-38-2	ppm-Al	894		1040		781		1180		9340		759		1170		1420		2190		3850	
Barium	7440-39-3	ppm-Al	11300		10600		6650		18800		18200		14100		13500		14100		16200		24200	
Beryllium	7440-41-7	ppm-Al	74.1		56.9		47.9		67.2		80.2		214	U	59.3		63.5		62.5		67.1	
Cadmium	7440-43-9	ppm-Al	35.8		107		78.1		179		496		214	U	673		615		794		738	
Calcium	7440-70-2	ppm-Al	582000		577000		1170000		722000		372000		917000		428000		408000		468000		337000	
Chromium	7440-47-3	ppm-Al	17400		19100		13500		47800		116000		13700		39700		31300		93100		83200	
Cobalt	7440-48-4	ppm-Al	868		860		856		1250		802		2140	U	947		827		775		785	
Copper	7440-50-8	ppm-Al	10100		11300		6100		24200		55400		6170		26600		24400		30400		25800	
Iron	7439-89-6	ppm-Al	2400000		2450000		2160000		2850000		2570000		3110000		2230000		2150000		2290000		2340000	
Lead	7439-92-1	ppm-Al	11000		11200		7000		37200		35100		9280		27900		28500		29100		26000	
Magnesium	7439-95-4	ppm-Al	618000		648000		547000		639000		521000		631000		516000		499000		504000		497000	
Manganese	7439-96-5	ppm-Al	35200		36200		25900		25800		26000		25800		25900		24000		23200		24900	
Mercury	7439-97-6	ppm-Al	294		374		169		925		5290		65.5		947		827		1090		3810	
Nickel	7440-02-0	ppm-Al	2860		3630		2570		5520		3470		3140		5360		4030		4410		3160	
Potassium	7440-09-7	ppm-Al	188000		169000		135000		169000		188000		168000		205000		197000		202000		195000	
Selenium	7782-49-2	ppm-Al	204	U	180	U	277	U	209	U	273		414	U	180	U	179	U	163	U	309	U
Silver	7440-22-4	ppm-Al	140		180		131		463		545		414	U	487		487		525		403	
Sodium	7440-23-5	ppm-Al	605000		564000		489000		537000		774000		455000		680000		712000		601000		499000	
Thallium	7440-28-0	ppm-Al	230	U	208	U	302	U	239	U	231	U	414	U	86.7	U	89.7	U	81.3	U	73.8	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	2750		2900		2640		3750		4270		3590		3190		3470		5940		3230	
Zinc	7440-66-6	ppm-Al	19300		21500		17800		66000		59900		22800		63300		51900		60100		50500	

		Location ID	SD00L-350		SD00L-350		SD00L-350		SD00L-350		SD00L-350		SD00L-400		SD00M-350		SD00M-350		SD00M-350		SD00M-350	
		Sample Name	SD00L-350-120125-6		SD00L-350-160165-6		SD00L-350-177182-6		SD00L-350-202207-6		SD00L-350-228233-6		SD00L-400-GRB005-11		SD00M-350-000005-6		SD00M-350-009014-6		SD00M-350-035040-6		SD00M-350-060065-6	
		Date Collected	7/15/2005		7/15/2005		7/15/2005		7/15/2005		7/15/2005		4/12/2006		7/18/2005		7/18/2005		7/18/2005		7/18/2005	
		Depth	11.8-12.3		15.7-16.2		17.4-17.9		19.9-20.4		22.4-22.9		0.0-0.5		0.0-0.5		0.9-1.4		3.4-3.9		5.9-6.4	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	118	U	96	U	146	U	137	U	143	U	1170	U	182	U	228	U	155	U	351	U
Arsenic	7440-38-2	ppm-Al	2160		1080		2640		496		456		783		1590		1390		1990		313	U
Barium	7440-39-3	ppm-Al	21800		10500		15200		6600		7670		7490		12000		11800		9790		1410	
Beryllium	7440-41-7	ppm-Al	61.2		56.5		65		67.5		71.6		96.9	U	60.1		59.7		58.8		25.6	
Cadmium	7440-43-9	ppm-Al	145		52		65		13.7	U	14.3	U	96.9	U	129		174		27.9		35.1	U
Calcium	7440-70-2	ppm-Al	386000		246000		445000		1310000		2020000		452000		499000		534000		667000		104000	
Chromium	7440-47-3	ppm-Al	20100		23800		34500		2510		2290		9070		25200		36500		18100		1880	
Cobalt	7440-48-4	ppm-Al	770		780		870		960		1000		969	U	805		788		815		639	
Copper	7440-50-8	ppm-Al	17400		7510		12500		1910		1940		7830		12300		13400		8590		575	
Iron	7439-89-6	ppm-Al	2180000		2040000		2510000		2390000		2430000		2150000		2160000		2190000		2160000		1390000	
Lead	7439-92-1	ppm-Al	19800		8590		18500		1120		1090		8520		12900		12900		11000		607	
Magnesium	7439-95-4	ppm-Al	528000		504000		544000		660000		747000		574000		511000		524000		546000		348000	
Manganese	7439-96-5	ppm-Al	30900		28600		32400		55200		63300		24200		29900		29800		34600		11600	
Mercury	7439-97-6	ppm-Al	414		169		447		4.2		2.7	U	94		483		553		248		5.4	U
Nickel	7440-02-0	ppm-Al	2700		2230		2870		2100		2210		2390		2630		2940		2590		1570	
Potassium	7440-09-7	ppm-Al	188000		170000		179000		185000		195000		219000		186000		200000		181000		105000	
Selenium	7782-49-2	ppm-Al	118	U	96	U	138	U	127	U	143	U	199	U	182	U	228	U	155	U	319	U
Silver	7440-22-4	ppm-Al	158		45.8		89.4		32.7	U	35.2	U	199	U	139		184		66		83.1	U
Sodium	7440-23-5	ppm-Al	343000		198000		269000		120000		120000		490000		374000		427000		206000		157000	
Thallium	7440-28-0	ppm-Al	118	U	96	U	138	U	127	U	143	U	199	U	182	U	228	U	155	U	319	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	2570		2060		2590		2480		2400		2920		2710		3010		2460		1440	
Zinc	7440-66-6	ppm-Al	34200		16400		25400		4780		4990		16200		24900		26800		18100		3610	

		Location ID	SD00N-500		SD00N-500		SD00N-500		SD00N-500		SD010-050		SD010-10H		SD011-150		SD011-150		SD011-150		SD011-150	
		Sample Name	SD00N-500-000005-6		SD00N-500-005010-6		SD00N-500-018023-6		SD00N-500-043048-6		SD010-050-GRB005-11		SD010-10H-GRB005-11		SD011-150-000005-6		SD011-150-005010-6		SD011-150-031036-6		SD011-150-039044-6	
		Date Collected	7/24/2005		7/24/2005		7/24/2005		7/24/2005		4/12/2006		4/22/2006		7/23/2005		7/23/2005		7/23/2005		7/23/2005	
		Depth	0.0-0.5		0.5-1.0		1.8-2.3		4.2-4.7		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.0		3.1-3.5		3.8-4.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	156	U	145	U	182	U	275	U	916		1810	U	12200	U	276	U	695		244	
Arsenic	7440-38-2	ppm-Al	475		393		310		250	U	1080		837		391		6310		3880		1630	
Barium	7440-39-3	ppm-Al	2300		2410		2460		2180		9130		14800		187000		37500		49900		23600	
Beryllium	7440-41-7	ppm-Al	60.3		57.2		51.3		42.5		65	U	152	U	73.4		74.6		77.8		73.1	
Cadmium	7440-43-9	ppm-Al	15.6	U	14.5	U	18.2	U	30	U	115		152	U	750		537		216		41.5	
Calcium	7440-70-2	ppm-Al	143000		134000		124000		83500		280000		1640000		362000		443000		402000		987000	
Chromium	7440-47-3	ppm-Al	2330		2220		2040		1700		16300		8010		192000		205000		80400		26900	
Cobalt	7440-48-4	ppm-Al	638		676		513		375		782		1520	U	797000		917		802		845	
Copper	7440-50-8	ppm-Al	1040		952		769		625		15400		5930		121000		111000		174000		52400	
Iron	7439-89-6	ppm-Al	2040000		2020000		1840000		1260000		2070000		2330000		2580000		2870000		3050000		2440000	
Lead	7439-92-1	ppm-Al	858		779		823		475		13400		8780		69000		64500		61000		16600	
Magnesium	7439-95-4	ppm-Al	450000		434000		361000		300000		496000		545000		465000		436000		467000		570000	
Manganese	7439-96-5	ppm-Al	20000		20100		15400		10000		23200		29600		20300		22000		22900		39500	
Mercury	7439-97-6	ppm-Al	2.8		2.1	U	3.2		4.8	U	368		92.8		6190		8280		850		774	
Nickel	7440-02-0	ppm-Al	1620		1630		1400		1450		2670		2220		270000		4720		5800		3850	
Potassium	7440-09-7	ppm-Al	211000		210000		168000		102000		230000		240000		4920		186000		194000		206000	
Selenium	7782-49-2	ppm-Al	156	U	138	U	171	U	275	U	310		294	U	430	U	481	U	599	U	201	U
Silver	7440-22-4	ppm-Al	38.3	U	35.2	U	43.8	U	70	U	201		294	U	883		594		802		90.3	
Sodium	7440-23-5	ppm-Al	530000		457000		406000		156000		484000		627000		629000		374000		315000		183000	
Thallium	7440-28-0	ppm-Al	78	U	138	U	171	U	275	U	132	U	294	U	4020	U	276	U	240	U	201	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	2320		2310		1860		1400		2710		2990		5240		3960		4550		2610	
Zinc	7440-66-6	ppm-Al	4560		4410		3990		3650		28300		13900		153000		91400		75700		25800	

		Location ID	SD011-150		SD011-152		SD012-100		SD012-600		SD012-600		SD012-600		SD012-600		SD012-600		SD012-900		SD014-200	
		Sample Name	SD011-150-064069-6		SD011-152-GRB005-11		SD012-100-GRB005-11		SD012-600-004009-6		SD012-600-009014-6		SD012-600-049054-6		SD012-600-069074-6		SD012-600-134139-6		SD012-900-000005-6		SD014-200-GRB005-11	
		Date Collected	7/23/2005		4/20/2006		4/12/2006		7/14/2005		7/14/2005		7/14/2005		7/14/2005		7/14/2005		7/14/2005		4/12/2006	
		Depth	6.3-6.8		0.0-0.5		0.0-0.5		0.4-0.9		0.9-1.4		4.8-5.3		6.8-7.3		13.2-13.7		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	397	U	6520		826		176	U	176	U	1340	U	275	U	149	U	189	U	2260	U
Arsenic	7440-38-2	ppm-Al	2020		2600		1230		1400		5850		1220		482		270		1050		783	
Barium	7440-39-3	ppm-Al	5730		16100		8440		12700		8180		16000		6350		52300		10800		7890	
Beryllium	7440-41-7	ppm-Al	66.2		82.4	U	67	U	74.4		67.2		95.8		87.2		93.2		74.4		190	U
Cadmium	7440-43-9	ppm-Al	39.7	U	240		157		285		56.3		136	U	27.5	U	14.9	U	120		190	U
Calcium	7440-70-2	ppm-Al	294000		521000		230000		421000		275000		2320000		200000		3190000		522000		470000	
Chromium	7440-47-3	ppm-Al	19700		152000		15800		22300		17000		2650		3030		2700		15200		9820	
Cobalt	7440-48-4	ppm-Al	861		959		774		838		815		958	U	734		1070		827		1900	U
Copper	7440-50-8	ppm-Al	7450		43000		19800		18200		17600		1640		3990		2200		10900		32500	
Iron	7439-89-6	ppm-Al	2290000		1930000		1950000		2620000		2400000		3430000		3100000		2610000		2580000		2270000	
Lead	7439-92-1	ppm-Al	12000		32800		16600		20800		23200		1500		757		1360		12900		50300	
Magnesium	7439-95-4	ppm-Al	474000		399000		443000		528000		432000		1070000		300000		791000		578000		485000	
Manganese	7439-96-5	ppm-Al	29400		20400		18600		28200		24800		64100		13100		76900		31700		25000	
Mercury	7439-97-6	ppm-Al	272		4430		226		475		504		19.4	U	4.6	U	2.6	U	339		223	
Nickel	7440-02-0	ppm-Al	3250		3570		2680		3810		4300		1280		1950		2760		3260		2680	
Potassium	7440-09-7	ppm-Al	148000		210000		208000		225000		202000		246000		138000		272000		236000		208000	
Selenium	7782-49-2	ppm-Al	397	U	261		130	U	172	U	176	U	1300	U	252	U	149	U	180	U	392	U
Silver	7440-22-4	ppm-Al	99.3	U	428		174		303		92.4		319	U	64.2	U	36.5	U	182		392	U
Sodium	7440-23-5	ppm-Al	161000		441000		409000		462000		339000		2530000		119000		66900		529000		554000	
Thallium	7440-28-0	ppm-Al	397	U	167	U	130	U	131	U	84	U	659	U	252	U	149	U	135	U	392	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	2520		2700		3050		2870		2440		4610		4470		2550		2710		3460	
Zinc	7440-66-6	ppm-Al	14700		55300		37300		40200		34500		4470		4080		5720		22900		81000	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	SD014-500		SD01W-040		SD01W-040		SD01W-100		SD01W-100		SD01W-170		SD01W-170		SD01W-250		SD01W-250		SD02E-025	
		Sample Name	SD014-500-GRB005-11		SD01W-040-000005-11		SD01W-040-005010-11		SD01W-100-000005-11		SD01W-100-005010-11		SD01W-170-000005-11		SD01W-170-005010-11		SD01W-250-000005-11		SD01W-250-005010-11		SD02E-025-000005-203	
		Date Collected	4/12/2006		4/20/2006		4/20/2006		4/24/2006		4/24/2006		4/18/2006		4/18/2006		4/19/2006		4/19/2006		11/21/2003	
		Depth	0.0-0.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	1750	U	796	U	732	U	818	U	863	U	753	U	903	U	812	U	832	U	209	U
Arsenic	7440-38-2	ppm-Al	897		892		821		778		882		938		955		777		779		1080	
Barium	7440-39-3	ppm-Al	8050		8600		8490		7970		9410		7700		8390		7110		8390		9530	
Beryllium	7440-41-7	ppm-Al	147	U	63.7	U	61.5	U	69	U	71.9	U	61.8	U	77.4	U	66	U	67.1		58.1	
Cadmium	7440-43-9	ppm-Al	147	U	63.7	U	61.5	U	69	U	71.9	U	61.8	U	77.4	U	81.2		67.1	U	155	
Calcium	7440-70-2	ppm-Al	315000		488000		422000		405000		444000		399000		430000		360000		426000		565000	
Chromium	7440-47-3	ppm-Al	6620		12600		11600		12400		12600		11100		15000		8020		9930		16700	
Cobalt	7440-48-4	ppm-Al	1470	U	771		715		865		895		854		845		777		826		806	
Copper	7440-50-8	ppm-Al	5790		11300		10500		8780		10800		7980		9230		7260		7050		13600	
Iron	7439-89-6	ppm-Al	2080000		2070000		1910000		2060000		2120000		2310000		2440000		1950000		2040000		2480000	
Lead	7439-92-1	ppm-Al	6920		13100		12100		9160		11000		8370		9420		8020		7850		14300	
Magnesium	7439-95-4	ppm-Al	487000		541000		498000		523000		540000		512000		542000		518000		547000		598000	
Manganese	7439-96-5	ppm-Al	27100		28100		27500		31400		29900		33700		32600		35400		33700		34400	
Mercury	7439-97-6	ppm-Al	101		255		296		281		288		264		297		117		154		310	
Nickel	7440-02-0	ppm-Al	2050		3550		3270		2420		2560		2030		2140		1800		1950		3120	
Potassium	7440-09-7	ppm-Al	262000		231000		239000		219000		229000		229000		225000		240000		231000		174000	
Selenium	7782-49-2	ppm-Al	299	U	166		184		224		183		247		148	U	157		174		155	U
Silver	7440-22-4	ppm-Al	299	U	274		246		135	U	144	U	124	U	148	U	137	U	141	U	256	
Sodium	7440-23-5	ppm-Al	556000		456000		470000		460000		484000		472000		590000		569000		477000		580000	
Thallium	7440-28-0	ppm-Al	299	U	134	U	123	U	135	U	144	U	124	U	148	U	137	U	141	U	171	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	2530		2630		2440		2460		2740		2470		2680		2620		2680		2880	
Zinc	7440-66-6	ppm-Al	13500		25800		20900		16700		20500		14800		16600		16400		15800		28200	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	SD02E-060		SD02E-075		SD02E-075		SD02E-075		SD02E-075		SD02E-160		SD02E-160		SD02E-225		SD02E-225		SD02W-200	
		Sample Name	SD02E-060-GRB005-11		SD02E-075-000005-103		SD02E-075-000005-203		SD02E-075-015020-203		SD02E-075-035040-203		SD02E-160-000005-11		SD02E-160-005010-11		SD02E-225-000005-11		SD02E-225-005010-11		SD02W-200-000005-203	
		Date Collected	4/12/2006		10/16/2003		11/20/2003		11/20/2003		11/20/2003		4/20/2006		4/20/2006		4/20/2006		4/20/2006		12/2/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	878	U	274	U	220	U	205	U	214	U	911	U	633	U	2160	U	2390	U	310	U
Arsenic	7440-38-2	ppm-Al	856		934		937		1010		1150		779		802		710		831		1010	
Barium	7440-39-3	ppm-Al	9570		11500		8270		8330		9660		8600		9000		16400		23500		6830	
Beryllium	7440-41-7	ppm-Al	71.9	U	74.5		56.7		59.1		60.7		75.9	U	52.7	U	179	U	199	U	59.2	
Cadmium	7440-43-9	ppm-Al	71.9	U	84		94.5		114		162		75.9	U	116		179	U	199	U	31.7	U
Calcium	7440-70-2	ppm-Al	282000		608000		546000		481000		532000		664000		614000		2740000		3820000		120000	
Chromium	7440-47-3	ppm-Al	17600		31200		15100		14300		18600		9780		9560		4380		3260		2750	
Cobalt	7440-48-4	ppm-Al	806		868		787		811		821		759		688		1790	U	1990	U	871	
Copper	7440-50-8	ppm-Al	14200		13700		9920		10700		12200		7190		9140		2610		2520		2370	
Iron	7439-89-6	ppm-Al	1890000		2550000		2390000		2440000		2490000		1940000		1750000		2280000		2620000		2780000	
Lead	7439-92-1	ppm-Al	10000		16100		10300		11900		12600		7030		8480		3130		2160		2440	
Magnesium	7439-95-4	ppm-Al	486000		634000		639000		621000		579000		496000		473000		710000		817000		436000	
Manganese	7439-96-5	ppm-Al	24200		35600		39600		45400		38500		28000		30200		72200		93700		23600	
Mercury	7439-97-6	ppm-Al	216		519		228		235		291		162		274		48.3		19.9		20.9	
Nickel	7440-02-0	ppm-Al	3030		3270		2900		3460		3020		2180		2040		1730		1660		1990	
Potassium	7440-09-7	ppm-Al	224000		194000		180000		166000		166000		232000		236000		338000		372000		104000	
Selenium	7782-49-2	ppm-Al	144	U	198	U	157	U	152	U	154	U	263		179		369	U	399	U	310	U
Silver	7440-22-4	ppm-Al	201		236		205		212		256		152	U	175		369	U	399	U	55.7	U
Sodium	7440-23-5	ppm-Al	451000		683000		594000		558000		430000		354000		308000		616000		595000		192000	
Thallium	7440-28-0	ppm-Al	144	U	217	U	173	U	167	U	171	U	152	U	106	U	369	U	399	U	348	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	2650		2920		2610		2660		2980		2610		2540		3350		3850		3380	
Zinc	7440-66-6	ppm-Al	19100		32300		19700		21300		23000		13700		15800		7930		6580		6690	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	SD02W-200		SD02W-200		SD03E-025		SD03E-025		SD03E-025		SD03E-042		SD03E-050		SD03E-075		SD03E-075		SD03E-075	
		Sample Name	SD02W-200-015020-203		SD02W-200-035040-203		SD03E-025-000005-203		SD03E-025-015020-203		SD03E-025-035040-203		SD03E-042-GRB005-11		SD03E-050-000005-103		SD03E-075-000005-203		SD03E-075-015020-203		SD03E-075-035040-203	
		Date Collected	12/2/2003		12/2/2003		11/16/2003		11/16/2003		11/18/2003		4/12/2006		10/16/2003		11/17/2003		11/17/2003		11/17/2003	
		Depth	1.4-2.0		3.4-3.9		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	338	U	131	U	147	U	185	U	217	U	2540		278	U	156	U	256	U	215	U
Arsenic	7440-38-2	ppm-Al	294	U	181		2120		2130		3850		2040		1840		2460		1370		462	
Barium	7440-39-3	ppm-Al	10100		8680		13300		49100		14400		17300		12800		19700		12800		1710	
Beryllium	7440-41-7	ppm-Al	62.5		72.5		67.3		60		66.4		63.6	U	80.4		65.3		62		53.1	
Cadmium	7440-43-9	ppm-Al	34.6	U	13.5	U	111		123		93		83.3		62.9		88.4		26.1	U	21.9	U
Calcium	7440-70-2	ppm-Al	239000		2590000		1520000		587000		826000		487000		889000		452000		1030000		92400	
Chromium	7440-47-3	ppm-Al	2900		2580		38600		85400		22200		49500		55100		36500		34500		2080	
Cobalt	7440-48-4	ppm-Al	882		1030		1080		854		918		939		1040		823		916		485	
Copper	7440-50-8	ppm-Al	1650		2050		9630		16500		15600		14500		18600		14100		6280		1450	
Iron	7439-89-6	ppm-Al	2610000		2300000		2720000		2580000		2610000		2050000		2590000		2500000		2360000		1340000	
Lead	7439-92-1	ppm-Al	772		1120		13100		17400		19900		14100		14800		19100		8330		1270	
Magnesium	7439-95-4	ppm-Al	500000		865000		706000		585000		586000		548000		637000		535000		596000		314000	
Manganese	7439-96-5	ppm-Al	26700		83500		46000		34400		37600		29800		37900		35400		38500		10700	
Mercury	7439-97-6	ppm-Al	7.4	U	2.8	U	196		777		302		288		307		558		102		16.2	
Nickel	7440-02-0	ppm-Al	2100		2260		3860		3460		3610		3700		3670		2740		2510		1480	
Potassium	7440-09-7	ppm-Al	117000		180000		175000		157000		151000		233000		177000		177000		150000		80100	
Selenium	7782-49-2	ppm-Al	338	U	131	U	147	U	138	U	157	U	197		205	U	184		256	U	215	U
Silver	7440-22-4	ppm-Al	62.5	U	23.7	U	90.6		131		121		129	U	114		109		45.8	U	39.3	U
Sodium	7440-23-5	ppm-Al	242000		156000		344000		518000		360000		459000		459000		355000		313000		184000	
Thallium	7440-28-0	ppm-Al	368	U	153	U	159	U	154	U	181	U	129	U	234	U	177	U	296	U	231	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	4410		2330		3050		2520		2800		2420		3000		2490		2780		1730	
Zinc	7440-66-6	ppm-Al	5220		5170		25900		33100		29500		31300		29800		30900		17300		4600	

		Location ID	SD03W-150		SD03W-200		SD03W-200		SD03W-200		SD0DB-100		SD0JN-000		SD0JS-400		SD0KE-050		SD13E-005		SD13E-005	
		Sample Name	SD03W-150-000005-103		SD03W-200-000005-203		SD03W-200-015020-203		SD03W-200-035040-203		SD0DB-100-000005-203		SD0JN-000-GRB005-11		SD0JS-400-GRB005-11		SD0KE-050-GRB005-11		SD13E-005-000005-203		SD13E-005-015020-203	
		Date Collected	10/16/2003		11/24/2003		11/24/2003		11/24/2003		11/22/2003		4/22/2006		4/22/2006		4/12/2006		11/17/2003		11/17/2003	
		Depth	0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	588	U	398	U	354	U	417	U	286	U	821	U	800	U	916	U	178		229	
Arsenic	7440-38-2	ppm-Al	1220		2510		202	U	231	U	1860		746		725		1030		1220		4290	
Barium	7440-39-3	ppm-Al	6010		8350		1300		1320		11500		7800		7440		13700		11600		23500	
Beryllium	7440-41-7	ppm-Al	63		48.9		30.3		50.9		60		69.4	U	68.8	U	76.3	U	55.8		67.9	
Cadmium	7440-43-9	ppm-Al	41.6	U	76.5		25.3	U	30.1	U	266		69.4	U	68.8	U	76.3	U	295		394	
Calcium	7440-70-2	ppm-Al	937000		266000		96300		108000		631000		414000		276000		615000		2870000		594000	
Chromium	7440-47-3	ppm-Al	11700		17900		1580		1620		52300		12900		11300		8040		221000		192000	
Cobalt	7440-48-4	ppm-Al	1050		826		808		880		971		850		881		1000		1630		972	
Copper	7440-50-8	ppm-Al	5040		13100		1550		1320		15600		8380		9500		12800		20300		37200	
Iron	7439-89-6	ppm-Al	2230000		2120000		1570000		1620000		2350000		1950000		1890000		3710000		3020000		2750000	
Lead	7439-92-1	ppm-Al	6090		16100		657		741		13900		8730		9000		23600		41900		33200	
Magnesium	7439-95-4	ppm-Al	525000		450000		401000		421000		497000		508000		501000		665000		728000		512000	
Manganese	7439-96-5	ppm-Al	25000		20800		12700		15000		25800		28800		21900		45900		31600		30600	
Mercury	7439-97-6	ppm-Al	160		177		5.2	U	6	U	514		254		200		62.2		488		2600	
Nickel	7440-02-0	ppm-Al	2730		3210		1820		2310		13500		2270		2440		3170		9300		4410	
Potassium	7440-09-7	ppm-Al	137000		122000		68500		79600		154000		231000		229000		185000		131000		172000	
Selenium	7782-49-2	ppm-Al	420	U	294	U	253	U	301	U	286	U	179		175		229		116	U	202	U
Silver	7440-22-4	ppm-Al	147	U	150		85.9	U	102	U	191		139	U	131	U	153	U	326		587	
Sodium	7440-23-5	ppm-Al	441000		370000		246000		289000		369000		528000		549000		322000		508000		537000	
Thallium	7440-28-0	ppm-Al	504	U	336	U	286	U	347	U	314	U	139	U	131	U	305	U	132	U	229	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	2440		2480		2140		1900		3770		2520		2580		3650		7640		4860	
Zinc	7440-66-6	ppm-Al	15600		27600		5000		5460		36600		16300		17400		33600		55200		57800	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	SD13E-005		SD13E-050		SD13E-060		SD13E-100		SD13E-100		SD13E-100		SD13E-100		SD13W-200		SDOF8-012		SNS-01	
		Sample Name	SD13E-005-035040-203		SD13E-050-000005-203		SD13E-060-GRB005-11		SD13E-100-000005-103		SD13E-100-000005-203		SD13E-100-015020-203		SD13E-100-035040-203		SD13W-200-000005-203		SDOF8-012-000005-103		SNS1005	
		Date Collected	11/17/2003		11/17/2003		4/12/2006		10/16/2003		11/18/2003		11/18/2003		11/18/2003		12/2/2003		12/16/2003		11/16/2005	
		Depth	3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	110	U	192	U	1350		336	U	115	U	94.9	U	215		326	U	286	U	183	U
Arsenic	7440-38-2	ppm-Al	2090		2840		1990		1910		2480		1980		6440		1130		1300		516	
Barium	7440-39-3	ppm-Al	34600		28500		17800		11600		25000		18000		20500		4650		6140		5870	
Beryllium	7440-41-7	ppm-Al	64.7		66.3		64	U	75.6		67.7		63.3		65.9		49.6		40.5		4.7	U
Cadmium	7440-43-9	ppm-Al	199		115		86.3		46.2		123		82.3		111		33.3	U	86.9		18.8	U
Calcium	7440-70-2	ppm-Al	500000		561000		1270000		1530000		577000		466000		313000		240000		4500000		26200000	
Chromium	7440-47-3	ppm-Al	66000		33000		25800		30300		26800		24800		40300		8970		629000		7230	
Cobalt	7440-48-4	ppm-Al	838		865		741		924		838		848		748		993		2600		845	
Copper	7440-50-8	ppm-Al	16100		19500		13700		11300		16900		12400		28700		4330		11000		5210	
Iron	7439-89-6	ppm-Al	2460000		2860000		1910000		2390000		2460000		2370000		2860000		2180000		2650000		3050000	
Lead	7439-92-1	ppm-Al	19400		22200		15000		12700		19600		14700		38500		4260		12500		12700	
Magnesium	7439-95-4	ppm-Al	539000		563000		494000		605000		575000		543000		462000		461000		1830000		2190000	
Manganese	7439-96-5	ppm-Al	35500		34600		28800		35500		35600		39400		25500		20200		43100		250000	
Mercury	7439-97-6	ppm-Al	618		779		360		462		346		342		481		53.2		262		19.7	
Nickel	7440-02-0	ppm-Al	2860		3180		2280		2690		2810		2580		4750		2340		21300		2540	
Potassium	7440-09-7	ppm-Al	169000		181000		232000		175000		175000		155000		164000		116000		43700		236000	
Selenium	7782-49-2	ppm-Al	110	U	192	U	151		252	U	115	U	94.9	U	207	U	326	U	202	U	516	
Silver	7440-22-4	ppm-Al	132		144		129	U	92.4		131		75.9		230		60.3	U	101		169	
Sodium	7440-23-5	ppm-Al	302000		438000		396000		513000		439000		318000		462000		457000		256000		662000	
Thallium	7440-28-0	ppm-Al	125	U	221	U	129	U	273	U	131	U	108	U	237	U	355	U	226	U	296	U
Titanium	7440-32-6	ppm-Al																				
Vanadium	7440-62-2	ppm-Al	2510		2770		2390		2670		2550		2510		3270		2660		7250		2350	
Zinc	7440-66-6	ppm-Al	38200		36600		28600		23300		34800		28100		51900		10300		78600		14700	

		Location ID	SNS-01		SNS-02		SNS-02		SNS-03		SNS-03		SNS-04		SNS-07		SNS-07		VT-08-01		VT-08-01	
		Sample Name	SNS1051		SNS2005		SNS2051		SNS3005		SNS3051		SNS401		SNS7005		SNS7051		HAB-01-00-05		HAB-01-05-15	
		Date Collected	11/16/2005		11/16/2005		11/16/2005		11/18/2005		11/18/2005		11/16/2005		11/16/2005		11/16/2005		3/12/2008		3/12/2008	
		Depth	0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-1.0		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	317		41.5	U	26.2	U	51.9		55.5		1540		515		55.8	U	92.7		158	
Arsenic	7440-38-2	ppm-Al	583		425		311		311		780		1390		1850		5830		770		1030	
Barium	7440-39-3	ppm-Al	4670		8240		8250		10100		9880		10400		13100		9410		11000		10900	
Beryllium	7440-41-7	ppm-Al	8.3		76.4		47.5		51.9		55.5		139		133		51		61.3		61.9	
Cadmium	7440-43-9	ppm-Al	33.3		3.8	U	2.7	U	2.7	U	2.9	U	14.3	U	15.2	U	5.8	U	120		182	
Calcium	7440-70-2	ppm-Al	8420000		566000		528000		667000		551000		5360000		9360000		1800000		452000		383000	
Chromium	7440-47-3	ppm-Al	8420		3070		1520		1610		1580		12800		17500		15300		6750		8170	
Cobalt	7440-48-4	ppm-Al	833		915		831		989		971		2930		1330		971		799		752	
Copper	7440-50-8	ppm-Al	6080		2870		1690		1850		2110		29100		15400		23500		8350		10400	
Iron	7439-89-6	ppm-Al	4620000		2090000		1980000		2110000		2100000		3860000		5520000		3070000		2330000		2380000	
Lead	7439-92-1	ppm-Al	8420		2680		1230		1300		1250		140000		232000		19700		8490		10900	
Magnesium	7439-95-4	ppm-Al	1360000		617000		568000		601000		578000		739000		930000		565000		619000		633000	
Manganese	7439-96-5	ppm-Al	39700		41300		45700		44300		44700		48600		72400		41100		27400		25500	
Mercury	7439-97-6	ppm-Al	0		26.9		0	U	2		0	U	151		254		0	U	185		243	
Nickel	7440-02-0	ppm-Al	3170		1800		1710		1870		2000		7070		4520		3680		2670		2800	
Potassium	7440-09-7	ppm-Al	476000		217000		201000		193000		169000		238000		242000		203000		193000		187000	
Selenium	7782-49-2	ppm-Al	833		76.4		142		158		139		157	U	152	U	356		68.5		60.7	
Silver	7440-22-4	ppm-Al	292		76.4		71		76.5		197		139		264		202		134		194	
Sodium	7440-23-5	ppm-Al	1070000		320000		163000		139000		66500		607000		861000		445000		334000		449000	
Thallium	7440-28-0	ppm-Al	508		67	U	41.5	U	45.9	U	48.6	U	243	U	233	U	106		15.7		17	
Titanium	7440-32-6	ppm-Al																	29400		27900	
Vanadium	7440-62-2	ppm-Al	4330		2180		1970		2210		2360		5680		9000		3020		2810		2890	
Zinc	7440-66-6	ppm-Al	18100		6320		4060		4680		4750		152000		36400		25000		14800		17400	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-02		VT-08-02	
		Sample Name	HAB-01-103-115		HAB-01-115-135		HAB-01-135-149		HAB-01-15-25		HAB-01-25-31		HAB-01-38-55		HAB-01-55-75		HAB-01-75-85		HAB-02-00-05		HAB-02-05-15	
		Date Collected	3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/14/2008		3/14/2008	
		Depth	10.3-11.5		11.5-13.5		13.5-14.9		1.5-2.5		2.5-3.1		3.8-5.5		5.5-7.5		7.5-8.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	2510		5280		8860		356		189		309		375		555		1270		138	
Arsenic	7440-38-2	ppm-Al	6810		5530		5220		1240		1110		1210		1600		1690		1650		1220	
Barium	7440-39-3	ppm-Al	10400		6770		8040		9980		11100		11100		11800		11600		7690		9280	
Beryllium	7440-41-7	ppm-Al	60.5		53.5		58.9		64.1		62.3		64		63.9		63		56.4		68.8	
Cadmium	7440-43-9	ppm-Al	471		276		326		190		238		257		368		420		159		217	
Calcium	7440-70-2	ppm-Al	472000		722000		531000		399000		374000		383000		424000		421000		434000		797000	
Chromium	7440-47-3	ppm-Al	12700		8000		16500		9040		10100		10100		12700		15000		10700		8480	
Cobalt	7440-48-4	ppm-Al	672		674		715		713		713		713		694		706		651		841	
Copper	7440-50-8	ppm-Al	14900		7880		11500		11300		14000		13700		16800		18200		8560		7540	
Iron	7439-89-6	ppm-Al	2410000		2350000		2570000		2460000		2220000		2210000		2120000		2170000		2110000		1880000	
Lead	7439-92-1	ppm-Al	13700		8410		11700		11200		13400		12700		15100		16900		16400		7090	
Magnesium	7439-95-4	ppm-Al	492000		439000		553000		588000		618000		594000		549000		501000		431000		581000	
Manganese	7439-96-5	ppm-Al	21800		16300		21600		24500		25200		25700		25300		22000		18300		35100	
Mercury	7439-97-6	ppm-Al	445		225		315		249		230		250		486		504		195		246	
Nickel	7440-02-0	ppm-Al	2930		2490		2850		2510		2890		2660		2680		3110		2510		2380	
Potassium	7440-09-7	ppm-Al	139000		138000		135000		189000		192000		187000		188000		170000		118000		180000	
Selenium	7782-49-2	ppm-Al	118		96.7		102		70.1		98.4		80.9		104		92.4		61.5		87	
Silver	7440-22-4	ppm-Al	252		114		158		226		295		279		354		361		51.3		101	
Sodium	7440-23-5	ppm-Al	390000		269000		379000		466000		546000		506000		490000		450000		368000		366000	
Thallium	7440-28-0	ppm-Al	16.8		11.9		12.6		16.6		18.9		18.4		20.8		19.3		11.8		14.5	
Titanium	7440-32-6	ppm-Al	23500		22500		23600		28700		28800		26900		26500		26600		24800		22000	
Vanadium	7440-62-2	ppm-Al	3670		3210		4230		2990		3140		2990		3190		3610		4480		2860	
Zinc	7440-66-6	ppm-Al	22400		13600		21800		17500		19300		19000		22300		25900		15700		12700	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-03	
		Sample Name	HAB-02-115-135		HAB-02-135-149		HAB-02-149-161		HAB-02-15-25		HAB-02-25-35		HAB-02-35-55		HAB-02-55-75		HAB-02-75-92		HAB-02-93-115		HAB-03-00-05	
		Date Collected	3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/12/2008	
		Depth	11.5-13.5		13.5-14.9		14.9-16.1		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.2		9.3-11.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	74.2		57		18.3		680		231		245		92.2		14.2		28.5		62.6	
Arsenic	7440-38-2	ppm-Al	2380		2040		362		3710		3390		3750		3010		1120		1400		791	
Barium	7440-39-3	ppm-Al	17800		14000		3720		43500		32800		20800		15500		7300		9650		9220	
Beryllium	7440-41-7	ppm-Al	73.4		72		56.8		71.9		64.1		74.8		78		70.9		69.4		61.7	
Cadmium	7440-43-9	ppm-Al	1180		820		33.6		1160		1030		1180		858		241		507		148	
Calcium	7440-70-2	ppm-Al	306000		368000		181000		321000		362000		356000		455000		700000		410000		373000	
Chromium	7440-47-3	ppm-Al	40200		28600		3150		28900		31900		36900		32200		10200		17800		7830	
Cobalt	7440-48-4	ppm-Al	805		830		620		908		853		1020		1090		823		750		696	
Copper	7440-50-8	ppm-Al	31800		25600		2400		33100		32200		39500		28800		9080		13900		9910	
Iron	7439-89-6	ppm-Al	2100000		2120000		1680000		2020000		2010000		2020000		2000000		1790000		1950000		2100000	
Lead	7439-92-1	ppm-Al	44500		30900		2220		21100		19000		23400		23400		7940		17800		10100	
Magnesium	7439-95-4	ppm-Al	463000		458000		413000		499000		504000		507000		537000		582000		508000		584000	
Manganese	7439-96-5	ppm-Al	21500		22000		12800		19900		22700		20600		23800		33300		26100		26000	
Mercury	7439-97-6	ppm-Al	633		680		17.6		1500		1520		1460		1260		262		292		252	
Nickel	7440-02-0	ppm-Al	3260		3020		1760		4760		4280		4790		4130		2290		2400		2450	
Potassium	7440-09-7	ppm-Al	170000		172000		172000		177000		183000		186000		194000		194000		177000		190000	
Selenium	7782-49-2	ppm-Al	234		210		82.7		242		231		279		199		99.3		146		84.3	
Silver	7440-22-4	ppm-Al	438		330		13.2		484		474		531		411		121		201		217	
Sodium	7440-23-5	ppm-Al	508000		426000		292000		548000		545000		580000		538000		346000		410000		488000	
Thallium	7440-28-0	ppm-Al	23.4		21		9.8		24.8		23.1		27.9		27		15.6		17.4		16.5	
Titanium	7440-32-6	ppm-Al	22300		22500		18600		26100		24700		25200		26500		23000		22500		25000	
Vanadium	7440-62-2	ppm-Al	3680		3780		2480		4200		3710		4120		4030		2870		3130		2640	
Zinc	7440-66-6	ppm-Al	65600		45500		5300		42700		45400		52800		40200		14000		26300		14600	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	VT-08-03		VT-08-03		VT-08-03		VT-08-03		VT-08-03		VT-08-03		VT-08-03		VT-08-04		VT-08-04		VT-08-04	
		Sample Name	HAB-03-05-15		HAB-03-15-25		HAB-03-25-35		HAB-03-35-55		HAB-03-55-75		HAB-03-75-95		HAB-03-95-115		HAB-04-00-05		HAB-04-05-15		HAB-04-15-25	
		Date Collected	3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	63.8		56.9		79.1		80.9		84.5		190		19.7		59.7		67.7		59.3	
Arsenic	7440-38-2	ppm-Al	899		935		914		934		1190		647		197		935		992		957	
Barium	7440-39-3	ppm-Al	9420		9840		9640		9930		7390		6790		4220		10100		10600		11000	
Beryllium	7440-41-7	ppm-Al	62.3		60.2		64.7		64		65.5		58		53.3		61.2		61.7		62.1	
Cadmium	7440-43-9	ppm-Al	261		211		252		243		162		123		17.8		237		241		257	
Calcium	7440-70-2	ppm-Al	396000		376000		532000		476000		545000		642000		69800		413000		405000		416000	
Chromium	7440-47-3	ppm-Al	9420		9430		10000		10100		7390		5980		2640		9710		10300		10400	
Cobalt	7440-48-4	ppm-Al	688		683		705		728		725		758		631		719		699		714	
Copper	7440-50-8	ppm-Al	12200		12400		12400		12900		6300		6180		1930		12400		13400		14000	
Iron	7439-89-6	ppm-Al	2030000		2010000		2000000		2080000		1930000		2060000		1970000		2160000		2100000		2080000	
Lead	7439-92-1	ppm-Al	11700		12100		11800		12100		6910		5720		1260		12100		12500		12800	
Magnesium	7439-95-4	ppm-Al	583000		563000		586000		590000		539000		586000		450000		598000		607000		600000	
Manganese	7439-96-5	ppm-Al	27700		27600		30000		29100		32500		31400		12600		27700		26800		26800	
Mercury	7439-97-6	ppm-Al	304		301		331		316		232		145		5.3		388		353		357	
Nickel	7440-02-0	ppm-Al	2360		2330		2280		2580		2060		2340		1970		2420		2660		2510	
Potassium	7440-09-7	ppm-Al	182000		175000		188000		192000		180000		187000		156000		186000		188000		184000	
Selenium	7782-49-2	ppm-Al	94.2		89.4		79.1		80.9		57		50.2		29.6		86.3		90.2		92.9	
Silver	7440-22-4	ppm-Al	275		285		309		301		84.5		111		4.7		281		301		314	
Sodium	7440-23-5	ppm-Al	517000		489000		440000		481000		344000		321000		256000		540000		558000		529000	
Thallium	7440-28-0	ppm-Al	18.1		17.9		19.4		19.1		13.4		14.5		9.7		18		18.8		19.3	
Titanium	7440-32-6	ppm-Al	25600		24100		26000		26800		22400		26300		28200		24500		26800		24300	
Vanadium	7440-62-2	ppm-Al	2890		2920		2960		3060		2820		2580		2540		2990		2800		2690	
Zinc	7440-66-6	ppm-Al	17000		16800		16500		16900		11300		9900		4080		17800		17800		18100	

		Location ID	VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05	
		Sample Name	HAB-04-25-35		HAB-04-35-55		HAB-04-55-65		HAB-04-65-75		HAB-05-00-05		HAB-05-05-15		HAB-05-115-135		HAB-05-135-151		HAB-05-15-25		HAB-05-25-35	
		Date Collected	3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008	
		Depth	2.5-3.5		3.5-5.5		5.5-6.5		6.5-7.5		0.0-0.5		0.5-1.5		11.5-13.5		13.5-15.1		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	62.1		103		260		98.4		99.5		28.8		701		59.4		30.2		33.9	
Arsenic	7440-38-2	ppm-Al	977		1090		1370		631		862		913		2060		1430		1090		1100	
Barium	7440-39-3	ppm-Al	11500		11300		14300		5780		12300		11800		13500		15600		11900		11900	
Beryllium	7440-41-7	ppm-Al	64.4		64.7		66.7		71.3		68		63.5		65.7		71.4		66.7		64.3	
Cadmium	7440-43-9	ppm-Al	258		346		537		82		141		183		518		376		238		250	
Calcium	7440-70-2	ppm-Al	457000		556000		549000		1110000		474000		505000		644000		789000		383000		451000	
Chromium	7440-47-3	ppm-Al	10600		12900		18300		4220		6720		8320		17900		12300		10000		10200	
Cobalt	7440-48-4	ppm-Al	735		728		797		869		879		769		788		857		762		795	
Copper	7440-50-8	ppm-Al	14300		15100		21200		3550		10000		11400		18500		12400		14400		14900	
Iron	7439-89-6	ppm-Al	2110000		2040000		2140000		2160000		2160000		2080000		2010000		1870000		2160000		2180000	
Lead	7439-92-1	ppm-Al	12800		14300		19100		3080		8310		11000		16200		10800		13400		13700	
Magnesium	7439-95-4	ppm-Al	633000		588000		561000		670000		599000		627000		562000		592000		604000		639000	
Manganese	7439-96-5	ppm-Al	28000		30200		26800		45100		25500		26200		28000		33100		28200		27900	
Mercury	7439-97-6	ppm-Al	364		463		813		98.4		199		260		591		571		365		348	
Nickel	7440-02-0	ppm-Al	2800		2520		3190		2140		2700		2860		2890		2670		2550		2910	
Potassium	7440-09-7	ppm-Al	189000		186000		177000		200000		207000		197000		169000		191000		192000		193000	
Selenium	7782-49-2	ppm-Al	98.5		103		122		43.4		121		135		153		120		159		161	
Silver	7440-22-4	ppm-Al	303		346		431		40.2		146		231		336		195		302		313	
Sodium	7440-23-5	ppm-Al	558000		469000		512000		257000		481000		546000		398000		349000		587000		598000	
Thallium	7440-28-0	ppm-Al	19.7		19.1		21.1		13.1		16.3		18.3		19		19.5		20.6		20.5	
Titanium	7440-32-6	ppm-Al	26800		25900		27000		27200		26400		23900		23600		23500		25100		26300	
Vanadium	7440-62-2	ppm-Al	2980		3010		3550		2810		2820		2850		3400		3020		2900		3010	
Zinc	7440-66-6	ppm-Al	18200		20200		28900		6920		16000		17400		26000		18900		19600		20600	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06	
		Sample Name	HAB-05-35-49		HAB-05-64-75		HAB-05-75-85		HAB-05-95-115		HAB-06-00-05		HAB-06-05-15		HAB-06-107-115		HAB-06-115-128		HAB-06-15-25		HAB-06-25-35	
		Date Collected	3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008	
		Depth	3.5-4.9		6.4-7.5		7.5-8.5		9.5-11.5		0.0-0.5		0.5-1.5		10.7-11.5		11.5-12.8		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	35.7		33.3		44.4		333		61.2		56.6		174		176		57.6		57	
Arsenic	7440-38-2	ppm-Al	1250		1230		1340		1850		728		882		1220		1280		896		972	
Barium	7440-39-3	ppm-Al	13900		12800		14200		15400		9440		9710		13000		13600		9720		10400	
Beryllium	7440-41-7	ppm-Al	66.7		65.9		67.7		64.3		61.2		60.3		60.4		63.2		61.1		59.2	
Cadmium	7440-43-9	ppm-Al	397		406		508		620		136		191		451		544		201		211	
Calcium	7440-70-2	ppm-Al	493000		487000		473000		561000		416000		385000		450000		527000		375000		452000	
Chromium	7440-47-3	ppm-Al	13300		13000		15900		19600		6930		8680		15600		17900		8960		9370	
Cobalt	7440-48-4	ppm-Al	810		797		815		829		699		669		708		765		660		662	
Copper	7440-50-8	ppm-Al	19000		18400		23100		23300		8620		11400		20000		20700		11600		12300	
Iron	7439-89-6	ppm-Al	2090000		2070000		2070000		2050000		2040000		2000000		1990000		2040000		2010000		2000000	
Lead	7439-92-1	ppm-Al	16500		16000		19500		21400		8630		11100		17300		19000		11100		11600	
Magnesium	7439-95-4	ppm-Al	601000		590000		571000		558000		611000		608000		526000		540000		581000		577000	
Manganese	7439-96-5	ppm-Al	29200		29600		27200		27100		24800		26400		24600		24400		26000		25000	
Mercury	7439-97-6	ppm-Al	516		493		750		837		204		309		674		787		299		345	
Nickel	7440-02-0	ppm-Al	2870		2800		3190		3360		2500		2400		2860		3350		2330		2360	
Potassium	7440-09-7	ppm-Al	187000		186000		184000		171000		200000		196000		187000		186000		197000		196000	
Selenium	7782-49-2	ppm-Al	183		167		185		186		64.1		95.6		104		110		83.3		84.5	
Silver	7440-22-4	ppm-Al	405		391		452		450		165		243		403		412		243		268	
Sodium	7440-23-5	ppm-Al	521000		511000		494000		460000		477000		577000		467000		510000		546000		501000	
Thallium	7440-28-0	ppm-Al	23		21.7		24.2		21.7		17.5		17.6		20.8		21.3		19.4		18.3	
Titanium	7440-32-6	ppm-Al	24800		24800		26200		25000		27400		26400		27800		27600		25900		26200	
Vanadium	7440-62-2	ppm-Al	3060		3040		3230		3330		2680		2710		3310		3490		2730		2730	
Zinc	7440-66-6	ppm-Al	24000		23600		29800		32200		13700		15800		25800		31500		16100		16400	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	VT-08-06		VT-08-06		VT-08-06		VT-08-07		VT-08-07		VT-08-07		VT-08-07		VT-08-07		VT-08-08		VT-08-08	
		Sample Name	HAB-06-35-55		HAB-06-55-75		HAB-06-75-95		HAB-07-00-05		HAB-07-05-15		HAB-07-15-25		HAB-07-25-35		HAB-07-35-55		HAB-08-00-05		HAB-08-05-15	
		Date Collected	3/13/2008		3/13/2008		3/13/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	67.2		69.7		96.3		25.7		36.2		51.5		57.4		7.6		55.1		73.1	
Arsenic	7440-38-2	ppm-Al	1080		930		1060		793		997		984		1190		750		1010		1350	
Barium	7440-39-3	ppm-Al	12000		11300		11600		8840		11200		11000		11400		2600		12200		12200	
Beryllium	7440-41-7	ppm-Al	60.6		62		61.5		72.3		72.5		70.5		68.3		62		70.9		66.1	
Cadmium	7440-43-9	ppm-Al	255		275		378		74.7		147		190		317		50		315		531	
Calcium	7440-70-2	ppm-Al	391000		442000		396000		722000		712000		853000		534000		214000		2280000		481000	
Chromium	7440-47-3	ppm-Al	10500		10600		12700		5410		7830		8650		13100		2940		14500		21400	
Cobalt	7440-48-4	ppm-Al	693		683		674		828		883		861		802		680		803		801	
Copper	7440-50-8	ppm-Al	14300		14000		16800		6950		10200		10400		16000		2170		12900		22000	
Iron	7439-89-6	ppm-Al	2040000		1980000		1970000		2220000		2240000		2230000		2110000		2560000		2090000		2120000	
Lead	7439-92-1	ppm-Al	12900		12300		15100		6950		10700		10200		16500		2150		17800		24100	
Magnesium	7439-95-4	ppm-Al	598000		557000		530000		644000		729000		633000		557000		465000		680000		555000	
Manganese	7439-96-5	ppm-Al	25600		26100		25300		33400		33600		35800		30300		27600		29000		22800	
Mercury	7439-97-6	ppm-Al	365		387		570		112		204		268		416		52		598		631	
Nickel	7440-02-0	ppm-Al	2860		2300		2530		2850		4350		2960		3290		1740		3650		4020	
Potassium	7440-09-7	ppm-Al	191000		192000		180000		229000		233000		230000		214000		193000		236000		214000	
Selenium	7782-49-2	ppm-Al	102		91.5		104		100		125		112		139		94		81.9		160	
Silver	7440-22-4	ppm-Al	292		296		370		128		215		224		376		36		378		541	
Sodium	7440-23-5	ppm-Al	504000		461000		440000		579000		555000		477000		511000		406000		843000		669000	
Thallium	7440-28-0	ppm-Al	19		19		20		14		17		17.9		20.8		11		22		24	
Titanium	7440-32-6	ppm-Al	27200		26800		27200		30300		33200		29900		30500		22200		35000		31200	
Vanadium	7440-62-2	ppm-Al	2910		2900		3160		2860		3070		3000		3190		2510		3260		3520	
Zinc	7440-66-6	ppm-Al	18000		17300		21200		12400		15200		15800		22500		5850		19700		31900	

		Location ID	VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-09		VT-08-09		VT-08-09		VT-08-09		VT-08-09		VT-08-09	
		Sample Name	HAB-08-15-25		HAB-08-25-35		HAB-08-35-55		HAB-08-55-62		HAB-09-00-05		HAB-09-05-15		HAB-09-15-25		HAB-09-25-35		HAB-09-35-55		HAB-09-55-75	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-6.2		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	105		38.9		22.7		16.6		91.7		93		219		149		127		115	
Arsenic	7440-38-2	ppm-Al	1420		743		909		839		2780		4340		3950		4320		6880		6500	
Barium	7440-39-3	ppm-Al	14700		5730		5090		2840		36300		24900		40200		26200		33200		14300	
Beryllium	7440-41-7	ppm-Al	71.2		63.7		70.1		56.5		125		76.7		75.3		70.9		70.1		66.2	
Cadmium	7440-43-9	ppm-Al	628		170		70.1		17		642		690		260		163		172		108	
Calcium	7440-70-2	ppm-Al	484000		492000		181000		165000		733000		505000		379000		357000		287000		248000	
Chromium	7440-47-3	ppm-Al	21200		8740		4750		2230		18000		21600		12600		12600		15000		12200	
Cobalt	7440-48-4	ppm-Al	806		726		852		736		900		829		719		745		791		915	
Copper	7440-50-8	ppm-Al	22800		5700		3050		873		31300		47500		35300		25200		29600		22000	
Iron	7439-89-6	ppm-Al	2100000		1980000		2050000		1820000		2240000		2170000		2060000		2090000		2150000		2090000	
Lead	7439-92-1	ppm-Al	23900		6270		2800		1040		21300		23500		39500		34500		33900		25200	
Magnesium	7439-95-4	ppm-Al	545000		535000		398000		353000		613000		559000		484000		488000		470000		448000	
Manganese	7439-96-5	ppm-Al	23800		29900		17200		16900		29700		27500		23200		25300		22200		22500	
Mercury	7439-97-6	ppm-Al	743		177		87.1		11.1		1050		829		486		454		530		462	
Nickel	7440-02-0	ppm-Al	3780		2230		1950		1470		3620		3260		3460		3360		4930		5340	
Potassium	7440-09-7	ppm-Al	214000		221000		173000		150000		218000		206000		203000		201000		203000		187000	
Selenium	7782-49-2	ppm-Al	168		58.4		47.3		39.4		283		256		589		447		388		231	
Silver	7440-22-4	ppm-Al	513		133		54.9		7.5		367		403		240		184		194		162	
Sodium	7440-23-5	ppm-Al	603000		490000		313000		277000		668000		602000		495000		473000		510000		412000	
Thallium	7440-28-0	ppm-Al	22		14.5		10.6		9.8		24.2		25.6		37.7		34		42.5		41.5	
Titanium	7440-32-6	ppm-Al	32400		29000		20600		17600		29700		26500		24800		24000		24600		22900	
Vanadium	7440-62-2	ppm-Al	3530		2730		2710		2520		3890		4010		3030		3050		3070		2810	
Zinc	7440-66-6	ppm-Al	30900		9890		6500		3460		37000		32200		38500		33000		34300		23200	

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Aluminum-Normalized Inorganics

		Location ID	VT-08-09		VT-08-10		VT-08-10		VT-08-10		VT-08-10		VT-08-10		VT-08-11		VT-08-11		VT-08-12		VT-08-13	
		Sample Name	HAB-09-75-85		HAB-10-00-05		HAB-10-05-15		HAB-10-15-25		HAB-10-25-35		HAB-10-35-55		HAB-11-00-05		HAB-11-05-10		HAB-12-00-05		HAB-13-00-05	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/11/2008		3/11/2008		3/11/2008		3/5/2008	
		Depth	7.5-8.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		0.0-0.5		0.5-1.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	80.3		40		31.9		11.7		16		16.1		27.5		28.9		81.7		28.6	
Arsenic	7440-38-2	ppm-Al	4910		673		894		575		563		402		651		859		2020		1430	
Barium	7440-39-3	ppm-Al	8250		6700		7430		2200		1490		2570		5240		8380		17600		17400	
Beryllium	7440-41-7	ppm-Al	72.4		66.4		66.4		80.5		96.8		93.2		55		66.2		66.2		71.4	
Cadmium	7440-43-9	ppm-Al	74.7		145		159		21.1		10.4		8		53.7		77.5		228		153	
Calcium	7440-70-2	ppm-Al	327000		275000		323000		169000		57700		41500		450000		532000		814000		1240000	
Chromium	7440-47-3	ppm-Al	9260		5330		6340		2680		2950		3020		4710		5040		11200		7720	
Cobalt	7440-48-4	ppm-Al	814		618		726		900		653		900		644		718		765		980	
Copper	7440-50-8	ppm-Al	16500		7150		9380		1480		1280		1500		5760		6740		15400		14500	
Iron	7439-89-6	ppm-Al	2170000		1790000		2040000		2390000		2450000		2400000		1990000		2060000		2140000		2350000	
Lead	7439-92-1	ppm-Al	19000		7770		8050		1380		1040		981		6780		7320		18000		12600	
Magnesium	7439-95-4	ppm-Al	416000		499000		504000		477000		372000		473000		582000		622000		644000		700000	
Manganese	7439-96-5	ppm-Al	23200		25800		31600		29700		14100		11200		30500		40700		34400		39900	
Mercury	7439-97-6	ppm-Al	407		227		230		9.2		2.9		5.1	U	94		98.6		434		265	
Nickel	7440-02-0	ppm-Al	4190		1850		2330		2070		2000		2430		1930		2110		3140		3160	
Potassium	7440-09-7	ppm-Al	190000		205000		205000		213000		212000		183000		198000		185000		206000		220000	
Selenium	7782-49-2	ppm-Al	147		62.7		124		69		27		59.5		73.8		69		165		163	
Silver	7440-22-4	ppm-Al	102		155		159		9.8		4.3		1.8		128		134		238		204	
Sodium	7440-23-5	ppm-Al	370000		573000		501000		245000		182000		125000		663000		555000		585000		679000	
Thallium	7440-28-0	ppm-Al	29.4		13.6		14.2		13.6		7.9		8.7		15.4		15.5		25.9		21.4	
Titanium	7440-32-6	ppm-Al	25600		24900		25700		27600		29700		34100		24200		26700		32700		29400	
Vanadium	7440-62-2	ppm-Al	2900		2690		3060		2700		2680		3730		2480		3000		3440		3220	
Zinc	7440-66-6	ppm-Al	19200		10000		13000		5380		5610		5580		10300		11100		21100		18700	

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		Location ID	VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-14		VT-08-14		VT-08-14	
		Sample Name	HAB-13-05-15		HAB-13-15-25		HAB-13-25-35		HAB-13-35-55		HAB-13-55-75		HAB-13-75-95		HAB-13-95-103		HAB-14-00-05		HAB-14-05-15		HAB-14-115-135	
		Date Collected	3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.3		0.0-0.5		0.5-1.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	92.2		137		68.5		84		53.9		24.8		11.2		106		107		183	
Arsenic	7440-38-2	ppm-Al	2620		7710		6330		6040		5280		4030		2130		1750		1830		6090	
Barium	7440-39-3	ppm-Al	35000		46100		13100		8170		7020		5690		3560		20300		22100		26900	
Beryllium	7440-41-7	ppm-Al	67.4		71.8		62.3		59.5		61.7		63.2		68.8		68.8		65.1		76.9	
Cadmium	7440-43-9	ppm-Al	1020		1240		185		84		60.9		52.6		28.8		644		738		1210	
Calcium	7440-70-2	ppm-Al	409000		331000		228000		204000		211000		218000		142000		349000		323000		320000	
Chromium	7440-47-3	ppm-Al	26300		46200		12600		9690		7090		6170		3770		19100		26300		49100	
Cobalt	7440-48-4	ppm-Al	858		855		769		779		805		782		1620		713		752		698	
Copper	7440-50-8	ppm-Al	48100		63200		26500		24700		27900		20000		8240		32500		38900		59800	
Iron	7439-89-6	ppm-Al	2320000		2370000		2020000		2030000		2060000		2140000		1940000		2110000		2100000		2060000	
Lead	7439-92-1	ppm-Al	32700		56000		30500		23700		20500		19500		9600		25300		27400		39900	
Magnesium	7439-95-4	ppm-Al	528000		529000		465000		453000		460000		471000		489000		529000		522000		460000	
Manganese	7439-96-5	ppm-Al	24200		23500		26500		27200		31700		39500		29000		21800		19700		20200	
Mercury	7439-97-6	ppm-Al	1650		1360		838		695		586		609		336		963		1230		1510	
Nickel	7440-02-0	ppm-Al	4520		3920		2580		2770		2860		2410		3070		3550		3910		3320	
Potassium	7440-09-7	ppm-Al	187000		192000		157000		153000		157000		166000		138000		202000		195000		186000	
Selenium	7782-49-2	ppm-Al	376		450		246		191		180		165		104		238		255		361	
Silver	7440-22-4	ppm-Al	809		588		169		130		102		82.7		33.6		613		644		604	
Sodium	7440-23-5	ppm-Al	672000		699000		478000		419000		390000		402000		293000		738000		785000		512000	
Thallium	7440-28-0	ppm-Al	29.8		41.2		26.2		22.9		21.1		16.5		10.4		30		29.5		30.8	
Titanium	7440-32-6	ppm-Al	31200		32700		23800		23200		23300		21600		20600		30300		28700		28500	
Vanadium	7440-62-2	ppm-Al	3990		3790		2550		2370		2510		2650		2270		3900		4090		3980	
Zinc	7440-66-6	ppm-Al	54300		58400		30400		26300		20100		18200		11500		39900		42400		47600	

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			Location ID		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-15		VT-08-15		VT-08-15	
			Sample Name		HAB-14-135-155		HAB-14-15-25		HAB-14-25-35		HAB-14-35-55		HAB-14-55-75		HAB-14-75-95		HAB-14-95-115		HAB-15-00-05		HAB-15-05-15		HAB-15-115-135	
			Date Collected		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
			Depth		13.5-15.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		11.5-13.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																								
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	228		156		140		154		454		278		153		55.1		91.5		131			
Arsenic	7440-38-2	ppm-Al	6660		1980		2090		3780		7200		6960		4150		1070		1710		5840			
Barium	7440-39-3	ppm-Al	35000		43900		28300		90700		71200		26000		18900		12500		18800		28500			
Beryllium	7440-41-7	ppm-Al	73.8		67		67.1		67.9		70		69.6		76.4		72.5		71.9		75.9			
Cadmium	7440-43-9	ppm-Al	1410		954		1150		1270		1840		1370		987		181		693		1300			
Calcium	7440-70-2	ppm-Al	297000		325000		405000		485000		398000		370000		414000		460000		374000		330000			
Chromium	7440-47-3	ppm-Al	35000		23700		25500		26600		43000		41600		30600		8550		23000		45400			
Cobalt	7440-48-4	ppm-Al	758		725		780		784		908		867		758		768		745		766			
Copper	7440-50-8	ppm-Al	64400		45400		53500		44200		61500		50300		37800		14300		35900		59700			
Iron	7439-89-6	ppm-Al	2110000		1970000		1880000		1950000		2000000		1970000		2000000		2130000		2090000		2200000			
Lead	7439-92-1	ppm-Al	47700		28700		30300		24100		30500		31300		25500		13300		24600		42900			
Magnesium	7439-95-4	ppm-Al	444000		494000		500000		522000		483000		480000		502000		647000		525000		497000			
Manganese	7439-96-5	ppm-Al	19100		19500		19800		22700		18900		19100		23600		31400		22800		22800			
Mercury	7439-97-6	ppm-Al	1240		2760		1300		2560		3640		2390		1240		304		1140		1140			
Nickel	7440-02-0	ppm-Al	3930		3680		3780		3910		7120		4670		3370		3270		3640		3670			
Potassium	7440-09-7	ppm-Al	190000		191000		190000		192000		186000		183000		192000		212000		193000		191000			
Selenium	7782-49-2	ppm-Al	423		312		354		333		446		354		242		145		255		366			
Silver	7440-22-4	ppm-Al	584		688		616		568		731		620		490		268		654		655			
Sodium	7440-23-5	ppm-Al	482000		638000		646000		587000		638000		596000		483000		708000		725000		607000			
Thallium	7440-28-0	ppm-Al	34.2		25.7		24.4		25.3		33.8		33.5		25.5		17.4		24.8		31			
Titanium	7440-32-6	ppm-Al	27000		31400		27300		28000		30400		29300		26900		27400		28200		26800			
Vanadium	7440-62-2	ppm-Al	3380		4170		3540		3830		5530		4700		4290		3090		3900		3710			
Zinc	7440-66-6	ppm-Al	51700		43100		47200		47900		76800		60700		39000		18800		37700		47500			

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		Location ID	VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-16		VT-08-16		VT-08-16		VT-08-16	
		Sample Name	HAB-15-15-25		HAB-15-25-35		HAB-15-35-55		HAB-15-55-75		HAB-15-75-95		HAB-15-95-115		HAB-16-00-05		HAB-16-05-15		HAB-16-15-25		HAB-16-25-35	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	116		147		136		97.2		197		96.6		64.2		59.1		145		177	
Arsenic	7440-38-2	ppm-Al	1990		2170		2060		3280		5940		4080		1570		1960		4190		6120	
Barium	7440-39-3	ppm-Al	26200		55600		34800		67200		51300		18400		18500		20800		29400		54200	
Beryllium	7440-41-7	ppm-Al	67.4		68.1		67.9		69.4		74.8		75.9		75.2		77.4		80.6		74.6	
Cadmium	7440-43-9	ppm-Al	877		1220		1160		1130		1460		938		229		270		1010		608	
Calcium	7440-70-2	ppm-Al	364000		401000		422000		592000		447000		454000		491000		558000		417000		369000	
Chromium	7440-47-3	ppm-Al	27300		28400		25400		25600		38400		32500		9360		10900		26500		21500	
Cobalt	7440-48-4	ppm-Al	754		776		796		833		884		766		826		835		806		762	
Copper	7440-50-8	ppm-Al	44900		52800		53500		43000		49100		39300		16500		19500		49800		47600	
Iron	7439-89-6	ppm-Al	2080000		1990000		1910000		1970000		2100000		1990000		2110000		2200000		2230000		2150000	
Lead	7439-92-1	ppm-Al	28300		31200		30200		23600		29100		28100		14100		17300		37500		43200	
Magnesium	7439-95-4	ppm-Al	518000		522000		509000		563000		517000		530000		625000		638000		581000		523000	
Manganese	7439-96-5	ppm-Al	21100		21000		20900		26400		22000		25300		32000		32600		25900		23100	
Mercury	7439-97-6	ppm-Al	1680		3160		1430		2080		1990		966		339		417		790		915	
Nickel	7440-02-0	ppm-Al	4000		4090		3800		3830		4860		3090		2810		3040		3900		3520	
Potassium	7440-09-7	ppm-Al	198000		190000		181000		185000		185000		187000		221000		224000		202000		190000	
Selenium	7782-49-2	ppm-Al	312		353		327		340		347		262		174		191		347		538	
Silver	7440-22-4	ppm-Al	783		776		648		563		633		497		211		252		492		369	
Sodium	7440-23-5	ppm-Al	761000		659000		614000		557000		624000		525000		746000		776000		709000		556000	
Thallium	7440-28-0	ppm-Al	26.1		27.6		22.8		26.4		29.9		25.5		21.1		20.9		28.2		38.5	
Titanium	7440-32-6	ppm-Al	30100		30300		25300		25100		27600		25600		26900		27500		26800		24300	
Vanadium	7440-62-2	ppm-Al	4080		4190		3610		4030		4970		3780		2930		3150		3960		3310	
Zinc	7440-66-6	ppm-Al	43000		49500		44400		45900		56400		37000		20000		22400		44700		45000	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	VT-08-16		VT-08-16		VT-08-17		VT-08-17		VT-08-17		VT-08-17		VT-08-17		VT-08-18		VT-08-18		VT-08-19	
		Sample Name	HAB-16-35-55		HAB-16-55-75		HAB-17-00-05		HAB-17-05-15		HAB-17-15-25		HAB-17-25-35		HAB-17-35-43		HAB-18-00-05		HAB-18-05-15		HAB-19-00-05	
		Date Collected	3/7/2008		3/7/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/6/2008		3/6/2008		3/6/2008	
		Depth	3.5-5.5		5.5-7.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.3		0.0-0.5		0.5-1.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	185		69.4		56.3		85.5		91.6		66.2		64.5		81.5		228		50.6	
Arsenic	7440-38-2	ppm-Al	5080		6680		2140		3380		3210		2450		3670		1950		5800		1460	
Barium	7440-39-3	ppm-Al	39900		15800		20500		24000		56300		36700		76500		26400		34100		10700	
Beryllium	7440-41-7	ppm-Al	73.8		66.4		70.4		72.7		73.3		88.2		81.3		70.6		69.6		82.3	
Cadmium	7440-43-9	ppm-Al	246		119		697		769		1310		1080		1220		563		1570		155	
Calcium	7440-70-2	ppm-Al	424000		275000		265000		720000		426000		421000		345000		639000		375000		345000	
Chromium	7440-47-3	ppm-Al	15200		14900		17700		22100		32400		27900		23500		14900		50300		6710	
Cobalt	7440-48-4	ppm-Al	769		881		824		1030		939		912		1430		941		778		1080	
Copper	7440-50-8	ppm-Al	38500		22800		38200		31200		59900		52800		47800		27500		67100		7370	
Iron	7439-89-6	ppm-Al	2200000		2100000		2130000		2260000		2310000		2270000		1910000		2290000		2230000		2710000	
Lead	7439-92-1	ppm-Al	47300		27200		28900		20300		37900		34300		27900		21400		52100		7060	
Magnesium	7439-95-4	ppm-Al	515000		477000		494000		642000		536000		531000		505000		608000		504000		579000	
Manganese	7439-96-5	ppm-Al	26100		23500		23400		34500		24700		23400		18800		34600		22700		59200	
Mercury	7439-97-6	ppm-Al	492		313		873		1110		2280		1980		1930		563		1710		190	
Nickel	7440-02-0	ppm-Al	3800		5720		3840		4460		5100		4920		5140		3270		3810		2120	
Potassium	7440-09-7	ppm-Al	190000		178000		191000		213000		179000		184000		176000		216000		184000		244000	
Selenium	7782-49-2	ppm-Al	638		269		352		248		458		419		393		160		335		88.6	
Silver	7440-22-4	ppm-Al	254		179		648		325		870		831		542		303		665		82.3	
Sodium	7440-23-5	ppm-Al	490000		449000		644000		662000		653000		630000		489000		634000		646000		582000	
Thallium	7440-28-0	ppm-Al	37.7		41		25.4		24.8		31.3		29.4		26.2		26.1		34.2		24.1	
Titanium	7440-32-6	ppm-Al	22400		20800		30900		30500		31800		31300		28000		30300		30700		30400	
Vanadium	7440-62-2	ppm-Al	3020		2740		3960		4590		4130		4070		4650		3610		4060		3320	
Zinc	7440-66-6	ppm-Al	42700		25700		39300		36400		62500		57700		51600		28200		61100		10800	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	VT-08-19		VT-08-19		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20	
		Sample Name	HAB-19-05-15		HAB-19-15-25		HAB-20-00-05		HAB-20-05-15		HAB-20-15-25		HAB-20-25-35		HAB-20-35-55		HAB-20-55-75		HAB-20-75-95		HAB-20-95-115	
		Date Collected	3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008	
		Depth	0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	6.6		8.8		133		108		99.3		220		179		276		312		326	
Arsenic	7440-38-2	ppm-Al	609		2100		3940		3340		3020		6870		7370		11800		16100		6290	
Barium	7440-39-3	ppm-Al	4000		8180		29600		30600		15400		34900		55400		53400		67200		68200	
Beryllium	7440-41-7	ppm-Al	71.9		85		71.1		73.3		72.8		73.3		70.5		78.9		78		81.5	
Cadmium	7440-43-9	ppm-Al	33.2		27.5		874		717		649		1480		750		1180		1230		667	
Calcium	7440-70-2	ppm-Al	203000		204000		581000		678000		503000		333000		478000		330000		292000		463000	
Chromium	7440-47-3	ppm-Al	2590		3600		24700		20300		21000		44500		29500		47100		40900		18000	
Cobalt	7440-48-4	ppm-Al	968		1230		896		925		821		807		808		783		801		867	
Copper	7440-50-8	ppm-Al	1080		1050		38300		34700		26200		65100		47100		73700		70900		52900	
Iron	7439-89-6	ppm-Al	4190000		4400000		2230000		2280000		2120000		2290000		2130000		2270000		2320000		2380000	
Lead	7439-92-1	ppm-Al	830		1000		24300		22700		19400		50900		37400		65800		57200		48800	
Magnesium	7439-95-4	ppm-Al	484000		510000		564000		589000		530000		499000		540000		479000		469000		509000	
Manganese	7439-96-5	ppm-Al	22100		24800		28700		32800		28900		23700		26000		21800		21500		27100	
Mercury	7439-97-6	ppm-Al	4.6		10.3		1410		1230		629		1250		1150		1490		1680		941	
Nickel	7440-02-0	ppm-Al	1740		2050		4130		3860		2850		3780		3370		3840		3440		3360	
Potassium	7440-09-7	ppm-Al	180000		198000		205000		215000		195000		195000		212000		196000		184000		199000	
Selenium	7782-49-2	ppm-Al	92.7		70		193		183		139		353		314		493		525		563	
Silver	7440-22-4	ppm-Al	5.5		6.3		400		358		318		600		449		625		553		341	
Sodium	7440-23-5	ppm-Al	492000		448000		599000		576000		474000		620000		494000		567000		542000		516000	
Thallium	7440-28-0	ppm-Al	12.6		13.3		25.2		25		21.9		32.7		28.8		40.1		41.1		40	
Titanium	7440-32-6	ppm-Al	27700		33800		31100		31400		26900		30500		29600		30000		30600		27800	
Vanadium	7440-62-2	ppm-Al	3890		4500		4790		4510		4170		3820		3120		3190		2870		3360	
Zinc	7440-66-6	ppm-Al	4900		4650		37100		32500		27700		54800		36900		53200		54000		44400	

Table B-3
Aluminum-Normalized Inorganics

		Location ID	VT-08-21		VT-08-21		VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22	
		Sample Name	HAB-21-00-05		HAB-21-05-15		HAB-22-00-05		HAB-22-05-15		HAB-22-15-25		HAB-22-25-35		HAB-22-35-55		HAB-22-55-75		HAB-22-75-95		HAB-22-95-107	
		Date Collected	3/6/2008		3/6/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.7	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Aluminum)																						
Aluminum	7429-90-5	ppm-Al	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Antimony	7440-36-0	ppm-Al	49.1		63.3		115		90.3		136		174		82.7		160		90.2		7.3	
Arsenic	7440-38-2	ppm-Al	938		1240		3520		4420		6090		6720		2730		6720		3230		779	
Barium	7440-39-3	ppm-Al	12700		18400		27800		17900		25700		34400		15300		29800		20700		2610	
Beryllium	7440-41-7	ppm-Al	70.5		71.7		70		76.4		74.1		79.7		70.7		76.4		68.9		62.5	
Cadmium	7440-43-9	ppm-Al	116		175		785		882		1200		1470		662		1420		787		30.8	
Calcium	7440-70-2	ppm-Al	621000		599000		954000		495000		323000		403000		285000		324000		244000		170000	
Chromium	7440-47-3	ppm-Al	6510		7800		22700		22800		39800		68000		20700		43900		20800		2410	
Cobalt	7440-48-4	ppm-Al	777		892		831		813		716		790		737		806		713		663	
Copper	7440-50-8	ppm-Al	12100		14600		33600		32600		60100		73200		27900		65400		36400		1610	
Iron	7439-89-6	ppm-Al	2210000		2450000		2100000		1960000		2060000		2170000		2090000		2180000		2080000		2200000	
Lead	7439-92-1	ppm-Al	11600		13800		24500		20300		39100		49300		21100		46300		28900		2230	
Magnesium	7439-95-4	ppm-Al	593000		646000		563000		545000		480000		546000		507000		503000		481000		484000	
Manganese	7439-96-5	ppm-Al	29900		38700		24600		26500		20400		23300		22900		21900		21800		25700	
Mercury	7439-97-6	ppm-Al	214		250		1190		1150		1380		1380		729		1370		574		31.7	
Nickel	7440-02-0	ppm-Al	2630		2830		3710		3250		3390		4000		2880		3900		2830		1680	
Potassium	7440-09-7	ppm-Al	234000		232000		212000		193000		186000		190000		179000		190000		184000		186000	
Selenium	7782-49-2	ppm-Al	134		91.7		262		236		352		449		241		410		320		115	
Silver	7440-22-4	ppm-Al	170		183		408		354		568		630		331		583		320		11.5	
Sodium	7440-23-5	ppm-Al	808000		788000		815000		515000		577000		655000		552000		615000		495000		364000	
Thallium	7440-28-0	ppm-Al	17		20.8		25.4		22.9		30.9		35.5		21.1		33.3		22.1		12.5	
Titanium	7440-32-6	ppm-Al	29000		31600		27600		24700		26400		26900		25100		28500		24400		22800	
Vanadium	7440-62-2	ppm-Al	3070		3510		4420		4380		4210		4100		4020		3940		3310		2340	
Zinc	7440-66-6	ppm-Al	19200		20200		41600		34200		49800		59700		30000		55000		30700		4870	

		Location ID	12A-0401-C1		12A-0401-C2		12A-0401-C2		12A-0402-C3		12A-0402-C4		12A-0402-C4		12A-0403-C1		12A-0403-C1		12A-0403-C3	
		Sample Name	12A-0401-C1AS		12A-0401-C2BS		12A-0401-C2CS		12A-0402-C3AS		12A-0402-C4BS		12A-0402-C4CS		12A-0403-C1BS		12A-0403-C1CS		12A-0403-C3AS	
		Date Collected	2/9/2012		2/9/2012		2/9/2012		2/8/2012		2/8/2012		2/8/2012		2/7/2012		2/7/2012		2/7/2012	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																				
Aluminum	7429-90-5	ppm-Fe	422000		443000		436000		245000		329000		396000		443000		438000		411000	
Antimony	7440-36-0	ppm-Fe	19.6		8.3		1.9		45.4		29.3		23.3		46.4		15.2		44.5	
Arsenic	7440-38-2	ppm-Fe	353		328		226		334		287		303		1670		745		746	
Barium	7440-39-3	ppm-Fe	3160		1210		963		3410		4050		4090		3060		1620		3880	
Beryllium	7440-41-7	ppm-Fe	20.5		20.6		21.1		19.9		18.6		21.3		22.6		19.1		20.4	
Cadmium	7440-43-9	ppm-Fe	93.3		10.4		3.8		135		107		122		56		8.4		150	
Calcium	7440-70-2	ppm-Fe	152000		127000		79400		270000		230000		205000		74600		71900		148000	
Chromium	7440-47-3	ppm-Fe	4050		1220		883		2890		3710		3620		6560		2540		7840	
Cobalt	7440-48-4	ppm-Fe	356		382		363		296		286		374		318		357		365	
Copper	7440-50-8	ppm-Fe	4880		1130		472		4280		5610		5850		9130		2910		7560	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	5840		2140		234		5830		7790		7740		9530		4050		8220	
Magnesium	7439-95-4	ppm-Fe	254000		218000		225000		240000		256000		237000		204000		207000		223000	
Manganese	7439-96-5	ppm-Fe	11000		20000		22600		16300		19200		22400		12200		16900		9340	
Mercury	7439-97-6	ppm-Fe			12.5		1.1				147		64.8		353		199			
Nickel	7440-02-0	ppm-Fe	1220		842		790		1050		1030		1330		1130		839		1470	
Potassium	7440-09-7	ppm-Fe	72200		78500		80400		60900		64300		52800		77600		77400		67600	
Selenium	7782-49-2	ppm-Fe	57.4		43.9		42.1		95.9		78.2		72.3		70		47.4		65.7	
Silver	7440-22-4	ppm-Fe	77		10		4.2		59.4		67		74.5		62.4		13.5		151	
Sodium	7440-23-5	ppm-Fe	235000		161000		146000		793000		602000		240000		181000		154000		178000	
Thallium	7440-28-0	ppm-Fe	6.5		4.1		3.5		11.1		5.8		6		6.6		3.9		8.5	
Titanium	7440-32-6	ppm-Fe	14800		11200		11900		11300		14300		13600		11400		11300		14800	
Vanadium	7440-62-2	ppm-Fe	1120		1100		1000		1000		1240		1190		1080		985		1320	
Zinc	7440-66-6	ppm-Fe	13100		3070		2220		18100		22100		18900		11700		5070		16500	

		Location ID	12A-0404-C3		12A-0404-C3		12A-0404-C3		12A-0405-C2		12A-0405-C2		12A-0405-C3		12A-0406-C2		12A-0406-C2		12A-0406-C3	
		Sample Name	12A-0404-C3AS		12A-0404-C3BS		12A-0404-C3CS		12A-0405-C2BS		12A-0405-C2CS		12A-0405-C3AS		12A-0406-C2BS		12A-0406-C2CS		12A-0406-C3AS	
		Date Collected	2/1/2012		2/1/2012		2/1/2012		2/1/2012		2/1/2012		2/1/2012		1/28/2012		1/28/2012		1/28/2012	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																				
Aluminum	7429-90-5	ppm-Fe	410000		426000		439000		415000		440000		313000		491000		534000		387000	
Antimony	7440-36-0	ppm-Fe	25		42.9		19.3		27.5		23.3		62.9		20.6		25		34.2	
Arsenic	7440-38-2	ppm-Fe	344		1200		1350		269		267		438		332		408		354	
Barium	7440-39-3	ppm-Fe	3060		4790		1650		4700		4570		3610		7490		8920		7240	
Beryllium	7440-41-7	ppm-Fe	20.2		21.7		20.2		19.1		22.5		21.5		22.1		28.2		20.7	
Cadmium	7440-43-9	ppm-Fe	106		209		17		95.5		117		163		251		390		135	
Calcium	7440-70-2	ppm-Fe	169000		111000		68500		191000		174000		301000		216000		221000		221000	
Chromium	7440-47-3	ppm-Fe	4350		16500		2900		3520		3950		3350		7060		11600		3790	
Cobalt	7440-48-4	ppm-Fe	324		345		344		299		286		340		466		563		362	
Copper	7440-50-8	ppm-Fe	5500		11200		4260		5610		5910		4580		9100		12300		6580	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	6620		10900		5570		7270		7620		10400		15900		21700		11400	
Magnesium	7439-95-4	ppm-Fe	242000		206000		209000		226000		224000		263000		233000		220000		228000	
Manganese	7439-96-5	ppm-Fe	9420		10400		13000		22200		21200		20000		20300		20000		20600	
Mercury	7439-97-6	ppm-Fe							58.8		65				148		297			
Nickel	7440-02-0	ppm-Fe	1130		1410		1030		973		1060		1390		2050		3030		1200	
Potassium	7440-09-7	ppm-Fe	69400		73900		77700		57000		58500		72300		57300		53100		56600	
Selenium	7782-49-2	ppm-Fe	64.7		162		59		75.8		70		117		75.3		90.3		74.6	
Silver	7440-22-4	ppm-Fe	95.7		157		22.9		75.5		102		54.9		215		282		75.4	
Sodium	7440-23-5	ppm-Fe	206000		177000		166000		271000		262000		761000		211000		216000		237000	
Thallium	7440-28-0	ppm-Fe	6.8		9.4		4.9		5.2		5.4		8.8		8		11.1		7.6	
Titanium	7440-32-6	ppm-Fe	15500		12200		11200		13900		13000		13200		13500		14000		13500	
Vanadium	7440-62-2	ppm-Fe	939		445		879		912		824		1370		692		704		899	
Zinc	7440-66-6	ppm-Fe	15800		20000		7310		17800		17700		16800		29300		38600		19400	

		Location ID	12A-0407-C2		12A-0407-C3		12A-0407-C3		12A-0408-C1		12A-0408-C3		12A-0408-C3		12A-0409-C7		12A-0409-C7		12A-0409-C8	
		Sample Name	12A-0407-C2AS		12A-0407-C3BS		12A-0407-C3CS		12A-0408-C1AS		12A-0408-C3BS		12A-0408-C3CS		12A-0409-C7BS		12A-0409-C7CS		12A-0409-C8AS	
		Date Collected	1/26/2012		1/26/2012		1/26/2012		2/3/2012		2/3/2012		2/3/2012		2/6/2012		2/6/2012		2/6/2012	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																				
Aluminum	7429-90-5	ppm-Fe	399000		417000		419000		431000		514000		461000		358000		314000		355000	
Antimony	7440-36-0	ppm-Fe	24		21.4		27.5		58.6		41.7		49		24.8		36.8		31.6	
Arsenic	7440-38-2	ppm-Fe	277		324		1200		474		1140		1450		304		329		322	
Barium	7440-39-3	ppm-Fe	3950		3570		3200		6380		7280		7170		4180		4270		4340	
Beryllium	7440-41-7	ppm-Fe	20.3		23		22.4		32.3		30.1		26.4		19.4		16.1		17.8	
Cadmium	7440-43-9	ppm-Fe	97		102		27.9		1270		471		500		112		183		116	
Calcium	7440-70-2	ppm-Fe	201000		172000		89400		291000		238000		252000		191000		214000		190000	
Chromium	7440-47-3	ppm-Fe	3590		3670		5560		8060		21000		24500		3500		3550		3540	
Cobalt	7440-48-4	ppm-Fe	285		325		314		487		465		411		276		252		297	
Copper	7440-50-8	ppm-Fe	5320		5190		7240		10200		13400		13000		5670		5470		5370	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	7180		6820		9160		21000		17000		13100		7800		8860		7500	
Magnesium	7439-95-4	ppm-Fe	229000		234000		193000		235000		235000		230000		217000		205000		218000	
Manganese	7439-96-5	ppm-Fe	17300		13100		13300		15100		13100		12300		20500		19700		18600	
Mercury	7439-97-6	ppm-Fe			73.9		302				347		414		69.1		56			
Nickel	7440-02-0	ppm-Fe	1040		1120		981		1990		2390		1990		989		912		956	
Potassium	7440-09-7	ppm-Fe	56100		61500		63700		61600		71000		72500		52100		49200		54800	
Selenium	7782-49-2	ppm-Fe	46.5		49.5		40.4		86.2		112		89		60.3		61.9		66.2	
Silver	7440-22-4	ppm-Fe	88		90.8		77.3		191		252		241		73.8		67.8		68	
Sodium	7440-23-5	ppm-Fe	214000		188000		138000		287000		278000		262000		207000		214000		263000	
Thallium	7440-28-0	ppm-Fe	5.8		7		6.1		11.7		15.1		12.8		6.2		5.9		6.6	
Titanium	7440-32-6	ppm-Fe	15000		14400		10300		15600		14700		12800		13900		13500		14300	
Vanadium	7440-62-2	ppm-Fe	1190		1210		1070		1630		2290		2210		862		805		904	
Zinc	7440-66-6	ppm-Fe	17700		16100		11300		29100		34700		29300		19300		21200		20600	

Table B-4
Iron-Normalized Inorganics

		Location ID	12A-0410-C2		12A-0410-C2		12A-0410-C3		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001	
		Sample Name	12A-0410-C2BS		12A-0410-C2CS		12A-0410-C3AS		08A-001-C1_(11.5-13.5)_N		08A-001-C1_(13.5-15.5)_N		08A-001-C1_(15.5-17.5)_N		08A-001-C1_(5.5-7.5)_N		08A-001-C1_(7.5-9.5)_N		08A-001-C1_(9.5-11.5)_N		08A-001-C2_(0.5-1.5)_N	
		Date Collected	2/6/2012		2/6/2012		2/6/2012		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008	
		Depth	0.5-1.5		1.5-2.5		0.0-0.5		11.5-13.5		13.5-15.5		15.5-17.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	394000		463000		345000		414000		410000		436000		420000		424000		411000		409000	
Antimony	7440-36-0	ppm-Fe	57.4		49.4		27.8		18.2		15.5		23		14.5		13.9		15		14.5	
Arsenic	7440-38-2	ppm-Fe	825		1300		273		454		445		456		414		401		518		375	
Barium	7440-39-3	ppm-Fe	5690		6020		3120		3580		3690		4360		3030		3060		3440		2700	
Beryllium	7440-41-7	ppm-Fe	23.3		23.1		19		23.5		24.7		26		24.2		24.2		28.1		24.9	
Cadmium	7440-43-9	ppm-Fe	278		378		110		85.5		106		122		58.5		68.5		91.4		49.1	
Calcium	7440-70-2	ppm-Fe	536000		278000		285000		209000		250000		332000		180000		173000		222000		182000	
Chromium	7440-47-3	ppm-Fe	15900		22200		3740		5190		5870		6110		4680		4750		6530		4150	
Cobalt	7440-48-4	ppm-Fe	504		368		382		358		369		392		357		353		417		366	
Copper	7440-50-8	ppm-Fe	12600		11600		6010		5060		5330		5640		4110		4420		5860		4030	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	33400		11200		10600		5860		5800		5950		4800		5070		6410		4690	
Magnesium	7439-95-4	ppm-Fe	203000		235000		187000		265000		277000		274000		250000		248000		268000		282000	
Manganese	7439-96-5	ppm-Fe	12100		12700		12100		17300		17400		16800		19200		18200		15200		16200	
Mercury	7439-97-6	ppm-Fe	232		357				95.4		104		143		78.4		79.8		101			
Nickel	7440-02-0	ppm-Fe	2540		1790		1410		1300		1420		1210		1070		1100		1400		1400	
Potassium	7440-09-7	ppm-Fe	59000		73800		55800		79000		80400		84500		78700		79200		83400		83000	
Selenium	7782-49-2	ppm-Fe	72.8		77.1		41.1		43.2		34.7		30.4		33.9		32.6		36.8		28.4	
Silver	7440-22-4	ppm-Fe	198		202		112		122		127		135		99.7		101		112		77.6	
Sodium	7440-23-5	ppm-Fe	213000		215000		178000		216000		200000		158000		220000		214000		213000		315000	
Thallium	7440-28-0	ppm-Fe	9.8		11.2		5.8		7.6		8		8.6		6.6		6.9		8.8		6.5	
Titanium	7440-32-6	ppm-Fe	12300		12000		10300		10200		9970		10900		9560		9470		10300		9770	
Vanadium	7440-62-2	ppm-Fe	1620		2100		925		1270		1210		1240		1170		1160		1360		1140	
Zinc	7440-66-6	ppm-Fe	28300		26700		14800		8860		9210		9190		7270		8070		7940		7390	

		Location ID	2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-002		2008 CLRC-002		2008 CLRC-002		2008 CLRC-002		2008 CLRC-002		2008 CLRC-002	
		Sample Name	08A-001-C2_(0-0.5)_N		08A-001-C2_(1.5-2.5)_N		08A-001-C2_(2.5-3.5)_N		08A-001-C2_(3.5-5.5)_N		08A-002-C1_(0.5-1.5)_N		08A-002-C1_(2.5-3.5)_N		08A-002-C1_(3.5-5.5)_N		08A-002-C1_(5.5-6.75)_N		08A-002-C1_(6.75-8)_N		08A-002-C2_(0-0.5)_N	
		Date Collected	11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008	
		Depth	0.0-0.5		1.5-2.5		2.5-3.5		3.5-5.5		0.5-1.5		2.5-3.5		3.5-5.5		5.5-6.8		6.8-8.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	420000		419000		423000		415000		520000		557000		527000		431000		425000		466000	
Antimony	7440-36-0	ppm-Fe	11.5		13.9		16		15.2		74		6.8	U	4.9		6.2		9.5		50.7	
Arsenic	7440-38-2	ppm-Fe	343		434		405		409		2210		227		58.8		149		176		2510	
Barium	7440-39-3	ppm-Fe	2690		3130		3050		2980		4530		1620		1290		1370		2230		4030	
Beryllium	7440-41-7	ppm-Fe	23.8		23.8		22.9		23.9		24.3		22.4		31.8		32.1		27.7		24.2	
Cadmium	7440-43-9	ppm-Fe	42		64.3		68		63.7		37.8		3.2		2.2		2.9		3.4		46.2	
Calcium	7440-70-2	ppm-Fe	194000		182000		196000		187000		96600		49500		51100		79000		94700		183000	
Chromium	7440-47-3	ppm-Fe	3700		5430		4590		4940		7160		1020		1220		1320		943		7040	
Cobalt	7440-48-4	ppm-Fe	352		357		363		345		361		378		346		437		410		367	
Copper	7440-50-8	ppm-Fe	3580		4480		4530		4360		11200		774		658		728		642		8790	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	4200		5130		5380		5030		12100		752		324		415		425		9820	
Magnesium	7439-95-4	ppm-Fe	281000		277000		276000		251000		206000		202000		210000		227000		212000		210000	
Manganese	7439-96-5	ppm-Fe	14600		18100		20300		19300		10100		9920		9460		10100		13100		10200	
Mercury	7439-97-6	ppm-Fe									294		10.3		0.39		0.49		0.42			
Nickel	7440-02-0	ppm-Fe	1000		1270		1470		1060		1300		816		855		993		810		1660	
Potassium	7440-09-7	ppm-Fe	87900		81100		79200		81000		83100		100000		78500		72800		102000		91500	
Selenium	7782-49-2	ppm-Fe	29.6		38.3		33.2		35.1		50.7		136	U	118	U	137	U	163	U	53.8	
Silver	7440-22-4	ppm-Fe	55.9		93.2		109		98.5		58.4		2.7	U	2.3	U	2.9	U	3.1	U	54.7	
Sodium	7440-23-5	ppm-Fe	364000		263000		251000		255000		272000		155000		119000		123000		145000		299000	
Thallium	7440-28-0	ppm-Fe	6.3		6.9		6.9		6.6		10		4.2		3.8		4		4.1		13.2	
Titanium	7440-32-6	ppm-Fe	10200		10000		10500		10100		12800		28900		27400		28100		27400		15000	
Vanadium	7440-62-2	ppm-Fe	1090		1110		1160		1120		1190		1240		1950		2240		1760		1090	
Zinc	7440-66-6	ppm-Fe	7310		7940		8580		8330		14500		2740		2350		2350		2250		12600	

		Location ID	2008 CLRC-002		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003	
		Sample Name	08A-002-C2_(1.5-2.5)_N		08A-003-C1_(0.5-1.5)_N		08A-003-C1_(1.5-2.5)_N		08A-003-C1_(10.75-12)_N		08A-003-C1_(3.5-5.5)_N		08A-003-C1_(5.5-7.5)_N		08A-003-C1_(7.5-9.5)_N		08A-003-C1_(9.5-10.75)_N		08A-003-C2_(0-0.5)_N		08A-003-C2_(2.5-3.5)_N	
		Date Collected	11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008	
		Depth	1.5-2.5		0.5-1.5		1.5-2.5		10.8-12.0		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.8		0.0-0.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	506000		511000		452000		684000		516000		436000		611000		759000		485000		449000	
Antimony	7440-36-0	ppm-Fe	88.4		55.7		100		10.3	U	41.5		4.8		5.4	U	8.6	U	18.1		54.8	
Arsenic	7440-38-2	ppm-Fe	1500		735		1910		86.2		1460		360		206		71.2		397		2240	
Barium	7440-39-3	ppm-Fe	3270		7380		7710		1100		2670		1290		1250		1440		4080		5220	
Beryllium	7440-41-7	ppm-Fe	23.5		27		24.9		34.8		24.6		22.1		21.4		25.2		23.9		22.6	
Cadmium	7440-43-9	ppm-Fe	23.7		87.7		68.5		3.1		15.9		4.3		3.4		3.4		77.2		50.8	
Calcium	7440-70-2	ppm-Fe	221000		201000		148000		80900		138000		62400		49800		35300		199000		118000	
Chromium	7440-47-3	ppm-Fe	3730		8640		10400		1230		3580		880		961		1240		5490		9240	
Cobalt	7440-48-4	ppm-Fe	397		379		360		693		370		379		343		470		357		375	
Copper	7440-50-8	ppm-Fe	5960		5830		9790		962		5310		548		471		786		4680		9240	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	8010		7610		13000		407		7670		928		398		412		5490		9870	
Magnesium	7439-95-4	ppm-Fe	196000		253000		219000		278000		206000		190000		202000		245000		268000		215000	
Manganese	7439-96-5	ppm-Fe	10100		14700		11800		10800		12900		18500		16500		11400		12200		13400	
Mercury	7439-97-6	ppm-Fe			119		209		0.27		220		5.2		1.2		0.82					
Nickel	7440-02-0	ppm-Fe	1160		1170		1480		1410		1150		731		762		1150		1220		1590	
Potassium	7440-09-7	ppm-Fe	88400		99000		86300		92400		91500		90400		93900		115000		90700		76700	
Selenium	7782-49-2	ppm-Fe	68.5	U	61.5		89		207	U	31		88	U	109	U	157	U	42.2		73.1	
Silver	7440-22-4	ppm-Fe	31.8		69.6		70.5		4.1	U	30.9		1.8	U	2.3	U	3.3	U	84.8		61.5	
Sodium	7440-23-5	ppm-Fe	198000		234000		228000		153000		185000		134000		122000		99700		324000		204000	
Thallium	7440-28-0	ppm-Fe	7.9		10		17.9		4.3		6.8		4.4		4.3		5.1		7.7		18.9	
Titanium	7440-32-6	ppm-Fe	18300		13800		12300		44000		13000		16200		27400		36500		15600		11800	
Vanadium	7440-62-2	ppm-Fe	1120		1280		1230		1530		1150		1040		1180		1480		1160		1180	
Zinc	7440-66-6	ppm-Fe	10300		12900		17600		2860		8330		2270		2020		2590		10300		13200	

		Location ID	2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004	
		Sample Name	08A-004-C1_(1.5-2.5)_N		08A-004-C1_(11.5-13.5)_N		08A-004-C1_(13.5-15.5)_N		08A-004-C1_(15.5-17.5)_N		08A-004-C1_(15.5-17.5)_N		08A-004-C1_(17.5-19.1)_N		08A-004-C1_(3.5-5.5)_N		08A-004-C1_(5.5-7.5)_N		08A-004-C1_(7.5-9.5)_N		08A-004-C1_(9.5-11.5)_N	
		Date Collected	11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008	
		Depth	1.5-2.5		11.5-13.5		13.5-15.5		15.5-17.5		15.5-17.5		17.5-19.1		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	407000		370000		393000				395000		401000		436000		430000		440000		447000	
Antimony	7440-36-0	ppm-Fe	14.2		16.9		15.5				18.5		35.7		14.9		18.1		15.2		16.5	
Arsenic	7440-38-2	ppm-Fe	342		497		494				524		714		387		441		354		397	
Barium	7440-39-3	ppm-Fe	2870		4820		4830				5540		7750		3200		3630		3420		3970	
Beryllium	7440-41-7	ppm-Fe	22.4		22.2		21.8				22.1		18.5		21.4		24.5		22.5		22.8	
Cadmium	7440-43-9	ppm-Fe	47.5		135		148				239		357		64.9		91.3		89.3		123	
Calcium	7440-70-2	ppm-Fe	249000		282000		207000				211000		237000		194000		216000		310000		341000	
Chromium	7440-47-3	ppm-Fe	3690		6270		6810				9390		18600		4640		5820		4430		5210	
Cobalt	7440-48-4	ppm-Fe	327		328		316				346		310		334		365		345		344	
Copper	7440-50-8	ppm-Fe	3660		6040		6780				8800		9310		4230		5260		4230		4970	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000				1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	3890		6300		7260				9930		14500		4340		5050		4050		4740	
Magnesium	7439-95-4	ppm-Fe	274000		241000		225000				226000		220000		273000		261000		271000		271000	
Manganese	7439-96-5	ppm-Fe	16100		16100		15400				13700		12800		18400		15500		17000		16600	
Mercury	7439-97-6	ppm-Fe	72.3		143		164		302				470		82.3		93		102		168	
Nickel	7440-02-0	ppm-Fe	1020		1200		1160				1550		1640		1240		1180		991		1040	
Potassium	7440-09-7	ppm-Fe	83500		79600		76800				75400		69800		84000		84200		88400		91800	
Selenium	7782-49-2	ppm-Fe	26.5		38.5		36.7				41		44		30.4		36.5		26.8		26.5	
Silver	7440-22-4	ppm-Fe	84.7		156		192				186		238		109		126		111		137	
Sodium	7440-23-5	ppm-Fe	286000		193000		201000				199000		202000		229000		214000		167000		162000	
Thallium	7440-28-0	ppm-Fe	6		8.8		9.2				9.5		8.9		6.3		7.8		7		8.1	
Titanium	7440-32-6	ppm-Fe	11700		12600		12100				12700		12000		11800		12200		12700		13200	
Vanadium	7440-62-2	ppm-Fe	1000		1120		1190				1290		1320		1040		1150		1020		1070	
Zinc	7440-66-6	ppm-Fe	7350		10800		11700				17600		28800		7620		8490		7410		8790	

		Location ID	2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005	
		Sample Name	08A-004-C2_(0.5-1.5)_N		08A-004-C2_(0-0.5)_N		08A-004-C2_(2.5-3.5)_N		08A-005-C1_(1.5-2.5)_N		08A-005-C1_(3.5-5.5)_N		08A-005-C1_(5.5-7.5)_N		08A-005-C1_(7.5-9.5)_N		08A-005-C1_(9.5-11.5)_N		08A-005-C2_(0.5-1.5)_N		08A-005-C2_(0-0.5)_N	
		Date Collected	11/25/2008		11/25/2008		11/25/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008	
		Depth	0.5-1.5		0.0-0.5		2.5-3.5		1.5-2.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	417000		413000		427000		474000		491000		478000		486000		528000		424000		399000	
Antimony	7440-36-0	ppm-Fe	15.2		16		15.5		25.3		17.4		17.2		21.2		39.6		35.6		26.7	
Arsenic	7440-38-2	ppm-Fe	343		420		396		311		327		377		435		635		258		258	
Barium	7440-39-3	ppm-Fe	2790		2660		3630		4580		4770		4480		5690		6600		5430		4030	
Beryllium	7440-41-7	ppm-Fe	21.7		25.9		21.6		23.1		23.6		23.9		25.1		26.5		20.5		19.2	
Cadmium	7440-43-9	ppm-Fe	48.6		52.9		83.9		96.5		111		92.9		175		399		125		71.7	
Calcium	7440-70-2	ppm-Fe	178000		172000		293000		193000		227000		211000		291000		260000		192000		205000	
Chromium	7440-47-3	ppm-Fe	3700		4160		5310		3690		4450		4550		6750		13300		3380		2890	
Cobalt	7440-48-4	ppm-Fe	315		379		332		346		374		357		396		403		323		299	
Copper	7440-50-8	ppm-Fe	3590		4100		4820		5000		5480		4930		6630		9930		5190		3840	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	3900		3580		4770		6920		7370		6460		8780		15900		7830		5440	
Magnesium	7439-95-4	ppm-Fe	262000		262000		262000		230000		260000		258000		262000		241000		201000		241000	
Manganese	7439-96-5	ppm-Fe	17100		15100		15500		20000		19600		18500		17100		14600		23500		18600	
Mercury	7439-97-6	ppm-Fe							76		96.1		108		196		427					
Nickel	7440-02-0	ppm-Fe	903		1080		1070		1080		1320		1130		1500		1850		1010		877	
Potassium	7440-09-7	ppm-Fe	82600		80500		83400		67300		76200		79100		84700		79500		45400		73900	
Selenium	7782-49-2	ppm-Fe	33.1		34.1		28.5		44.9		42.7		52.2		51		62.5		41.5		34.6	
Silver	7440-22-4	ppm-Fe	71		65.2		128		82.1		111		113		145		232		83.4		64.8	
Sodium	7440-23-5	ppm-Fe	290000		309000		212000		222000		291000		271000		246000		228000		200000		355000	
Thallium	7440-28-0	ppm-Fe	5.7		6.9		6.9		6.4		7.3		7.2		9.4		11.4		6		5.4	
Titanium	7440-32-6	ppm-Fe	11600		11400		11600		14800		14800		13400		15200		15500		15500		14300	
Vanadium	7440-62-2	ppm-Fe	956		1140		1060		1150		1190		1150		1310		1670		1100		950	
Zinc	7440-66-6	ppm-Fe	7430		7240		8390		13800		13300		10600		13500		23600		16900		11900	

		Location ID	2008 CLRC-005		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006	
		Sample Name	08A-005-C2_(2.5-3.5)_N		08A-006-C1_(11.5-13.5)_N		08A-006-C1_(13.5-15.5)_N		08A-006-C1_(15.5-16.9)_N		08A-006-C1_(3.5-5.5)_N		08A-006-C1_(5.5-7.5)_N		08A-006-C1_(7.5-9.5)_N		08A-006-C1_(9.5-11.5)_N		08A-006-C2_(0.5-1.5)_N		08A-006-C2_(0-0.5)_N	
		Date Collected	11/12/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008	
		Depth	2.5-3.5		11.5-13.5		13.5-15.5		15.5-16.9		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	426000		394000		389000		392000		400000		394000		394000		384000		414000		433000	
Antimony	7440-36-0	ppm-Fe	34.3		4.8		2.7		4.1		3.2		3.1		5.3		4.7		18.1		26.8	
Arsenic	7440-38-2	ppm-Fe	252		252		250		245		235		235		279		280		314		313	
Barium	7440-39-3	ppm-Fe	4950		1160		1120		1340		1130		1120		1890		1360		3600		3420	
Beryllium	7440-41-7	ppm-Fe	21.2		20.6		22.4		19.4		21.1		19.2		22.1		24.9		20.6		21.7	
Cadmium	7440-43-9	ppm-Fe	107		9.4		8.6		12.4		7.8		8.2		37.9		12.3		89.7		105	
Calcium	7440-70-2	ppm-Fe	178000		83800		76800		81600		84800		80100		101000		93800		152000		152000	
Chromium	7440-47-3	ppm-Fe	3220		1090		1130		1210		968		991		1720		1090		3930		3730	
Cobalt	7440-48-4	ppm-Fe	319		326		330		311		329		306		341		352		283		315	
Copper	7440-50-8	ppm-Fe	5140		671		518		663		521		487		1180		803		4380		4820	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	7420		576		522		745		525		735		1380		715		5710		6480	
Magnesium	7439-95-4	ppm-Fe	218000		211000		211000		206000		212000		215000		209000		213000		245000		250000	
Manganese	7439-96-5	ppm-Fe	21400		18800		21900		18100		17100		18300		16600		17600		11500		9470	
Mercury	7439-97-6	ppm-Fe			5.5		1.7		14.3		3.7		3.2		20.8		12.9		72.8			
Nickel	7440-02-0	ppm-Fe	997		700		719		668		710		668		783		772		988		1030	
Potassium	7440-09-7	ppm-Fe	56200		79500		80400		76500		83900		82700		78800		78200		81300		79900	
Selenium	7782-49-2	ppm-Fe	48.6		47.6	U	49.1	U	51	U	41.5	U	48.7	U	48.7	U	51.8	U	33.2		42.3	
Silver	7440-22-4	ppm-Fe	98.2		5.1		2.6		9.6		4.6		3.5		18.2		7.9		98.5		108	
Sodium	7440-23-5	ppm-Fe	265000		114000		107000		95900		157000		124000		115000		126000		218000		282000	
Thallium	7440-28-0	ppm-Fe	6.1		3.9		3.7		3.5		3.8		3.5		4.6		4.2		6.6		6.7	
Titanium	7440-32-6	ppm-Fe	15900		12800		12300		13400		12900		13100		12600		13100		14300		15500	
Vanadium	7440-62-2	ppm-Fe	1070		943		1020		888		995		894		996		1030		931		1040	
Zinc	7440-66-6	ppm-Fe	16700		2480		2220		2900		2410		2300		3730		2670		11800		13800	

Table B-4
Iron-Normalized Inorganics

		Location ID	2008 CLRC-006		2008 CLRC-006		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007	
		Sample Name	08A-006-C2_(1.5-2.5)_N		08A-006-C2_(2.5-3.5)_N		08A-007-C1_(0-0.5)_N		08A-007-C1_(1.5-2.5)_N		08A-007-C1_(2.5-3.5)_N		08A-007-C2_(0.5-1.5)_N		08A-007-C2_(11.5-13.5)_N		08A-007-C2_(13.5-15.5)_N		08A-007-C2_(15.5-17.5)_N		08A-007-C2_(17.5-19.1)_N	
		Date Collected	11/18/2008		11/18/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		1.5-2.5		2.5-3.5		0.5-1.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.1	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	416000		420000		423000		404000		409000		407000		355000		370000		318000		262000	
Antimony	7440-36-0	ppm-Fe	16.7		12.6		17.4		11.9		14.2		12.6		3.4	U	3.4	U	3.8	U	5.7	U
Arsenic	7440-38-2	ppm-Fe	332		348		328		334		351		358		205		213		296		267	
Barium	7440-39-3	ppm-Fe	3840		3400		3390		3650		3580		3540		1070		1120		1450		1430	
Beryllium	7440-41-7	ppm-Fe	21		22.7		24.2		20.5		22.3		22.3		19.1		20.1		20.6		22.3	
Cadmium	7440-43-9	ppm-Fe	107		98.6		90.2		109		114		104		4.7		6.2		14.7		2.7	
Calcium	7440-70-2	ppm-Fe	168000		155000		149000		152000		155000		198000		66200		77000		71100		38700	
Chromium	7440-47-3	ppm-Fe	4660		4370		4150		4740		5140		4910		795		904		1210		557	
Cobalt	7440-48-4	ppm-Fe	299		328		349		303		328		332		355		338		350		420	
Copper	7440-50-8	ppm-Fe	5030		4440		4830		4980		4970		5050		335		434		711		247	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	6240		5260		5920		5990		5740		6250		329		425		736		252	
Magnesium	7439-95-4	ppm-Fe	248000		244000		248000		243000		243000		244000		194000		207000		181000		137000	
Manganese	7439-96-5	ppm-Fe	12100		14000		9700		11700		13300		11200		18600		16700		19100		15800	
Mercury	7439-97-6	ppm-Fe			84								90.5		3.3		8.6		3.4		0.3	
Nickel	7440-02-0	ppm-Fe	1050		1120		1180		1050		1140		1160		637		674		698		578	
Potassium	7440-09-7	ppm-Fe	81500		82300		80400		80500		81400		80400		70500		70200		64800		46700	
Selenium	7782-49-2	ppm-Fe	33.6		34.1		34		30.4		30.4		31.6		75.3	U	61.8	U	69.2	U	114	U
Silver	7440-22-4	ppm-Fe	110		86		99.2		112		113		111		3.2		4.4		5		5.8	
Sodium	7440-23-5	ppm-Fe	211000		210000		242000		213000		214000		235000		99300		101000		100000		67300	
Thallium	7440-28-0	ppm-Fe	7.1		6.9		7.1		6.9		7.5		7.3		3.7		3.6		3.8		2.7	
Titanium	7440-32-6	ppm-Fe	13200		12900		14900		13000		13400		13500		13200		12900		12900		11300	
Vanadium	7440-62-2	ppm-Fe	985		1040		1130		982		1040		1070		925		927		1210		971	
Zinc	7440-66-6	ppm-Fe	11700		9760		11400		10700		10600		10700		2080		2290		2280		1740	

		Location ID	2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008	
		Sample Name	08A-007-C2_(3.5-5.5)_N		08A-007-C2_(5.5-7.5)_N		08A-007-C2_(7.5-9.5)_N		08A-007-C2_(9.5-11.5)_N		08A-008-C1_(0.5-1.5)_N		08A-008-C1_(11.5-13.5)_N		08A-008-C1_(13.5-15.5)_N		08A-008-C1_(5.5-7.5)_N		08A-008-C1_(7.5-9.5)_N		08A-008-C1_(9.5-11.5)_N	
		Date Collected	11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		11.5-13.5		13.5-15.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	373000		382000		390000		390000		407000		441000		389000		429000		427000		434000	
Antimony	7440-36-0	ppm-Fe	2.4	U	2.4	U	1.8		3.3	U	16.1		66.2		400		32.1		27.8		22.4	
Arsenic	7440-38-2	ppm-Fe	213		244		259		257		280		588		2490		369		360		402	
Barium	7440-39-3	ppm-Fe	1040		1090		1240		1210		3730		5380		11500		4020		4090		4690	
Beryllium	7440-41-7	ppm-Fe	19.4		19.9		19.8		21.1		19.8		23.4		25.8		21.8		21.8		22	
Cadmium	7440-43-9	ppm-Fe	4.9		8.9		12.5		17.7		64.6		213		446		102		92.1		130	
Calcium	7440-70-2	ppm-Fe	90800		98100		83200		79800		192000		199000		537000		218000		243000		305000	
Chromium	7440-47-3	ppm-Fe	803		995		1200		1420		3170		8880		15400		4470		4390		5280	
Cobalt	7440-48-4	ppm-Fe	302		329		323		357		309		374		1030		329		336		342	
Copper	7440-50-8	ppm-Fe	370		535		714		918		3980		9030		16400		4990		4710		5440	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	351		549		686		929		5250		11800		39600		6280		5760		6010	
Magnesium	7439-95-4	ppm-Fe	215000		210000		213000		208000		240000		206000		215000		231000		237000		233000	
Manganese	7439-96-5	ppm-Fe	19400		19500		18600		16800		16600		15100		12700		16000		15900		16300	
Mercury	7439-97-6	ppm-Fe	1.2		4.9		10.3		7.4		55.3		195		306		80.9		87.1		165	
Nickel	7440-02-0	ppm-Fe	639		695		705		781		919		1460		2880		1130		1020		1070	
Potassium	7440-09-7	ppm-Fe	82700		78400		81800		80300		78000		87600		67700		118000		119000		109000	
Selenium	7782-49-2	ppm-Fe	44.2	U	51.6	U	45.5	U	65.6	U	28		50		105		27		26.3		29.7	
Silver	7440-22-4	ppm-Fe	3.6		6.2		8.6		9.8		59.6		230		358		137		116		133	
Sodium	7440-23-5	ppm-Fe	142000		120000		114000		109000		317000		222000		192000		265000		237000		209000	
Thallium	7440-28-0	ppm-Fe	3.3		3.6		3.7		4.2		5.8		9.5		10.4		6.6		6.8		7.9	
Titanium	7440-32-6	ppm-Fe	12300		12700		13300		13400		13600		13400		15100		13000		14100		13900	
Vanadium	7440-62-2	ppm-Fe	928		981		936		995		994		1680		2340		1120		1070		1070	
Zinc	7440-66-6	ppm-Fe	2050		2330		2710		2730		11200		17300		35800		10100		10500		11200	

Table B-4
Iron-Normalized Inorganics

		Location ID	2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009	
		Sample Name	08A-008-C2_(0-0.5)_N		08A-008-C2_(1.5-2.5)_N		08A-008-C2_(2.5-3.5)_N		08A-008-C2_(3.5-5.5)_N		08A-009-C1_(0.5-1.5)_N		08A-009-C1_(0-0.5)_N		08A-009-C1_(2.5-3.5)_N		08A-009-C3_(1.5-2.5)_N		08A-009-C3_(11.5-12.6)_N		08A-009-C3_(3.5-5.5)_N	
		Date Collected	11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008	
		Depth	0.0-0.5		1.5-2.5		2.5-3.5		3.5-5.5		0.5-1.5		0.0-0.5		2.5-3.5		1.5-2.5		11.5-12.6		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	401000		407000		432000		431000		482000		500000		545000		512000		614000		520000	
Antimony	7440-36-0	ppm-Fe	26		18.6		15.3		18.3		39.2		46.9		33		30.7		64.1		27.1	
Arsenic	7440-38-2	ppm-Fe	260		299		257		313		319		315		360		333		610		376	
Barium	7440-39-3	ppm-Fe	3720		3500		3540		3920		4880		4510		5250		4610		8260		4410	
Beryllium	7440-41-7	ppm-Fe	19.6		21.6		22		20.3		24.5		23.9		26.4		25.4		27.5		23.4	
Cadmium	7440-43-9	ppm-Fe	64.4		63.6		58		73		131		113		172		146		521		128	
Calcium	7440-70-2	ppm-Fe	211000		230000		233000		208000		181000		197000		178000		191000		239000		185000	
Chromium	7440-47-3	ppm-Fe	2840		3470		3200		3730		3650		3640		5190		4670		14600		4670	
Cobalt	7440-48-4	ppm-Fe	297		308		291		314		359		364		380		372		568		373	
Copper	7440-50-8	ppm-Fe	3690		4010		3640		4240		5750		6260		7100		6370		14700		5950	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	5100		5080		4170		5510		9440		8360		11400		9520		20900		8630	
Magnesium	7439-95-4	ppm-Fe	254000		255000		260000		246000		226000		245000		240000		236000		234000		235000	
Manganese	7439-96-5	ppm-Fe	15000		16700		14800		16400		22000		20300		20700		19400		15600		20900	
Mercury	7439-97-6	ppm-Fe															78.6		900		93.5	
Nickel	7440-02-0	ppm-Fe	869		932		920		1030		1130		1100		1370		1260		2750		1200	
Potassium	7440-09-7	ppm-Fe	79800		79400		86900		83600		64100		74100		72400		72300		69500		74800	
Selenium	7782-49-2	ppm-Fe	22.4		25.4		26.7		28		89.7		90.9		87.5		92.3		116		94.8	
Silver	7440-22-4	ppm-Fe	72.1		76		72.3		96.6		94		86		140		123		315		134	
Sodium	7440-23-5	ppm-Fe	327000		311000		279000		261000		392000		406000		317000		301000		237000		267000	
Thallium	7440-28-0	ppm-Fe	5.8		5.8		7.8		6		6.7		7.3		8.1		7.3		14.1		7.6	
Titanium	7440-32-6	ppm-Fe	14500		12800		13300		12800		15700		15800		15600		15300		16600		14200	
Vanadium	7440-62-2	ppm-Fe	955		989		951		1030		1300		1240		1300		1250		3040		1260	
Zinc	7440-66-6	ppm-Fe	11300		10700		9080		9930		18300		16000		18500		16000		37000		13800	

Table B-4
Iron-Normalized Inorganics

		Location ID	2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010	
		Sample Name	08A-009-C3_(5.5-7.5)_N		08A-009-C3_(7.5-9.5)_N		08A-009-C3_(9.5-11.5)_N		08A-010-C1_(0.5-1.5)_N		08A-010-C1_(0-0.5)_N		08A-010-C1_(1.5-2.5)_N		08A-010-C1_(2.5-3.5)_N		08A-010-C1_(3.5-5.5)_N		08A-010-C1_(5.5-7.5)_N		08A-010-C2_(11.5-13.5)_N	
		Date Collected	11/10/2008		11/10/2008		11/10/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	496000		502000		601000		425000		391000		409000		428000		441000		453000		435000	
Antimony	7440-36-0	ppm-Fe	26.8		35.9		47.8		18.6		23.4		24.1		16.5		14.2		14.5		15.2	
Arsenic	7440-38-2	ppm-Fe	493		568		554		230		299		253		221		302		314		454	
Barium	7440-39-3	ppm-Fe	5000		5510		7520		5100		4510		5270		4520		4660		4820		5350	
Beryllium	7440-41-7	ppm-Fe	25		23.5		26.7		18.4		20		21.3		17.5		22.9		22.1		22.3	
Cadmium	7440-43-9	ppm-Fe	173		240		399		103		112		116		88.8		112		125		200	
Calcium	7440-70-2	ppm-Fe	288000		205000		204000		199000		208000		194000		195000				192000		199000	
Chromium	7440-47-3	ppm-Fe	6510		9340		14900		3130		3980		3410		3030		4070		4590		7850	
Cobalt	7440-48-4	ppm-Fe	401		389		500		295		319		332		279		350		340		332	
Copper	7440-50-8	ppm-Fe	6970		9500		12300		4600		5000		5300		4340		5200		5800		7720	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	8450		12700		17000		6490		7040		7740		5690		6860		7280		8970	
Magnesium	7439-95-4	ppm-Fe	249000		226000		217000		239000		240000		213000		236000		232000		228000		223000	
Manganese	7439-96-5	ppm-Fe	17000		16500		18200		20400		18900		23300		19400		20000		20600		15900	
Mercury	7439-97-6	ppm-Fe	172		234		363														168	
Nickel	7440-02-0	ppm-Fe	1340		1520		2330		920		1010		1060		891		1170		1100		1260	
Potassium	7440-09-7	ppm-Fe	83500		76700		64700		66700		74000		60400		68400		71400		70400		75800	
Selenium	7782-49-2	ppm-Fe	91.5		99.7		119		26.5	U	32.9	U	27.4		29.3	U	26.1		23.7		24.5	
Silver	7440-22-4	ppm-Fe	173		241		285		94.1		92.4		86.9		85.4		113		133		218	
Sodium	7440-23-5	ppm-Fe	224000		228000		227000		345000		372000		271000		259000		259000		238000		190000	
Thallium	7440-28-0	ppm-Fe	9.4		11		12.1		5.5		6.6		6		5.1		6.6		6.8		9.8	
Titanium	7440-32-6	ppm-Fe	14500		14400		16000		14200		13100		15100		14400		12800		13100		12400	
Vanadium	7440-62-2	ppm-Fe	1320		1530		2580		935		1040		1090		878		1100		1090		1200	
Zinc	7440-66-6	ppm-Fe	12700		17400		30100		15900		15500		17300		14500		13600		14400		15500	

		Location ID	2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011	
		Sample Name	08A-010-C2_(13.5-15.5)_N		08A-010-C2_(15.5-17.5)_N		08A-010-C2_(17.5-19.5)_N		08A-010-C2_(19.5-21.75)_N		08A-010-C2_(7.5-9.5)_N		08A-010-C2_(9.5-11.5)_N		08A-011-C1_(1.5-2.5)_N		08A-011-C1_(11.5-13.5)_N		08A-011-C1_(13.5-15.5)_N		08A-011-C1_(15.5-17.5)_N	
		Date Collected	12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008	
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.8		7.5-9.5		9.5-11.5		1.5-2.5		11.5-13.5		13.5-15.5		15.5-17.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	416000		502000		464000		473000		428000		455000		392000		401000		374000		388000	
Antimony	7440-36-0	ppm-Fe	19.7		32		30.5		38.6		13.8		14.8		2.2	U	1.3		1.7		1.5	U
Arsenic	7440-38-2	ppm-Fe	595		477		519		651		348		438		263		172		198		205	
Barium	7440-39-3	ppm-Fe	5910		8010		6780		7890		4090		4750		1020		911		871		947	
Beryllium	7440-41-7	ppm-Fe	31.1		30.4		23.3		22.6		22.2		23.5		18.7		15.4		15.8		17.3	
Cadmium	7440-43-9	ppm-Fe	323		377		396		473		114		152		3.9		3.3		2.9		3.4	
Calcium	7440-70-2	ppm-Fe	207000		210000		213000		226000		220000		266000		91600		885000		366000		1080000	
Chromium	7440-47-3	ppm-Fe	12000		12200		13600		19100		4810		6640		782		624		625		692	
Cobalt	7440-48-4	ppm-Fe	498		541		450		456		329		342		335		256		282		306	
Copper	7440-50-8	ppm-Fe	11700		12300		12400		13600		5390		6430		330		277		306		346	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	15100		16300		15400		18700		6130		6960		334		278		291		322	
Magnesium	7439-95-4	ppm-Fe	207000		200000		219000		221000		244000		242000		225000		230000		215000		221000	
Manganese	7439-96-5	ppm-Fe	17700		20100		14400		13900		16400		15900		20300		14200		13300		16200	
Mercury	7439-97-6	ppm-Fe	270		241		427		462		99.2		169		0.97		0.64		0.63		0.71	
Nickel	7440-02-0	ppm-Fe	2010		2540		2270		2680		1110		1170		665		545		560		616	
Potassium	7440-09-7	ppm-Fe	68800		56600		73200		74100		83100		86700		83800		84100		72800		74500	
Selenium	7782-49-2	ppm-Fe	26		32		31.3		31		27.6	U	26.1	U	44.7	U	28.7	U	34.5	U	34.2	U
Silver	7440-22-4	ppm-Fe	193		241		254		301		126		169		2		1.7		1.8		1.4	
Sodium	7440-23-5	ppm-Fe	165000		184000		211000		238000		233000		200000		153000		105000		90500		95800	
Thallium	7440-28-0	ppm-Fe	13.4		11.7		12		12		7		9		3.4		2.7		2.6		2.9	
Titanium	7440-32-6	ppm-Fe	13200		14100		13100		12100		12200		12600		14900		11800		11700		12000	
Vanadium	7440-62-2	ppm-Fe	1800		1830		1540		1810		1050		1120		950		783		806		913	
Zinc	7440-66-6	ppm-Fe	18100		28300		28500		36900		11600		12200		2030		1970		1920		1890	

		Location ID	2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-012		2008 CLRC-012	
		Sample Name	08A-011-C1_(17.5-19.5)_N		08A-011-C1_(2.5-3.5)_N		08A-011-C1_(3.5-5.5)_N		08A-011-C1_(7.5-9.5)_N		08A-011-C1_(9.5-11.5)_N		08A-011-C2_(0.5-1.5)_N		08A-011-C2_(0-0.5)_N		08A-011-C2_(5.5-7.5)_N		08A-012-C1_(11.5-13.5)_N		08A-012-C1_(2.5-3.75)_N	
		Date Collected	11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		12/4/2008		12/4/2008	
		Depth	17.5-19.5		2.5-3.5		3.5-5.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		5.5-7.5		11.5-13.5		2.5-3.8	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	398000		407000		401000		406000		408000		398000		391000		403000		454000		543000	
Antimony	7440-36-0	ppm-Fe	2		1.9	U	1.8	U	1.5		1.7	U	2.4		24		2.3	U	29.4		20.7	
Arsenic	7440-38-2	ppm-Fe	188		204		208		188		204		338		645		203		1200		393	
Barium	7440-39-3	ppm-Fe	1190		1010		1060		989		903		1090		3300		1040		4510		4420	
Beryllium	7440-41-7	ppm-Fe	17.6		19.1		17.7		18.5		17.9		18.5		19.9		20.1		51.7		26	
Cadmium	7440-43-9	ppm-Fe	3.6		3.4		3.5		3.8		3.5		7.5		103		3.8		448		120	
Calcium	7440-70-2	ppm-Fe	350000		95600		78000		929000		685000		77900		114000		76300		206000		205000	
Chromium	7440-47-3	ppm-Fe	692		806		731		733		727		939		5810		819		19700		5300	
Cobalt	7440-48-4	ppm-Fe	310		316		295		316		302		325		303		347		764		363	
Copper	7440-50-8	ppm-Fe	340		322		302		324		315		577		4590		331		18300		6340	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	322		330		299		335		330		521		5450		333		21500		6680	
Magnesium	7439-95-4	ppm-Fe	218000		227000		219000		235000		232000		219000		220000		225000		237000		265000	
Manganese	7439-96-5	ppm-Fe	14000		18600		14000		16900		14500		17700		10300		15600		15800		16600	
Mercury	7439-97-6	ppm-Fe	0.64		0.83		0.78		0.71		0.69								183		104	
Nickel	7440-02-0	ppm-Fe	624		675		611		635		630		690		1050		667		2940		1270	
Potassium	7440-09-7	ppm-Fe	74800		85400		83300		83500		84100		82600		80300		66100		78200		89900	
Selenium	7782-49-2	ppm-Fe	28	U	43.7	U	36.2	U	33.8	U	31.1	U	23.5		39.4		45.2	U	69		36.6	
Silver	7440-22-4	ppm-Fe	1.4		1.7		1.3		1.4		1.4		4.2		81.7		5.6		207		138	
Sodium	7440-23-5	ppm-Fe	93600		138000		120000		112000		101000		157000		245000		110000		146000		278000	
Thallium	7440-28-0	ppm-Fe	2.8		3.5		3.1		3.3		3.1		3.5		7		3.3		26.2		8	
Titanium	7440-32-6	ppm-Fe	12200		14400		14100		12300		11600		13100		13200		15000		12700		14500	
Vanadium	7440-62-2	ppm-Fe	928		971		857		906		934		944		1080		1050		2970		1200	
Zinc	7440-66-6	ppm-Fe	2020		2030		1910		2010		1920		2310		10200		2160		14500		11900	

Table B-4
Iron-Normalized Inorganics

		Location ID	2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013	
		Sample Name	08A-012-C1_(5.5-7.5)_N		08A-012-C1_(7.5-9.5)_N		08A-012-C1_(9.5-11.5)_N		08A-012-C2_(0.5-1.5)_N		08A-012-C2_(0-0.5)_N		08A-012-C2_(1.5-2.5)_N		08A-012-C2_(3.93-5.5)_N		08A-013-C1_(0-0.5)_N		08A-013-C1_(2.5-3.5)_N		08A-013-C2_(0.5-1.5)_N	
		Date Collected	12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		11/17/2008		11/17/2008		11/17/2008	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		1.5-2.5		3.9-5.5		0.0-0.5		2.5-3.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	459000		448000		466000		536000		500000		514000		465000		362000		443000		425000	
Antimony	7440-36-0	ppm-Fe	18		21.2		25.8		20.1		16.1		20.1		20.2		30.9		20.1		23.6	
Arsenic	7440-38-2	ppm-Fe	684		872		1080		356		329		389		864		294		306		284	
Barium	7440-39-3	ppm-Fe	3850		4300		4290		3800		3200		4200		3600		5090		4680		4520	
Beryllium	7440-41-7	ppm-Fe	43.6		42.2		50.3		24.2		23.1		24.6		54.7		20.4		22.9		23.8	
Cadmium	7440-43-9	ppm-Fe	227		273		374		84.1		50.6		96.6		243		120		123		116	
Calcium	7440-70-2	ppm-Fe	315000		278000		190000		195000		204000		221000		234000		211000		206000		194000	
Chromium	7440-47-3	ppm-Fe	9000		12500		16600		4310		3450		5020		11400		3430		4170		3600	
Cobalt	7440-48-4	ppm-Fe	645		622		726		347		320		351		782		324		334		340	
Copper	7440-50-8	ppm-Fe	9240		11700		16400		5210		4180		5710		11800		5060		5640		5550	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	10500		12800		19200		5630		4560		5990		14100		9090		7870		7910	
Magnesium	7439-95-4	ppm-Fe	265000		258000		236000		265000		271000		268000		262000		231000		240000		243000	
Manganese	7439-96-5	ppm-Fe	17000		16900		15300		16400		15600		16600		16400		20500		17400		20900	
Mercury	7439-97-6	ppm-Fe	113		151		161														68.8	
Nickel	7440-02-0	ppm-Fe	1970		2240		2740		1080		934		1160		2420		1050		1090		1070	
Potassium	7440-09-7	ppm-Fe	89700		87200		78400		88600		93400		89300		87600		58500		71000		64400	
Selenium	7782-49-2	ppm-Fe	54.4	U	52.3		76.3		35.9		31.6		40.8		57.4		52.8		51		44.5	
Silver	7440-22-4	ppm-Fe	124		161		205		99.4		68.4		124		134		74		115		102	
Sodium	7440-23-5	ppm-Fe	168000		161000		160000		308000		373000		267000		217000		426000		317000		356000	
Thallium	7440-28-0	ppm-Fe	15.9		17.6		21.8		6.8		6.1		7.5		18.4		6.9		7.1		6.9	
Titanium	7440-32-6	ppm-Fe	14000		13700		12600		13700		13200		14100		13600		15100		15200		15700	
Vanadium	7440-62-2	ppm-Fe	1990		2100		2680		1110		994		1120		2570		1120		1070		1140	
Zinc	7440-66-6	ppm-Fe	10100		11400		13300		10600		8640		10400		10300		21000		15700		17400	

		Location ID	2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014	
		Sample Name	08A-013-C2_(1.5-2.5)_N		08A-013-C2_(11.5-13.5)_N		08A-013-C2_(13.5-15.5)_N		08A-013-C2_(3.5-5.5)_N		08A-013-C2_(5.5-7.5)_N		08A-013-C2_(7.5-9.5)_N		08A-013-C2_(9.5-11.5)_N		08A-014-C1_(11.5-13.5)_N		08A-014-C1_(13.5-15.5)_N		08A-014-C1_(15.5-17.5)_N	
		Date Collected	11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		12/3/2008		12/3/2008		12/3/2008	
		Depth	1.5-2.5		11.5-13.5		13.5-15.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	442000		498000		502000		435000		462000		434000		455000		411000		412000		430000	
Antimony	7440-36-0	ppm-Fe	20.2		31.5		43.3		22.2		20.1		17.2		24.3		81.1		83.1		72.9	
Arsenic	7440-38-2	ppm-Fe	279		495		536		324		376		428		480		1190		1040		849	
Barium	7440-39-3	ppm-Fe	4710		6490		7350		4580		4460		4570		5200		13800		11600		8790	
Beryllium	7440-41-7	ppm-Fe	22.5		26.7		26.2		22.5		24.5		24.3		24		23.7		22.7		24.8	
Cadmium	7440-43-9	ppm-Fe	125		324		470		120		141		143		205		117		81.2		87.7	
Calcium	7440-70-2	ppm-Fe	189000		217000		234000		212000		228000		343000		210000		151000		189000		245000	
Chromium	7440-47-3	ppm-Fe	3970		11200		15900		4350		5190		5560		8180		8790		7070		7700	
Cobalt	7440-48-4	ppm-Fe	324		420		505		321		344		337		332		325		326		362	
Copper	7440-50-8	ppm-Fe	5610		10500		13700		5560		6180		5740		8100		11800		9010		7510	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	8140		15600		21100		7650		7960		6380		10100		15700		11700		8770	
Magnesium	7439-95-4	ppm-Fe	251000		234000		241000		253000		258000		264000		240000		204000		218000		239000	
Manganese	7439-96-5	ppm-Fe	19500		16000		13800		17000		15800		16100		14300		11300		12600		14500	
Mercury	7439-97-6	ppm-Fe	78.5		283		502		88.9		107		144		203		225		142		108	
Nickel	7440-02-0	ppm-Fe	1090		1930		2490		1130		1170		1110		1320		1340		1190		1250	
Potassium	7440-09-7	ppm-Fe	67900		69100		68800		73200		76800		84800		76800		69500		70200		78600	
Selenium	7782-49-2	ppm-Fe	44.9		69.1		65.4		42.5		44.6		37.6		53.1		68		66.3		60.3	
Silver	7440-22-4	ppm-Fe	106		238		275		142		155		149		221		112		91.7		64.4	
Sodium	7440-23-5	ppm-Fe	359000		246000		265000		299000		284000		222000		250000		176000		154000		133000	
Thallium	7440-28-0	ppm-Fe	6.9		11.3		13.7		7.2		8		9.1		11		14.3		14.3		13	
Titanium	7440-32-6	ppm-Fe	15300		16800		16100		15000		14500		14400		14900		11400		11500		12100	
Vanadium	7440-62-2	ppm-Fe	1090		1510		1640		1080		1140		1090		1250		1340		1030		1010	
Zinc	7440-66-6	ppm-Fe	18600		28000		40200		14900		14500		12000		17600		26100		20000		17000	

		Location ID	2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014	
		Sample Name	08A-014-C1_(17.5-19.75)_N		08A-014-C1_(19.75-21.5)_N		08A-014-C1_(21.5-23.18)_N		08A-014-C1_(7.5-9.5)_N		08A-014-C1_(9.5-11.5)_N		08A-014-C2_(0.5-1.5)_N		08A-014-C2_(0-0.5)_N		08A-014-C2_(1.5-2.5)_N		08A-014-C2_(2.5-3.5)_N		08A-014-C2_(3.5-5.5)_N	
		Date Collected	12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008	
		Depth	17.5-19.8		19.8-21.5		21.5-23.2		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	417000		314000		316000		454000		417000		440000		477000		471000		498000		507000	
Antimony	7440-36-0	ppm-Fe	195		20.6		6.8	U	80.1		61.6		22.1		25.2		21.2		42		46.6	
Arsenic	7440-38-2	ppm-Fe	1670		140		90.6		2790		1650		382		374		387		479		535	
Barium	7440-39-3	ppm-Fe	9550		1460		1420		9370		12100		4430		3650		4850		8180		7140	
Beryllium	7440-41-7	ppm-Fe	23.6		12.7		19.9		29		25.7		22.4		24		23.1		25.2		25.2	
Cadmium	7440-43-9	ppm-Fe	102		5.5		2.7	U	516		341		151		122		178		345		401	
Calcium	7440-70-2	ppm-Fe	157000		46400		77100		135000		135000		486000		179000		244000		207000		217000	
Chromium	7440-47-3	ppm-Fe	8560		893		659		27300		12700		5370		4680		5870		11200		13400	
Cobalt	7440-48-4	ppm-Fe	340		269		276		333		316		339		371		358		476		498	
Copper	7440-50-8	ppm-Fe	12300		613		236		17700		12400		6120		5610		6370		11100		12400	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	14800		603		138		17100		13700		7530		7030		7530		16600		17600	
Magnesium	7439-95-4	ppm-Fe	204000		182000		187000		190000		201000		238000		245000		240000		218000		220000	
Manganese	7439-96-5	ppm-Fe	11600		6270		7660		8550		9720		13000		14100		14100		15300		13800	
Mercury	7439-97-6	ppm-Fe	219		3.6		0.29		456		280											
Nickel	7440-02-0	ppm-Fe	1570		521		503		1800		1460		1190		1290		1200		2270		2540	
Potassium	7440-09-7	ppm-Fe	67300		51100		50600		68900		71200		77300		80600		79900		63500		67700	
Selenium	7782-49-2	ppm-Fe	73.7		103	U	136	U	90.2		81.4		31.6		35.5		29.1		39.1		40.2	
Silver	7440-22-4	ppm-Fe	97.4		8.2		2.7	U	372		184		154		134		156		276		268	
Sodium	7440-23-5	ppm-Fe	137000		54800		106000		208000		189000		238000		265000		203000		208000		198000	
Thallium	7440-28-0	ppm-Fe	24.1		2.5		2.7	U	20.4		16.2		8.6		8.6		9.5		12.1		14	
Titanium	7440-32-6	ppm-Fe	11800		13300		17800		12500		11100		14100		14800		14000		15500		15900	
Vanadium	7440-62-2	ppm-Fe	1130		773		1050		2090		1510		1140		1250		1200		1640		1670	
Zinc	7440-66-6	ppm-Fe	23600		2660		2460		32000		25100		14300		14000		14500		30400		33500	

Table B-4
Iron-Normalized Inorganics

		Location ID	2008 CLRC-014		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015	
		Sample Name	08A-014-C2_(5.5-7.5)_N		08A-015-C1_(0.5-1.5)_N		08A-015-C1_(0-0.5)_N		08A-015-C2_(1.5-2.5)_N		08A-015-C2_(10.5-11.85)_N		08A-015-C2_(11.85-13.15)_N		08A-015-C2_(2.5-3.5)_N		08A-015-C2_(3.5-5.5)_N		08A-015-C2_(5.5-7.5)_N		08A-015-C2_(7.5-8.35)_N	
		Date Collected	12/3/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008	
		Depth	5.5-7.5		0.5-1.5		0.0-0.5		1.5-2.5		10.5-11.9		11.9-13.1		2.5-3.5		3.5-5.5		5.5-7.5		7.5-8.4	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	528000		479000		480000		488000		408000		444000		493000		417000		516000		176000	
Antimony	7440-36-0	ppm-Fe	65.6		37.5		87.5		70.6		3.5	U	1.9	U	36.2		42.7		111		35.1	
Arsenic	7440-38-2	ppm-Fe	742		340		370		381		134		149		447		390		1140		835	
Barium	7440-39-3	ppm-Fe	8340		5110		4250		8690		1890		2070		5850		16100		89400		215000	
Beryllium	7440-41-7	ppm-Fe	26.8		21.9		23.9		22.4		18.9		19.7		24.6		21.9		23.2		10.4	
Cadmium	7440-43-9	ppm-Fe	479		117		108		130		7.5		8.5		152		175		363		116	
Calcium	7440-70-2	ppm-Fe	225000		198000		199000		233000		73900		79500		202000		315000		360000		51200	
Chromium	7440-47-3	ppm-Fe	20200		5020		4950		5810		894		918		5780		9720		12900		2850	
Cobalt	7440-48-4	ppm-Fe	555		333				344		339		305		365		427		454		316	
Copper	7440-50-8	ppm-Fe	14900		5330		6890		5880		396		414		6450		10600		12600		2130	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	17100		7270		7250		7810		278		253		8650		12000		69700		8040	
Magnesium	7439-95-4	ppm-Fe	221000		253000		268000		262000		175000		172000		243000		392000		543000		64600	
Manganese	7439-96-5	ppm-Fe	13400		16000		14200		16800		9930		8100		16200		17200		31400		11800	
Mercury	7439-97-6	ppm-Fe							89.4		0.89		1.1		130		152		391		70.2	
Nickel	7440-02-0	ppm-Fe	3400		1420		1390		1930		631		586		1550		3410		2700		625	
Potassium	7440-09-7	ppm-Fe	72100		77100		83200		82200		60600		54500		80100		68500		63800		30400	
Selenium	7782-49-2	ppm-Fe	52.1		38.1		47.6		40.6		70.4	U	41		35.5		46.9	U	85.1		31.6	
Silver	7440-22-4	ppm-Fe	356		81		83.9		104		1.5	U	1.5		128		150		95.7		18.6	
Sodium	7440-23-5	ppm-Fe	207000		283000		381000		236000		170000		195000		226000		177000		163000		63500	
Thallium	7440-28-0	ppm-Fe	15.4		6.7		7.2		7.2		3.2		3		8.5		8.1		10.3		7	
Titanium	7440-32-6	ppm-Fe	16200		15000		15500		15900		16800		12200		15500		16700		18500		8000	
Vanadium	7440-62-2	ppm-Fe	2090		1120		1230		1190		1110		1110		1260		1600		1560		533	
Zinc	7440-66-6	ppm-Fe	37700		25000		24700		40600		2050		1930		22600		27700		50100		36500	

Table B-4
Iron-Normalized Inorganics

		Location ID	2008 CLRC-015		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016	
		Sample Name	08A-015-C2_(8.35-10.5)_N		08A-016-C1_(11.5-13.5)_N		08A-016-C1_(13.5-15.5)_N		08A-016-C1_(15.5-17.5)_N		08A-016-C1_(17.5-19.12)_N		08A-016-C1_(19.12-20.25)_N		08A-016-C1_(5.5-7.5)_N		08A-016-C1_(7.5-9.5)_N		08A-016-C1_(9.5-11.5)_N		08A-016-C2_(0.5-1.5)_N	
		Date Collected	11/12/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008	
		Depth	8.4-10.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.1		19.1-20.3		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	439000		543000		529000		563000		584000		352000		481000		520000		602000		429000	
Antimony	7440-36-0	ppm-Fe	4.5	U	26		43.2		40.7		52.2		8.2		26.3		26.3		27.4		34.9	
Arsenic	7440-38-2	ppm-Fe	170		360		375		563		591		148		285		307		322		260	
Barium	7440-39-3	ppm-Fe	2110		5400		6290		7380		7700		1660		5580		5110		5780		5680	
Beryllium	7440-41-7	ppm-Fe	19.9		22.7		24.8		27.1		31.4		19.4		23.2		24.1		25.6		21.3	
Cadmium	7440-43-9	ppm-Fe	3.4		192		308		424		471		10.1		170		180		201		112	
Calcium	7440-70-2	ppm-Fe	104000		221000		180000		197000		206000		634000		192000		176000		191000		189000	
Chromium	7440-47-3	ppm-Fe	819		6020		9340		14000		15000		828		4580		4890		5350		3250	
Cobalt	7440-48-4	ppm-Fe	361		348		436		477		551		342		353		364		374		331	
Copper	7440-50-8	ppm-Fe	324		7050		9880		12000		13600		959		6730		6960		7420		5300	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	335		9500		16400		17300		21300		536		8970		8840		9850		7780	
Magnesium	7439-95-4	ppm-Fe	206000		244000		219000		229000		231000		280000		233000		250000		240000		211000	
Manganese	7439-96-5	ppm-Fe	14600		17700		18800		17600		16600		21200		22900		20300		19500		26000	
Mercury	7439-97-6	ppm-Fe	0.92		129		201		266		285		5.7		98.7		106		120			
Nickel	7440-02-0	ppm-Fe	690		1250		1900		2270		2610		711		1240		1330		1270		1010	
Potassium	7440-09-7	ppm-Fe	77500		75200		59100		62900		61700		66500		64400		70500		69900		54700	
Selenium	7782-49-2	ppm-Fe	98.2	U	38.3		46.3		43		51.1		90.2	U	35.3		37.6		33.4		38.5	
Silver	7440-22-4	ppm-Fe	2	U	292		296		320		303		6.2		164		187		242		96.7	
Sodium	7440-23-5	ppm-Fe	121000		204000		214000		221000		234000		88500		255000		245000		228000		255000	
Thallium	7440-28-0	ppm-Fe	3.3		9		9.5		11.6		12.8		4.7		7.2		8		8.4		6	
Titanium	7440-32-6	ppm-Fe	16400		14100		15300		14100		15700		14500		14500		14700		14700		14200	
Vanadium	7440-62-2	ppm-Fe	964		1190		1440		1750		2100		820		1200		1250		1250		1170	
Zinc	7440-66-6	ppm-Fe	2310		16600		26400		34100		33600		2320		17900		17200		18600		17800	

		Location ID	2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017	
		Sample Name	08A-016-C2_(0-0.5)_N		08A-016-C2_(1.5-2.5)_N		08A-016-C2_(2.5-3.5)_N		08A-016-C2_(3.5-5.5)_N		08A-017-C1_(11.5-13.5)_N		08A-017-C1_(13.5-15.5)_N		08A-017-C1_(15.5-17.5)_N		08A-017-C1_(17.5-19.5)_N		08A-017-C1_(19.5-21.7)_N		08A-017-C1_(21.7-23.5)_N	
		Date Collected	12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008	
		Depth	0.0-0.5		1.5-2.5		2.5-3.5		3.5-5.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.7		21.7-23.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	411000		430000		440000		451000		463000		450000		395000		419000		426000		401000	
Antimony	7440-36-0	ppm-Fe	32.1		30.7		33.1		30.9		51.2		59.5		63.6		107		318		7.4	
Arsenic	7440-38-2	ppm-Fe	267		252		227		269		1140		1070		938		1100		2960		147	
Barium	7440-39-3	ppm-Fe	4830		4700		5600		5170		8540		9170		8010		10400		11900		3410	
Beryllium	7440-41-7	ppm-Fe	21.9		20.9		20.2		22		26.2		26.3		22.5		23.5		23.5		19.9	
Cadmium	7440-43-9	ppm-Fe	124		112		119		132		463		359		68.6		104		120		13.1	
Calcium	7440-70-2	ppm-Fe	175000		197000		183000		185000		204000		188000		264000		160000		144000		131000	
Chromium	7440-47-3	ppm-Fe	3780		3610		3600		4010		21000		15300		6780		10700		13300		1470	
Cobalt	7440-48-4	ppm-Fe	324		315		312		334		380		376		339		342		310		402	
Copper	7440-50-8	ppm-Fe	5830		5330		5630		5810		13500		12600		7170		9730		17800		727	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	7900		7110		7520		8100		16600		16400		9130		12600		18500		515	
Magnesium	7439-95-4	ppm-Fe	233000		220000		210000		223000		211000		209000		233000		219000		189000		221000	
Manganese	7439-96-5	ppm-Fe	18100		20100		22500		21200		11900		11700		14500		11900		10900		6410	
Mercury	7439-97-6	ppm-Fe									342		308		111		160		286		4.8	
Nickel	7440-02-0	ppm-Fe	1030		1020		1050		1110		1910		1760		1150		1390		1920		754	
Potassium	7440-09-7	ppm-Fe	66100		61300		57600		65400		67500		66400		73700		71100		65500		58300	
Selenium	7782-49-2	ppm-Fe	33		34.4		34.7		35		55.1		57		56		79.6		83.6		123	U
Silver	7440-22-4	ppm-Fe	99.1		111		137		128		258		222		63.3		81.7		131		27.9	
Sodium	7440-23-5	ppm-Fe	360000		228000		209000		241000		161000		163000		134000		133000		145000		229000	
Thallium	7440-28-0	ppm-Fe	6.5		6.1		6		6.8		13.6		13.5		12.7		17.2		33.7		4	
Titanium	7440-32-6	ppm-Fe	14300		14200		14500		14800		13100		12900		12000		11400		10900		24500	
Vanadium	7440-62-2	ppm-Fe	1050		1010		1010		1120		2060		1790		950		1050		1390		1750	
Zinc	7440-66-6	ppm-Fe	17600		16500		18100		17600		32000		29100		15100		22300		33200		3410	

Table B-4
Iron-Normalized Inorganics

		Location ID	2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-018	
		Sample Name	08A-017-C1_(23.5-25)_N		08A-017-C1_(3.5-5.5)_N		08A-017-C1_(5.5-7.5)_N		08A-017-C1_(7.5-9.5)_N		08A-017-C1_(9.5-11.5)_N		08A-017-C3_(0.5-1.5)_N		08A-017-C3_(0-0.5)_N		08A-017-C3_(1.5-2.5)_N		08A-017-C3_(2.5-3.5)_N		08A-018-C1_(1.5-2.5)_N	
		Date Collected	12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		11/10/2008	
		Depth	23.5-25.0		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		1.5-2.5		2.5-3.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	333000		436000		448000		454000		504000		426000		409000		427000		425000		468000	
Antimony	7440-36-0	ppm-Fe	6.8	U	22.7		29.2		31.5		50.4		21.3		25.6		25.1		23.9		21.6	
Arsenic	7440-38-2	ppm-Fe	362		385		491		527		965		349		320		389		358		329	
Barium	7440-39-3	ppm-Fe	2100		4270		4910		5270		7200		3830		3670		4550		4140		5060	
Beryllium	7440-41-7	ppm-Fe	13.5		23.5		23		23.3		27.1		22.2		22.2		23.1		21.7		23.8	
Cadmium	7440-43-9	ppm-Fe	12.3		150		192		204		383		120		125		151		141		152	
Calcium	7440-70-2	ppm-Fe	76400		198000		205000		185000		205000		178000		191000		203000		190000		173000	
Chromium	7440-47-3	ppm-Fe	851		5670		8180		8540		16300		4660		4170		6050		5460		4500	
Cobalt	7440-48-4	ppm-Fe	438		346		355		349		386		336		340		331		332		342	
Copper	7440-50-8	ppm-Fe	328		6180		7250		7800		12100		5460		5550		6080		5920		6190	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	171		7940		9340		10100		13700		7560		7810		7900		7690		9220	
Magnesium	7439-95-4	ppm-Fe	182000		243000		235000		219000		213000		235000		254000		233000		239000		214000	
Manganese	7439-96-5	ppm-Fe	5490		15300		14900		13400		12200		14000		13000		14600		13900		13300	
Mercury	7439-97-6	ppm-Fe	0.88		116		151		148		282		87.3				123		102		117	
Nickel	7440-02-0	ppm-Fe	801		1300		1410		1290		1770		1100		1160		1200		1180		1230	
Potassium	7440-09-7	ppm-Fe	49600		75500		75400		70100		69200		75300		76800		76400		73500		61900	
Selenium	7782-49-2	ppm-Fe	136	U	35.8		37.6		42.3		51.9		27.8		31.8		28.8		36.6		82.3	
Silver	7440-22-4	ppm-Fe	2.8	U	156		195		200		269		125		103		162		134		127	
Sodium	7440-23-5	ppm-Fe	86100		219000		193000		171000		159000		261000		379000		224000		228000		223000	
Thallium	7440-28-0	ppm-Fe	3.4		8.2		9.5		9.4		13.1		8		7.4		8		8		7.6	
Titanium	7440-32-6	ppm-Fe	15700		13300		13000		12800		13400		13800		14800		13500		13100		15900	
Vanadium	7440-62-2	ppm-Fe	957		1150		1270		1300		1860		1120		1140		1140		1090		1200	
Zinc	7440-66-6	ppm-Fe	2540		13900		16400		17700		26100		14500		15600		14200		13600		16500	

Table B-4
Iron-Normalized Inorganics

		Location ID	2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-019		2008 CLRC-019	
		Sample Name	08A-018-C1_(11.5-13.5)_N		08A-018-C1_(3.5-5.5)_N		08A-018-C1_(5.5-7.5)_N		08A-018-C1_(7.5-9.5)_N		08A-018-C1_(9.5-11.5)_N		08A-018-C2_(0.5-1.5)_N		08A-018-C2_(0-0.5)_N		08A-018-C2_(2.5-3.5)_N		08A-019-C1_(0.5-1.5)_N		08A-019-C1_(0-0.5)_N	
		Date Collected	11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		9/24/2008		9/24/2008	
		Depth	11.5-13.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		2.5-3.5		0.5-1.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	966000		531000		437000		435000		477000		514000		460000		583000		589000		269000	
Antimony	7440-36-0	ppm-Fe	5.5		126		111		33		2.9	U	35.8		34.5		74.1		23.8		57.5	
Arsenic	7440-38-2	ppm-Fe	132		1060		1550		807		188		304		286		637		355		452	
Barium	7440-39-3	ppm-Fe	5230		12500		11500		5050		1550		4900		4250		8560		7580		4020	
Beryllium	7440-41-7	ppm-Fe	49.8		26.5		24.7		21		20.5		24		22.3		30.2		31.6		20.6	
Cadmium	7440-43-9	ppm-Fe	4.9		487		209		53.5		9		130		109		522		213		192	
Calcium	7440-70-2	ppm-Fe	76800		239000		219000		96600		73500		187000		201000		227000		219000		275000	
Chromium	7440-47-3	ppm-Fe	1620		20100		11300		4200		1010		3950		3470		17300		5150		3280	
Cobalt	7440-48-4	ppm-Fe	571		462		408		355		375		358		339		583		442		329	
Copper	7440-50-8	ppm-Fe	807		13200		11200		4840		476		6050		5360		18100		8010		5100	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	499		21300		17400		8300		317		8780		8020		21300		13000		11200	
Magnesium	7439-95-4	ppm-Fe	251000		213000		190000		195000		179000		238000		234000		231000		257000		280000	
Manganese	7439-96-5	ppm-Fe	13600		11800		11600		11000		8760		19100		14000		13200		17900		10200	
Mercury	7439-97-6	ppm-Fe	1.1		324		197		79.5		1.1								117			
Nickel	7440-02-0	ppm-Fe	1000		2260		1550		1030		706		1230		1050		3160		1560		989	
Potassium	7440-09-7	ppm-Fe	74100		70400		64100		68200		61800		65900		66300		73400		70600		64000	
Selenium	7782-49-2	ppm-Fe	143		112		124		90.9		82.4		84.5		75.4		108		56.3		76.6	
Silver	7440-22-4	ppm-Fe	3.7		227		92.6		30.9		1.1	U	110		75		301		232		59	
Sodium	7440-23-5	ppm-Fe	201000		226000		161000		138000		199000		243000		251000		278000		433000		770000	
Thallium	7440-28-0	ppm-Fe	6.3		13.5		19.7		8.9		3.4		7.2		7.1		18.6		9.4		10.1	
Titanium	7440-32-6	ppm-Fe	34000		15800		13200		14100		15700		17100		17200		16700		15900		11500	
Vanadium	7440-62-2	ppm-Fe	2540		4150		1540		1120		1240		1180		1080		3490		1380		977	
Zinc	7440-66-6	ppm-Fe	2960		36500		26500		9490		2090		16400		16500		43500		20500		25700	

		Location ID	2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-020		2008 CLRC-020	
		Sample Name	08A-019-C1_(1.5-2.5)_N		08A-019-C1_(2.5-3.5)_N		08A-019-C1_(3.5-5.27)_N		08A-019-D1_(0.07-0.16)_N		08A-019-D1_(0.16-0.33)_N		08A-019-D1_(0.33-0.98)_N		08A-019-D1_(0.98-1.97)_N		08A-019-D1_(0-0.07)_N		08A-020-C2_(1.5-2.5)_N		08A-020-C2_(3.5-5.5)_N	
		Date Collected	9/24/2008		9/24/2008		9/24/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		11/4/2008		11/4/2008	
		Depth	1.5-2.5		2.5-3.5		3.5-5.3		0.1-0.2		0.2-0.3		0.3-1.0		1.0-2.0		0.0-0.1		1.5-2.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	580000		654000		685000		477000		319000		486000		610000		495000		500000		602000	
Antimony	7440-36-0	ppm-Fe	23		41.4		53.5		50.5		43		31.2		46.8		43.6		37.6		77.1	
Arsenic	7440-38-2	ppm-Fe	420		487		523		315		350		280		468		350		490		1360	
Barium	7440-39-3	ppm-Fe	6680		8020		10400		5680		4470		6030		7480		4650		6000		9280	
Beryllium	7440-41-7	ppm-Fe	29		31.7		31.5		23.4		17.8		21.5		28		23.7		24.3		27.6	
Cadmium	7440-43-9	ppm-Fe	230		399		556		136		130		145		338		130		311		605	
Calcium	7440-70-2	ppm-Fe	278000		322000		250000		227000		264000		225000		236000		210000		225000		217000	
Chromium	7440-47-3	ppm-Fe	7010		15900		18700		4060		3320		3830		10400		4030		12400		30700	
Cobalt	7440-48-4	ppm-Fe	431		662		693		384		292		394		457		347		517		451	
Copper	7440-50-8	ppm-Fe	8180		14300		17000		6310		5650		6740		11000		6300		11900		18300	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	12400		18400		27300		9100		10600		9820		16300		8710					
Magnesium	7439-95-4	ppm-Fe	263000		240000		235000		253000		258000		234000		236000		280000		232000		220000	
Manganese	7439-96-5	ppm-Fe	18600		17100		18900		13700		11600		17300		17600		14700		12400		10900	
Mercury	7439-97-6	ppm-Fe	145		270				55.4		47.3		64.9		200		56.4		229		571	
Nickel	7440-02-0	ppm-Fe	1600		3770		3780		1230		890		1240		2000		1110		2430		2710	
Potassium	7440-09-7	ppm-Fe	81000		76000		63500		77500		66700		69900		72700		90800		71000		70800	
Selenium	7782-49-2	ppm-Fe	54.7		57		66.4		45		50.6		35.5		56.7		49.5		96.6		119	
Silver	7440-22-4	ppm-Fe	228		352		344		87.4		54.9		278		295		124		212		302	
Sodium	7440-23-5	ppm-Fe	333000		295000		275000		413000		675000		334000		278000		637000		233000		250000	
Thallium	7440-28-0	ppm-Fe	10.8		14		13.9		8.9		7.8		7.5		12		8		13.3		14.7	
Titanium	7440-32-6	ppm-Fe	16000		19800		18000		17800		14100		17500		17000		16300		15500		14800	
Vanadium	7440-62-2	ppm-Fe	1350		1710		1950		1090		945		1110		1550		1110		1600		5170	
Zinc	7440-66-6	ppm-Fe	18900		34400		44400		18200		21200		21200		26100		17700		28100		42000	

		Location ID	2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021	
		Sample Name	08A-020-C2_(5.5-7.5)_N		08A-020-C2_(7.5-9.5)_N		08A-020-C2_(9.5-11.5)_N		08A-020-C3_(0.5-1.5)_N		08A-020-C3_(0-0.5)_N		08A-020-C3_(2.5-3.5)_N		08A-021-C1_(0.5-1.5)_N		08A-021-C1_(1.5-2.5)_N		08A-021-C1_(3.5-5.5)_N		08A-021-C1_(5.5-7.5)_N	
		Date Collected	11/4/2008		11/4/2008		11/4/2008		11/4/2008		11/4/2008		11/4/2008		11/6/2008		11/6/2008		11/6/2008		11/6/2008	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		2.5-3.5		0.5-1.5		1.5-2.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		Y		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	547000		465000		481000		493000		452000		577000		373000		524000		497000		504000	
Antimony	7440-36-0	ppm-Fe	87.6		79.2		67.2		19.6		19.9		57.3		136		39.9		52.3		57.4	
Arsenic	7440-38-2	ppm-Fe	3050		1310		1020		425		349		768		339		387		1510		1390	
Barium	7440-39-3	ppm-Fe	10400		12700		9400		3900		3500		7870		5790		6750		8500		8920	
Beryllium	7440-41-7	ppm-Fe	30.1		23.8		23.6		23.7		22.1		34		34.5		30.9		27		27.8	
Cadmium	7440-43-9	ppm-Fe	787		169		71.1		141		113		521		324		402		517		670	
Calcium	7440-70-2	ppm-Fe	144000		164000		298000		184000		180000		205000		562000		332000		243000		174000	
Chromium	7440-47-3	ppm-Fe	31400		9670		6340		5430		4200		19000		7550		8380		27800		30600	
Cobalt	7440-48-4	ppm-Fe	369		331		377		375		349		449		768		498		393		344	
Copper	7440-50-8	ppm-Fe	21600		11300		7150		6160		5090		14300		16800		11900		14900		18100	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe													14600		16000		14700		17500	
Magnesium	7439-95-4	ppm-Fe	192000		211000		244000		248000		251000		224000		220000		225000		230000		209000	
Manganese	7439-96-5	ppm-Fe	8680		11800		16400		14600		12400		10700		13900		14400		12000		9910	
Mercury	7439-97-6	ppm-Fe	479		239		132						257		98.3		123		390		412	
Nickel	7440-02-0	ppm-Fe	2300		1380		1340		1300		1210		2320		3690		2220		2250		1940	
Potassium	7440-09-7	ppm-Fe	66600		72700		79100		77300		75100		68200		58400		66400		76000		71700	
Selenium	7782-49-2	ppm-Fe	173		131		123		91.3		92.5		120		51.5		48		78		91.2	
Silver	7440-22-4	ppm-Fe	402		113		56.2		128		89		278		239		209		265		366	
Sodium	7440-23-5	ppm-Fe	227000		171000		124000		245000		278000		248000		224000		244000		286000		274000	
Thallium	7440-28-0	ppm-Fe	22.5		15.3		14.3		8.7		6.9		15.1		9.4		8.6		14		14.6	
Titanium	7440-32-6	ppm-Fe	13200		13100		14400		14000		14500		16300		14000		16600		13200		14000	
Vanadium	7440-62-2	ppm-Fe	4880		1410		1200		1310		1180		3160		1020		1530		2450		2700	
Zinc	7440-66-6	ppm-Fe	36700		23600		15500		14300		13800		36400		40000		27200		33500		30600	

		Location ID	2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		AK001		AK001		AK001		AK001		AK001		AK02SED087	
		Sample Name	08A-021-C1_(7.5-9.5)_N		08A-021-C1_(9.5-11.4)_N		08A-021-C2_(0-0.5)_N		08A-021-C2_(2.5-3.5)_N		6JMS00001		6JMS00002		6JMS00003		6JMS00004		6JMS00005		AK02SED087C-01	
		Date Collected	11/6/2008		11/6/2008		11/6/2008		11/6/2008		9/22/1998		9/22/1998		9/22/1998		9/22/1998		9/22/1998		11/27/2007	
		Depth	7.5-9.5		9.5-11.4		0.0-0.5		2.5-3.5		0.0-1.6		1.6-2.0		2.0-3.3		3.3-4.3		4.3-6.2		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	521000		487000		382000		587000		400000		394000		361000		414000		379000		431000	
Antimony	7440-36-0	ppm-Fe	51.9		47.3		28.3		46.8		235		150		189		88.4		198		164	U
Arsenic	7440-38-2	ppm-Fe	2890		1940		306		942		2140		3650		4790		4290		6060		875	
Barium	7440-39-3	ppm-Fe	9800		8170		4510		8680		22400		14900		20000		5830		37600		8730	
Beryllium	7440-41-7	ppm-Fe	30.4		27.5		21.7		30.2		27.4		30.9		26		28		27.9		25.5	
Cadmium	7440-43-9	ppm-Fe	510		346		157		471		435		233		246		53		313		78.7	
Calcium	7440-70-2	ppm-Fe	147000		193000		233000		242000		143000		211000		125000		90400		141000		151000	
Chromium	7440-47-3	ppm-Fe	31500		14400		4050		19300		10300		6250		7840		3030		7470		3960	
Cobalt	7440-48-4	ppm-Fe	350		361		349		429		474		502		426		387		448		278	
Copper	7440-50-8	ppm-Fe	19900		12600		6480		14100		28200		15600		20100		10200		29300		8540	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	19300		11900		8780		20400		14000		9640		13600		9070		21800		6060	
Magnesium	7439-95-4	ppm-Fe	193000		218000		248000		233000		229000		240000		207000		196000		204000		236000	
Manganese	7439-96-5	ppm-Fe	9370		13100		15800		14800		8470		12800		9410		9760		8710		11400	
Mercury	7439-97-6	ppm-Fe	415		315																150	
Nickel	7440-02-0	ppm-Fe	1890		1520		1110		2130		1790		1380		1360		1100		1400		1150	
Potassium	7440-09-7	ppm-Fe	67300		65900		67100		71600		88200		93800		79000		80600		79300		111000	
Selenium	7782-49-2	ppm-Fe	120		76.1		49.3		74.2		254		97.7		189		193		560		164	U
Silver	7440-22-4	ppm-Fe	352		190		72.7		265		256		104		145		100		167		132	
Sodium	7440-23-5	ppm-Fe	283000		189000		467000		299000		382000		275000		317000		243000		328000		382000	
Thallium	7440-28-0	ppm-Fe	22		16.9		7.6		14.4		268		248		216		110		233		6.3	
Titanium	7440-32-6	ppm-Fe	13200		13100		13600		15800												13700	
Vanadium	7440-62-2	ppm-Fe	2110		1450		1000		2680		1840		1440		1380		1520		1280		1370	
Zinc	7440-66-6	ppm-Fe	34700		28500		17300		36500		21300		13000		15700		10300		19900		10400	

Table B-4
Iron-Normalized Inorganics

		Location ID	AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK999	
		Sample Name	AK02SED087C-02		AK02SED087C-03		AK02SED087C-04		AK02SED087C-05		AK02SED087C-06		AK02SED087C-07		AK02SED087C-08		AK02SED087C-09		AK02SED087C-10		1JMS00115	
		Date Collected	11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		6/23/2000	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-14.5		0.0-0.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	440000		432000		423000		443000		435000		433000		451000		382000		349000		463000	
Antimony	7440-36-0	ppm-Fe	152	U	156	U	157	U	147	U	148	U	150	U	167	U	96.3		124	U	29.1	U
Arsenic	7440-38-2	ppm-Fe	857		844		1030		1140		1200		2200		13200		6460		4700		897	
Barium	7440-39-3	ppm-Fe	7660		8060		9550		12100		12200		63500		105000		43300		37000		9150	
Beryllium	7440-41-7	ppm-Fe	23.9		25.6		24.9		26.6		26.3		23.8		20.4		28.3		20		37	
Cadmium	7440-43-9	ppm-Fe	88.9		136		234		343		297		368		571		173		119		183	
Calcium	7440-70-2	ppm-Fe	156000		188000		146000		147000		141000		229000		584000		224000		162000		132000	
Chromium	7440-47-3	ppm-Fe	4100		4350		5470		6070		6940		10700		13000		6910		6540		4790	
Cobalt	7440-48-4	ppm-Fe	291		299		279		305		301		335		426		292		259		320	
Copper	7440-50-8	ppm-Fe	8960		9570		13400		15600		18600		23400		41600		24000		16800		11500	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	6250		6040		7460		8730		9470		13400		12900		33700		20000		7540	
Magnesium	7439-95-4	ppm-Fe	230000		228000		217000		216000		214000		253000		399000		189000		141000		208000	
Manganese	7439-96-5	ppm-Fe	12300		12600		9580		10000		9500		9730		10800		7590		8190		10200	
Mercury	7439-97-6	ppm-Fe	130		156		216		349		486		1840		10900		1260		681		172	
Nickel	7440-02-0	ppm-Fe	1200		1130		1310		1470		1590		1880		2110		1310		1110		1340	
Potassium	7440-09-7	ppm-Fe	87400		88200		82100		83600		82100		79000		65300		69400		58400		110000	
Selenium	7782-49-2	ppm-Fe	152	U	156	U	157	U	147	U	148	U	148		192		178		159		68.8	
Silver	7440-22-4	ppm-Fe	167		174		224		222		306		305		204		82.2		56.8		172	
Sodium	7440-23-5	ppm-Fe	289000		281000		284000		270000		275000		285000		337000		213000		175000		252000	
Thallium	7440-28-0	ppm-Fe	6.1		6.9		7.5		8.1		7.9		7.8		4.7		5.7		6		50.3	U
Titanium	7440-32-6	ppm-Fe	13000		13200		12700		13700		14400		13800		12200		11600		9650			
Vanadium	7440-62-2	ppm-Fe	1400		1450		1410		1610		1630		1900		2040		1390		1120		1520	
Zinc	7440-66-6	ppm-Fe	10200		11400		13400		16000		18200		21300		24200		19000		12600		12900	

		Location ID	AK999		AKA07		ARK07		DNS-01		DNS-01B		DNS-01B		DNS-01B		DNS-02		DNS-02		DNS-02	
		Sample Name	1JMS00158		1JMS00008		1JMS00151		DNS1135		DNS1B05		DNS1B25		DNS1B51		DNS2005		DNS2051		DNS2185	
		Date Collected	8/30/2000		7/13/1999		8/30/2000		11/23/2005		11/23/2005		11/23/2005		11/23/2005		11/16/2005		11/16/2005		11/18/2005	
		Depth	0.0-0.3		0.0-0.3		0.0-0.3		13.5-14.0		0.0-0.5		2.5-3.0		0.5-1.0		0.0-0.5		0.5-1.0		18.5-19.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	449000		378000		415000		534000		323000		636000		369000		468000		436000		462000	
Antimony	7440-36-0	ppm-Fe	88.4		29.6		28.9	U	17.1	U	109	U	296		191		19.3	U	64.4	U	19.1	U
Arsenic	7440-38-2	ppm-Fe	915		2890		614		207		176		270		228		248		118		157	
Barium	7440-39-3	ppm-Fe	9760		20400		10200		7290		2840		4840		2170		4060		3330		4450	
Beryllium	7440-41-7	ppm-Fe	25.9		32.1		24.9		29.2		32.3		43.8		43.2		35.3		1.6	U	34.7	
Cadmium	7440-43-9	ppm-Fe	184		93.8		65.6		1.7	U	10.9	U	8.5	U	19.1		1.8	U	6.4	U	1.7	U
Calcium	7440-70-2	ppm-Fe	130000		154000		268000		599000		2180000		2880000		8040000		240000		415000		750000	
Chromium	7440-47-3	ppm-Fe	4830		4350		3280		813		2480		3200		2120		1900		2870		831	
Cobalt	7440-48-4	ppm-Fe	320		341		336		458		185		316		88.9		440		403		466	
Copper	7440-50-8	ppm-Fe	12200		14800		7530		931		2120		2830		2060		1540		1690		814	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	7210		23500		6040		286		3200		3900		2330		5320		1870		623	
Magnesium	7439-95-4	ppm-Fe	221000		190000		262000		322000		1170000		3050000		5480000		287000		308000		313000	
Manganese	7439-96-5	ppm-Fe	10200		9260		13200		24900		18100		26600		32100		17800		17400		25500	
Mercury	7439-97-6	ppm-Fe	173		93.8		118		0	U	17		0	U	0		14.7		0	U	0	U
Nickel	7440-02-0	ppm-Fe	1280		1450		1310		908		630		954		302		954		1050		903	
Potassium	7440-09-7	ppm-Fe	107000		87900		108000		124000		105000		105000		131000		101000		91800		105000	
Selenium	7782-49-2	ppm-Fe	88.4		351		60.4	U	17.7	U	113	U	86.9	U	198		20.2	U	177		67.8	
Silver	7440-22-4	ppm-Fe	187		79		129		4.1	U	26.2	U	20	U	46.2		35.3		16.1	U	34.7	
Sodium	7440-23-5	ppm-Fe	269000		279000		318000		12700		281000		305000		418000		131000		152000		12600	
Thallium	7440-28-0	ppm-Fe	44.2	U	46.9	U	52.5	U	27.4	U	175	U	134	U	307		31.2	U	103	U	30.5	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1550		1170		1510		1190		1280		1460		910		1060		1350		1130	
Zinc	7440-66-6	ppm-Fe	12900		17900		10000		2460		8380		7120		6580		5500		4860		2230	

		Location ID	DNS-02		DNS-02		DNS-03		DNS-03		DNS-03		DNS-04		DNS-04		DNS-04B		DNS-05		DNS-05	
		Sample Name	DNS2205		DNS2295		DNS3005		DNS3051		DNS3859		DNS4005		DNS4051		DNS4B29		DNS5005		DNS5051	
		Date Collected	11/18/2005		11/18/2005		11/18/2005		11/18/2005		11/18/2005		11/16/2005		11/16/2005		11/22/2005		11/21/2005		11/21/2005	
		Depth	20.5-21.0		29.5-30.0		0.0-0.5		0.5-1.0		8.5-9.0		0.0-0.5		0.5-1.0		29.0-29.5		0.0-0.5		0.5-1.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	451000		479000		454000		480000		442000		377000		344000		502000		480000		510000	
Antimony	7440-36-0	ppm-Fe	37.3		48.7	U	122		12.9	U	108		42.3	U	217		17.9	U	54.4		41.5	
Arsenic	7440-38-2	ppm-Fe	152		230		173		202		108		234		291		132		178		148	
Barium	7440-39-3	ppm-Fe	7280		21200		4130		4670		5700		4470		3870		7370		4260		4540	
Beryllium	7440-41-7	ppm-Fe	37.3		44.7		34.7		23.6		31.3		117		51.9		31.9		42.3		26.7	
Cadmium	7440-43-9	ppm-Fe	1.8	U	5.4	U	1.9	U	1.3	U	1.6	U	4.5	U	3.1	U	1.8	U	1.5	U	1.5	U
Calcium	7440-70-2	ppm-Fe	737000		2370000		520000		367000		735000		3990000		1710000		699000		749000		235000	
Chromium	7440-47-3	ppm-Fe	788		1220		830		780		811		4230		3450		811		955		777	
Cobalt	7440-48-4	ppm-Fe	488		677		483		472		482		739		632		467		505		496	
Copper	7440-50-8	ppm-Fe	880		812		849		874		779		10300		11900		927		2220		991	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	677		947		642		604		639		11500		15000		316		4320		617	
Magnesium	7439-95-4	ppm-Fe	304000		483000		307000		289000		304000		323000		259000		324000		292000		315000	
Manganese	7439-96-5	ppm-Fe	25300		48700		23900		22100		25500		19500		17800		26500		23000		22700	
Mercury	7439-97-6	ppm-Fe	0	U	0	U	1.6		0	U	0	U	52.8		0	U	0	U	1.3		0	U
Nickel	7440-02-0	ppm-Fe	899		1160		900		911		904		3070		2360		911		1230		976	
Potassium	7440-09-7	ppm-Fe	95900		166000		105000		84300		94800		86200		68600		117000		97000		91100	
Selenium	7782-49-2	ppm-Fe	55.3		51.4	U	51.7		47.2		76.3		44.1	U	104		18.6	U	81.6		80.1	
Silver	7440-22-4	ppm-Fe	37.3		44.7		51.7		47.2		48.2		77.5		34.2		4.3	U	42.3		41.5	
Sodium	7440-23-5	ppm-Fe	13200		20600		86300		28300		12800		259000		154000		12900		83100		67100	
Thallium	7440-28-0	ppm-Fe	33.2	U	78.5	U	30.3	U	20.7	U	27.3	U	68.5	U	45.6	U	28.8	U	23.9	U	23.4	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1120		1490		1110		1040		1090		1320		1290		1420		1040		1020	
Zinc	7440-66-6	ppm-Fe	2400		3820		2340		2210		2230		52500		34200		2500		7820		2450	

		Location ID	DNS-05		DNS-06		DNS-06B		DNS-06B		DNS-06B		DNS-06B		DNS-07		DNS-08		DNS-08		DNS-08	
		Sample Name	DNS5C27		DNS601		DNS6B05		DNS6B12		DNS6B2		DNS6B37		DNS7005		DNS8005		DNS8051		DNS8335	
		Date Collected	11/22/2005		11/16/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/23/2005		11/16/2005		11/16/2005		11/30/2005	
		Depth	27.0-27.5		0.0-1.0		0.0-0.5		12.5-13.0		2.0-2.5		37.0-37.5		0.0-0.5		0.0-0.5		0.5-1.0		3.0-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	524000		190000		87700		500000		508000		542000		472000		171000		221000		394000	
Antimony	7440-36-0	ppm-Fe	16.3	U	90.9		52.8		34.4		58		45.5		24.3	U	72.4		44.4		24.6	U
Arsenic	7440-38-2	ppm-Fe	162		343		510		122		188		182		152		375		321		2270	
Barium	7440-39-3	ppm-Fe	7590		2070		3460		4580		3150		5070		8430		1780		2030		4960	
Beryllium	7440-41-7	ppm-Fe	31.4		36		13.5		34.4		23.5		30.4		33		14.5		15.2		28.1	
Cadmium	7440-43-9	ppm-Fe	1.6	U	2.1	U	27		1.9	U	1.4	U	1.8	U	2.5	U	1.6	U	1.6	U	2.5	U
Calcium	7440-70-2	ppm-Fe	587000		1840000		1390000		364000		285000		423000		1390000		1190000		990000		242000	
Chromium	7440-47-3	ppm-Fe	804		1640		1090		756		743		787		1330		4570		3750		6690	
Cobalt	7440-48-4	ppm-Fe	465		467		229		466		472		514		469		243		321		359	
Copper	7440-50-8	ppm-Fe	895		6780		1180		897		1050		1010		831		1760		2610		8060	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	319		10500		4080		653		624		605		443		5260		4220		9190	
Magnesium	7439-95-4	ppm-Fe	320000		175000		399000		295000		315000		324000		337000		153000		165000		239000	
Manganese	7439-96-5	ppm-Fe	24800		14800		9440		23200		22200		25300		32000		8720		11100		18500	
Mercury	7439-97-6	ppm-Fe	0	U	0	U	10.6		0	U	0	U	0.28	U	0	U	105		0	U	0	U
Nickel	7440-02-0	ppm-Fe	930		2890		525		912		978		1010		1090		1050		1130		1020	
Potassium	7440-09-7	ppm-Fe	122000		58700		19900		90500		94800		94400		131000		54900		59400		77400	
Selenium	7782-49-2	ppm-Fe	16.9	U	53.7		176		53.4		71.8		90.9		25.3	U	102		108		64.5	
Silver	7440-22-4	ppm-Fe	3.9	U	36		52.8		34.4		35.9		45.5		5.8	U	55.9		44.4		137	
Sodium	7440-23-5	ppm-Fe	10700		122000		63900		17500		63000		9270		33700		89100		88300		139000	
Thallium	7440-28-0	ppm-Fe	26.2	U	31.4	U	52.8		30.2	U	20.7	U	26.6	U	39	U	25.3	U	27	U	39.4	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1200		2460		405		1020		967		1010		1200		1380		1010		911	
Zinc	7440-66-6	ppm-Fe	2560		30800		4130		2200		2290		2380		2810		6150		4920		11300	

Table B-4
Iron-Normalized Inorganics

		Location ID	DRB-04		DRB-04		DRB-05		DRB-05		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED083	
		Sample Name	DRB4005		DRB4051		DRB5005		DRB5051		ER02SED083G-01		ER02SED083G-02		ER02SED083G-03		ER02SED083G-04		ER02SED083G-05		ER02SED083G-06	
		Date Collected	11/16/2005		11/16/2005		11/16/2005		11/16/2005		12/3/2007		12/3/2007		12/3/2007		12/3/2007		12/3/2007		12/3/2007	
		Depth	0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	446000		373000		453000		444000		348000		426000		329000		268000		441000		457000	
Antimony	7440-36-0	ppm-Fe	30.5	U	37.4	U	170		115		10300		4540		3040		15700		1130		126	U
Arsenic	7440-38-2	ppm-Fe	250		310		574		581		701		626		602		720		235		169	
Barium	7440-39-3	ppm-Fe	1720		1590		5920		6810		9490		10100		7990		13800		4160		4060	
Beryllium	7440-41-7	ppm-Fe	27.5		34.2		21.5		19.5		18.5		21.6		16.3		14.4		23.8		26.4	
Cadmium	7440-43-9	ppm-Fe	3	U	3.9	U	2.4	U	2.2	U	189		358		268		198		78.3		5.1	
Calcium	7440-70-2	ppm-Fe	128000		126000		229000		215000		327000		184000		152000		154000		59400		21500	
Chromium	7440-47-3	ppm-Fe	915		794		6160		6580		7220		6670		7920		2580		883		807	
Cobalt	7440-48-4	ppm-Fe	415		381		426		387		346		331		271		259		384		437	
Copper	7440-50-8	ppm-Fe	1000		658		3810		4060		12900		12800		12800		6820		907		433	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	610		658		4220		4860		23400		18600		20000		13200		5230		390	
Magnesium	7439-95-4	ppm-Fe	221000		205000		262000		261000		186000		207000		167000		155000		177000		199000	
Manganese	7439-96-5	ppm-Fe	36000		29400		15300		15200		7170		8440		8190		7590		9320		5710	
Mercury	7439-97-6	ppm-Fe	1.4		0	U	41.5		0	U	133		262		262		62.3		0.5	U	0.55	U
Nickel	7440-02-0	ppm-Fe	750		690		1020		1030		3430		2470		1980		1320		726		764	
Potassium	7440-09-7	ppm-Fe	92000		73500		97900		92700		67100		79800		64400		54600		68700		73200	
Selenium	7782-49-2	ppm-Fe	31.5	U	135		62.3		176		53.7		62.8		47		31.4		14.2		13	
Silver	7440-22-4	ppm-Fe	27.5		34.2		62.3		76.7		110		301		179		39		1.6		0.63	
Sodium	7440-23-5	ppm-Fe	236000		250000		189000		205000		243000		306000		239000		178000		167000		79900	
Thallium	7440-28-0	ppm-Fe	48.5	U	60.6	U	38.1	U	35.1	U	6.8		7.1		6.5		7		4.6		4.7	
Titanium	7440-32-6	ppm-Fe									12000		12400		10900		8210		10900		11600	
Vanadium	7440-62-2	ppm-Fe	1140		1000		1040		1040		1430		1600		1390		1100		1160		1330	
Zinc	7440-66-6	ppm-Fe	2220		2100		9970		9810		19200		22000		18500		11500		3420		1690	

		Location ID	ER02SED083		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084	
		Sample Name	ER02SED083G-07		ER02SED084D-01		ER02SED084D-02		ER02SED084D-03		ER02SED084D-04		ER02SED084D-05		ER02SED084D-06		ER02SED084D-07		ER02SED084D-08		ER02SED084D-09	
		Date Collected	12/3/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007	
		Depth	7.5-9.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	481000		461000		444000		463000		566000		475000		380000		467000		652000		632000	
Antimony	7440-36-0	ppm-Fe	133	U	287	U	234	U	239	U	222	U	195	U	168	U	144	U	121	U	137	U
Arsenic	7440-38-2	ppm-Fe	9.9		311		318		399		360		489		516		273		178		11.8	
Barium	7440-39-3	ppm-Fe	4120		5000		5710		6610		8310		7240		6380		1480		3930		2230	
Beryllium	7440-41-7	ppm-Fe	32.2		19.7		24.5		24.8		21.2		24.4		23.3		23.1		23.1		34.9	
Cadmium	7440-43-9	ppm-Fe	6.4		146		241		275		212		244		362		10.2		5.3		6.1	
Calcium	7440-70-2	ppm-Fe	49800		265000		231000		227000		232000		245000		170000		57300		23300		33000	
Chromium	7440-47-3	ppm-Fe	948		2940		4060		5500		4460		5430		5160		1040		858		986	
Cobalt	7440-48-4	ppm-Fe	425		343		326		330		365		348		330		328		611		448	
Copper	7440-50-8	ppm-Fe	605		13100		12500		13200		10700		11600		10700		650		599		613	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	455		15300		18900		22100		20100		17600		20600		932		421		439	
Magnesium	7439-95-4	ppm-Fe	283000		298000		263000		250000		253000		239000		189000		200000		294000		316000	
Manganese	7439-96-5	ppm-Fe	7640		7830		8890		9450		9370		9410		7600		11000		7850		8110	
Mercury	7439-97-6	ppm-Fe	0.56	U	43.3		61.3		78		52.4		15.8		122		4.4		0.77		0.43	U
Nickel	7440-02-0	ppm-Fe	1020		1710		1770		2000		2130		3340		2740		680		1040		1150	
Potassium	7440-09-7	ppm-Fe	119000		91700		82800		85300		88400		86000		66300		82800		107000		110000	
Selenium	7782-49-2	ppm-Fe	11.2		51.2		53.6		55		31.7		41.6		43		12.4		3		0.8	U
Silver	7440-22-4	ppm-Fe	0.64		118		172		229		153		195									
Sodium	7440-23-5	ppm-Fe	76000		547000		414000		402000		291000		261000		239000		147000		80600		75900	
Thallium	7440-28-0	ppm-Fe	6.9		6.3		6.9		6.9		5.8		7.2		6.8		5.5		5.7		7.6	
Titanium	7440-32-6	ppm-Fe	15700		18500		16800		15700		16700		14400		12000		11400		14100		16300	
Vanadium	7440-62-2	ppm-Fe	1150		1880		1740		1830		1770		1660		1560		1260		1170		1200	
Zinc	7440-66-6	ppm-Fe	2260		26600		24000		23200		19300		24300		23700		2260		2430		2620	

		Location ID	G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004	
		Sample Name	LPRP-SCSH-PSR-000990		LPRP-SCSH-PSR-000991		LPRP-SCSH-PSR-000992		LPRP-SCSH-PSR-000993		LPRP-SCSH-PSR-000994		LPRP-SCSH-PSR-000995		LPRP-SCSH-PSR-000996		LPRP-SCSH-PSR-000997		LPRP-SCSH-PSR-000998		LPRP-SCSH-PSR-000999	
		Date Collected	9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005	
		Depth	0.0-0.3		0.3-0.5		0.5-0.7		0.7-1.0		1.0-1.2		1.2-1.5		1.5-1.7		1.7-2.0		2.0-2.5		2.5-3.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	390000		419000		427000		439000		437000		429000		407000		417000		430000		401000	
Antimony	7440-36-0	ppm-Fe	88	U	96.2	U	84.7	U	79.8	U	81.4	U	82.7	U	80.7	U	80.1	U	76.4	U	74.5	U
Arsenic	7440-38-2	ppm-Fe	304		315		329		316		359		372		393		353		366		438	
Barium	7440-39-3	ppm-Fe	2940		4120		3530		3340		2690		2660		2620		1050		2750		3410	
Beryllium	7440-41-7	ppm-Fe	16.4		28.5		19.7		19.6		15.3		15.8		15.1		6.7		15.6		21.8	
Cadmium	7440-43-9	ppm-Fe	88		127		125		104		71.2		67.7		80.7		35.3		92.4		117	
Calcium	7440-70-2	ppm-Fe	199000		215000		200000		206000		225000		194000		208000		179000		179000		197000	
Chromium	7440-47-3	ppm-Fe	2430		3620		3250		3100		2690		2840		2840		1210		2800		3980	
Cobalt	7440-48-4	ppm-Fe	232		327		285		264		224		244		235		103		248		289	
Copper	7440-50-8	ppm-Fe	3970		5460		4980		4480		3560		3650		3610		1710		4080		4930	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	5280		7690		6310		5740		4310		4470		4630		1970		5190		6680	
Magnesium	7439-95-4	ppm-Fe	266000		278000		256000		263000		277000		278000		279000		269000		269000		258000	
Manganese	7439-96-5	ppm-Fe	12200		16200		16200		12900		10600		10700		11700		4710		12700		17900	
Mercury	7439-97-6	ppm-Fe	72		76.9		64.4		42.9		91.5		75.2		80.7		70.5		60.5		77.4	
Nickel	7440-02-0	ppm-Fe	728		1030		878		850		769		853		937		452		1210		1150	
Potassium	7440-09-7	ppm-Fe	80400		88500		81700		88700		93200				88400		84900		83400		84000	
Selenium	7782-49-2	ppm-Fe	44	U	50	U	40.7	U	39.9	U	19.7	U	41.4	U	38.6	U	41.7	U	38.2	U	27.2	U
Silver	7440-22-4	ppm-Fe	68		104		91.5		85.9		74.6		67.7		73.7		35.3		76.4		97.4	
Sodium	7440-23-5	ppm-Fe	364000		385000		298000		267000		260000		290000		264000		282000		252000		259000	
Thallium	7440-28-0	ppm-Fe	44	U	50	U	40.7	U	39.9	U	40.7	U	41.4	U	38.6	U	41.7	U	38.2	U	37.2	U
Titanium	7440-32-6	ppm-Fe	10600		12200		11900		10700		10900		10800		10300		10300		9970		9660	
Vanadium	7440-62-2	ppm-Fe	728				864		807		664		695		702		311		768		968	
Zinc	7440-66-6	ppm-Fe	11200		15700		13100		11300		8030		8160		8320		3970		10500		12600	

Table B-4
Iron-Normalized Inorganics

		Location ID	G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004	
		Sample Name	LPRP-SCSH-PSR-001001		LPRP-SCSH-PSR-001002		LPRP-SCSH-PSR-001003		LPRP-SCSH-PSR-001004		LPRP-SCSH-PSR-001005		LPRP-SCSH-PSR-001006		LPRP-SCSH-PSR-001007		LPRP-SCSH-PSR-001008		LPRP-SCSH-PSR-001009		LPRP-SCSH-PSR-001010	
		Date Collected	9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005	
		Depth	3.5-3.9		3.9-4.4		4.4-4.9		4.9-5.4		5.4-5.9		5.9-6.4		6.4-6.9		6.9-7.4		7.4-7.9		7.9-8.4	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	440000		466000		517000		519000		513000		516000		524000		529000		531000		480000	
Antimony	7440-36-0	ppm-Fe	62.8	U	74.8	U	75.5	U	85.3	U	72.8	U	67.7	U	74.9	U	79.2	U	69.1	U	67.3	U
Arsenic	7440-38-2	ppm-Fe	399		507		687		652		755		706		622		617		618		1050	
Barium	7440-39-3	ppm-Fe	2630		5610		7510		6620		7250		6550		7380		7290		7530		7250	
Beryllium	7440-41-7	ppm-Fe	18.9		25.2		26.8		27.6		30.8		26.8		34.8		27.5		29.1		26.3	
Cadmium	7440-43-9	ppm-Fe	101		323		445		437		487		435		513		471		531		450	
Calcium	7440-70-2	ppm-Fe	173000		216000		231000		241000		280000		296000		320000		322000		326000		265000	
Chromium	7440-47-3	ppm-Fe	3390		8300		10900		10300		11400		10000		11100		10600		12800		19200	
Cobalt	7440-48-4	ppm-Fe	219		395		419		386		377		381		427		396		447		346	
Copper	7440-50-8	ppm-Fe	4070		9390		11400		10300		11100		9260		9330		9040		9600		11100	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	5050		13700		20600		18800		19300		17100		16100		16400		16800		14800	
Magnesium	7439-95-4	ppm-Fe	243000		244000		240000		241000		240000		250000		262000		253000		267000		237000	
Manganese	7439-96-5	ppm-Fe	11300		15900		14200		11900		12800		13200		15500		15300		16100		12500	
Mercury	7439-97-6	ppm-Fe	82		177		249		249		222		181		157		171		138		321	
Nickel	7440-02-0	ppm-Fe	779		1660		1940		1660		1790		1640		1700		1660		1870		1690	
Potassium	7440-09-7	ppm-Fe	82200		71100		70200		72700		71900		72900		79000		72500		79300		74600	
Selenium	7782-49-2	ppm-Fe	17.8	U	44.2		67.9		34.1	U	36.4		51.6		29.6		26.3	U	27.3	U	45.9	
Silver	7440-22-4	ppm-Fe	71		139		185		184		179		210		172		167		164		144	
Sodium	7440-23-5	ppm-Fe	186000		219000		228000		254000		229000		209000		220000		196000		219000		185000	
Thallium	7440-28-0	ppm-Fe	30.1	U	37.4	U	41.5	U	41	U	36.4	U	35.5	U	37.5	U	38.8	U	36.4	U	33.6	U
Titanium	7440-32-6	ppm-Fe	9020		11400		12100		12100		12000		12700		11700		12900		11300		11000	
Vanadium	7440-62-2	ppm-Fe	675		1310		1600		1470		1600		1520		1630		1530		1640		1820	
Zinc	7440-66-6	ppm-Fe	9320		23700		29700		27600		30500		24700		24400		24000		27200		26800	

		Location ID	G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004	
		Sample Name	LPRP-SCSH-PSR-001011		LPRP-SCSH-PSR-001012		LPRP-SCSH-PSR-001013		LPRP-SCSH-PSR-001014		LPRP-SCSH-PSR-001015		LPRP-SCSH-PSR-001016		LPRP-SCSH-PSR-001017		LPRP-SCSH-PSR-001018		LPRP-SCSH-PSR-001019		LPRP-SCSH-PSR-001020	
		Date Collected	9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005	
		Depth	7.9-8.4		8.4-8.9		8.4-8.9		8.9-9.4		9.4-9.8		9.8-10.3		10.3-10.8		10.8-11.3		11.3-11.8		11.8-12.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	479000		461000		465000		455000		503000		440000		404000		434000		420000		423000	
Antimony	7440-36-0	ppm-Fe	77.5	U	66.7	U	63	U														
Arsenic	7440-38-2	ppm-Fe	1040		1400		1360		1750		1350		1510		3440		3820		2580		2120	
Barium	7440-39-3	ppm-Fe	7920		7790		7400															
Beryllium	7440-41-7	ppm-Fe	28.2		23.7		20.7															
Cadmium	7440-43-9	ppm-Fe	486		565		556															
Calcium	7440-70-2	ppm-Fe	266000		265000		255000		269000		190000		172000		127000		167000		140000		158000	
Chromium	7440-47-3	ppm-Fe	21500		22900		21800															
Cobalt	7440-48-4	ppm-Fe	391		347		333															
Copper	7440-50-8	ppm-Fe	12300		12900		12300															
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	16700		15100		14500															
Magnesium	7439-95-4	ppm-Fe	240000		245000		224000		232000		218000		209000		186000		210000		211000		217000	
Manganese	7439-96-5	ppm-Fe	14100		9920		9530															
Mercury	7439-97-6	ppm-Fe	299		387		402															
Nickel	7440-02-0	ppm-Fe	1860		1890		1840															
Potassium	7440-09-7	ppm-Fe	79200		77900		74000		76700		72100		75800		67100		73700		78400		76600	
Selenium	7782-49-2	ppm-Fe	59.9		56		42															
Silver	7440-22-4	ppm-Fe	155		147		144															
Sodium	7440-23-5	ppm-Fe	220000		381000		247000		232000		225000		248000		221000		269000		235000		193000	
Thallium	7440-28-0	ppm-Fe	38.7	U	34.7	U	31.5	U														
Titanium	7440-32-6	ppm-Fe	11200		10600		10400		9510		10000		8380		8510		8980		7600		8540	
Vanadium	7440-62-2	ppm-Fe	2100		1980		1870															
Zinc	7440-66-6	ppm-Fe	29800		35700		34900															

		Location ID	G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004		G0000004	
		Sample Name	LPRP-SCSH-PSR-001021		LPRP-SCSH-PSR-001022		LPRP-SCSH-PSR-001023		LPRP-SCSH-PSR-001024		LPRP-SCSH-PSR-001025		LPRP-SCSH-PSR-001026		LPRP-SCSH-PSR-001027		LPRP-SCSH-PSR-001028		LPRP-SCSH-PSR-001029		LPRP-SCSH-PSR-001030	
		Date Collected	9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005		9/19/2005	
		Depth	12.3-12.8		12.3-12.8		12.8-13.3		13.3-13.8		13.8-14.3		14.3-14.8		14.8-15.3		15.3-15.8		15.8-16.0		16.0-16.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	442000		428000		411000		448000		498000		401000		429000		434000		408000		393000	
Antimony	7440-36-0	ppm-Fe											62.7	U	67.7	U	75.8	U	121	U	4.7	U
Arsenic	7440-38-2	ppm-Fe	1850		2020		1840		1640		1150		1210		1180		1210		734		157	
Barium	7440-39-3	ppm-Fe											5990		13600		5710		4660		1710	
Beryllium	7440-41-7	ppm-Fe											15.4	U	19.2		18.2	U	29.1	U	43.9	U
Cadmium	7440-43-9	ppm-Fe											65.8		124		55.6		43.2		9.4	
Calcium	7440-70-2	ppm-Fe	154000		171000		125000		137000		281000		206000		197000		175000		202000		90800	
Chromium	7440-47-3	ppm-Fe											4390		8380		4090		2940		987	
Cobalt	7440-48-4	ppm-Fe											157		286		157		291		298	
Copper	7440-50-8	ppm-Fe											4950		9210		4950		4050		1030	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe											6050		13200		6460		4710		2070	
Magnesium	7439-95-4	ppm-Fe	228000		226000		212000		218000		247000		239000		241000		229000		229000		199000	
Manganese	7439-96-5	ppm-Fe											6240		11300		5300		8430		5890	
Mercury	7439-97-6	ppm-Fe											116		132		101		58.3		8.8	
Nickel	7440-02-0	ppm-Fe											592		1030		561		754		517	
Potassium	7440-09-7	ppm-Fe	81400		81900		77200		80300		67800		77400		83800		77800		70300		51700	
Selenium	7782-49-2	ppm-Fe											31	U	31.6		36.9	U	59.3	U	87.8	U
Silver	7440-22-4	ppm-Fe											40.8		86.5		37.4		50.3		6.3	
Sodium	7440-23-5	ppm-Fe	185000		195000		201000		203000		188000		184000		183000		166000		119000		124000	
Thallium	7440-28-0	ppm-Fe											31	U	33.1	U	36.9	U	59.3	U	3.1	U
Titanium	7440-32-6	ppm-Fe	7590		7000		7410		7420		9650		6330		6920		8380		11800	U	17400	U
Vanadium	7440-62-2	ppm-Fe											527		992		480		724		690	
Zinc	7440-66-6	ppm-Fe											9940		19800		10200		7970		3390	

		Location ID	G0000056		G0000058		G0000059		G0000174		G0000175		G0000175		G0000176		G0000176		G0000177		G0000177	
		Sample Name	LPRP-SCSH-PSR-001597		LPRP-SCSH-PSR-001599		LPRP-SCSH-PSR-001600		LPRP-SCSH-PSR-001676		LPRP-SCSH-PSR-001678		LPRP-SCSH-PSR-001679		LPRP-SCSH-PSR-001680		LPRP-SCSH-PSR-001681		LPRP-SCSH-PSR-001682		LPRP-SCSH-PSR-001683	
		Date Collected	12/11/2007		12/11/2007		12/11/2007		6/10/2008		6/10/2008		6/10/2008		6/10/2008		6/10/2008		6/10/2008		6/10/2008	
		Depth	0.0-0.1		0.0-0.1		0.0-0.1		0.0-0.1		0.0-0.1		0.0-0.5		0.0-0.1		0.0-0.5		0.0-0.1		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	587000		567000		477000		464000		498000		521000		514000		529000		540000		537000	
Antimony	7440-36-0	ppm-Fe	61	U	61.8	U	52.9	U	62.2	U	85.1	U	83.3	U	69	U	81.9	U	48	U	49.2	U
Arsenic	7440-38-2	ppm-Fe	315		298		250		306		323		333		356		456		384		402	
Barium	7440-39-3	ppm-Fe	3780		4280		5560		4740		5110		5630		4000		4260		3880		3990	
Beryllium	7440-41-7	ppm-Fe	27.7		25.8		22.9		18.1		19.6		21.3		21.3		21.6		25.6		26.2	
Cadmium	7440-43-9	ppm-Fe	108		129		129		77.7		106		100		92		111		36.4		27	
Calcium	7440-70-2	ppm-Fe	212000		261000		426000		226000		209000		230000		197000		198000		195000		218000	
Chromium	7440-47-3	ppm-Fe	3920		4070	U	3460		3090		3620		3530		3960		4330		3240		3230	
Cobalt	7440-48-4	ppm-Fe	362		371		407		363		366		346		362		392		364		369	
Copper	7440-50-8	ppm-Fe	5020		5390	U	5780		4630		5570		5420		5130		5230		3780		3490	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	6530		7470		12900		7880		8510		7920		6720		7370		4240		3890	
Magnesium	7439-95-4	ppm-Fe	287000		276000		240000		235000		235000		221000		255000		247000		275000		280000	
Manganese	7439-96-5	ppm-Fe	14700	U	13000		16000		19500		20200		25000		13100		11700		15600		14500	
Mercury	7439-97-6	ppm-Fe	65.7		61.8		78.6		46.1		39.1		50		69		129		56		61.5	
Nickel	7440-02-0	ppm-Fe	1200		1310		1360	U	1100		1230		1170		1210		1320		1120		1110	
Potassium	7440-09-7	ppm-Fe	110000		97800		69100		80800		85100		82100		97100		95300		119000		124000	
Selenium	7782-49-2	ppm-Fe	16	U	11.2		16.4	U	98.4		106		125		86.2		70.2		76		82	
Silver	7440-22-4	ppm-Fe	75.1		78.7		107		62.2		68.1		70.8		80.5		135		68		61.5	
Sodium	7440-23-5	ppm-Fe	401000		338000		230000		353000		396000		325000		346000		284000		378000		370000	
Thallium	7440-28-0	ppm-Fe	30.5	U	30.3	U	26.4	U	26.9		28.1		20		28.7		27.5		9.2		24.6	
Titanium	7440-32-6	ppm-Fe	16900		19300		19300		18400		18900		18100		17900		19800		16100		16900	
Vanadium	7440-62-2	ppm-Fe	1370		1460		1410		1390		1470		1480		1450		1510		1380		1380	
Zinc	7440-66-6	ppm-Fe	15200		16700		19200		16300		19300		18800		14500		15100		9560		8570	

		Location ID	G0000178		G0000178		G0000179		G0000179		G0000180		G0000180		G0000180		G0000181		G0000181		G0000182	
		Sample Name	LPRP-SCSH-PSR-001684		LPRP-SCSH-PSR-001685		LPRP-SCSH-PSR-001686		LPRP-SCSH-PSR-001687		LPRP-SCSH-PSR-001688		LPRP-SCSH-PSR-001690		LPRP-SCSH-PSR-001691		LPRP-SCSH-PSR-001692		LPRP-SCSH-PSR-001693		LPRP-SCSH-PSR-001694	
		Date Collected	6/10/2008		6/10/2008		6/10/2008		6/10/2008		6/9/2008		6/9/2008		6/9/2008		6/9/2008		6/9/2008		6/9/2008	
		Depth	0.0-0.1		0.0-0.5		0.0-0.1		0.0-0.5		0.0-0.1		0.0-0.5		0.0-0.5		0.0-0.1		0.0-0.5		0.0-0.1	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	561000		547000		533000		553000		555000		529000		532000		585000		578000		536000	
Antimony	7440-36-0	ppm-Fe	73.2	U	68.4	U	39.5	U	47.4	U	68.2		49.5		64.5		71.9		67.4		141	U
Arsenic	7440-38-2	ppm-Fe	366		329		515		353		380		381		400		359		348		543	
Barium	7440-39-3	ppm-Fe	4510		4740		2610		1680		3700		3530		3710		4280		4360		4470	
Beryllium	7440-41-7	ppm-Fe	23.6		22.2		22.8		23.2		24		23.8		23.9		24.2		22.7		20	
Cadmium	7440-43-9	ppm-Fe	81.3		81.2		41.3		11.6		58.4		43.3		45.2		81.7		88.7		31.4	
Calcium	7440-70-2	ppm-Fe	207000		198000		149000		98900		364000		192000		190000		188000		177000		193000	
Chromium	7440-47-3	ppm-Fe	3560		3410		2620		1350		3570		3410		3390		3590		3620		5010	
Cobalt	7440-48-4	ppm-Fe	374		350		395		374		351		337		342		373		365		443	
Copper	7440-50-8	ppm-Fe	4920		4790		3220		1150		4350		3870		3940		5030		5210		3500	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	6590		6540		4270		1470		5260		4490		4520		6500		6910		8970	
Magnesium	7439-95-4	ppm-Fe	257000		258000		225000		224000		268000		257000		259000		265000		256000		243000	
Manganese	7439-96-5	ppm-Fe	20100		20100		12300		14400		18500		17700		17900		18900		21700		11400	
Mercury	7439-97-6	ppm-Fe	61		59.8		71.9		16.8		55.2		55.7		51.6		55.6		53.2		51.4	
Nickel	7440-02-0	ppm-Fe	1180		1110		1050		837		1050		1030		1050		1120		1120		1300	
Potassium	7440-09-7	ppm-Fe	103000		103000		96400		109000				114000		115000		109000		101000		91700	
Selenium	7782-49-2	ppm-Fe	81.3		98.3		65.9		63.2		97.4		83.6		96.8		101		103		52.9	
Silver	7440-22-4	ppm-Fe	73.2		76.9		27.5		11.6		71.4		58.8		61.3		78.4		78		34.3	
Sodium	7440-23-5	ppm-Fe	439000		500000		221000		245000		477000		396000		400000		464000		475000		284000	
Thallium	7440-28-0	ppm-Fe	28		30.3		25.2		23.7		16.6		13		20.3		13.1		10.3		45.7	
Titanium	7440-32-6	ppm-Fe	18100		17800		17200		14600		15900		14800		14900		18200		17800		21000	
Vanadium	7440-62-2	ppm-Fe	1480		1440		1340		1320		1390		1320		1320		1490		1460		1270	
Zinc	7440-66-6	ppm-Fe	15500		15300		7960		3670		12300		10200		10100		15400		16200		13700	

		Location ID	G0000182		G0000183		G0000184		G0000185		G0000185		G0000186		G0000187		G0000188		G0000189		G0000190	
		Sample Name	LPRP-SCSH-PSR-001695		LPRP-SCSH-PSR-001697		LPRP-SCSH-PSR-001699		LPRP-SCSH-PSR-001702		LPRP-SCSH-PSR-001703		LPRP-SCSH-PSR-001705		LPRP-SCSH-PSR-001707		LPRP-SCSH-PSR-001709		LPRP-SCSH-PSR-001711		LPRP-SCSH-PSR-001713	
		Date Collected	6/9/2008		6/9/2008		6/9/2008		6/9/2008		6/9/2008		6/10/2008		6/10/2008		6/10/2008		6/10/2008		6/10/2008	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	540000		550000		561000		535000		536000		518000		552000		523000		523000		533000	
Antimony	7440-36-0	ppm-Fe	188	U	82.6		80.7		88.5		71.9		70.1	U	73.3	U	50.7	U	106	U	102	U
Arsenic	7440-38-2	ppm-Fe	650		413		426		415		392		484		388		437		520		803	
Barium	7440-39-3	ppm-Fe	2800		4210		3940		3820		3780		3970		3840		3630		5870		4350	
Beryllium	7440-41-7	ppm-Fe	18.8		23.1		24.2		22.7		22.7		22.9		23.3		23.2		21.8		23.8	
Cadmium	7440-43-9	ppm-Fe	20.2		103		103		100		101		63.7		86.2		45.1		173		95.2	
Calcium	7440-70-2	ppm-Fe	1130000		164000		157000		174000		171000		173000		171000		177000		177000		172000	
Chromium	7440-47-3	ppm-Fe	4470		4630		4710		4000		4100		4480		3940		3840		3920		5010	
Cobalt	7440-48-4	ppm-Fe	462		372		368		358		360		363		362		359		358		388	
Copper	7440-50-8	ppm-Fe	4210		5500		5470		5350		5400		5170		5300		4120		5750		6530	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	4210		7150		6500		7310		7230		5540		7030		4580		8320		7010	
Magnesium	7439-95-4	ppm-Fe	246000		246000		260000		251000		245000		262000		261000		254000		244000		257000	
Manganese	7439-96-5	ppm-Fe	11600		10300		10500		12400		12300		11500		10900		13300		11900		11200	
Mercury	7439-97-6	ppm-Fe	62.1		74.4		126		65.4		64.7		108		73.3		57.7		83.8		122	
Nickel	7440-02-0	ppm-Fe	1420		1290		1310		1200		1190		1220		1190		1140		1150		1330	
Potassium	7440-09-7	ppm-Fe	89300		99600		109000		99200		98900		106000		102000		105000		97200		105000	
Selenium	7782-49-2	ppm-Fe	65		78.5		67.3		92.3		75.5		76.4		73.3		77.5		95		74.8	
Silver	7440-22-4	ppm-Fe	41.9		82.6		89.7		104		82.7		70.1		86.2		59.2		78.2		68	
Sodium	7440-23-5	ppm-Fe	236000		228000		315000		336000		301000		331000		394000		301000		263000		323000	
Thallium	7440-28-0	ppm-Fe	15.9		21.1		26		15		23		29.3		9.1		7.8		24.6		30.6	
Titanium	7440-32-6	ppm-Fe	20800		18100		18300		17400		17300		17800		17700		16100		18000		18000	
Vanadium	7440-62-2	ppm-Fe	1240		1480		1470		1430		1440		1390		1460		1290		1350		1350	
Zinc	7440-66-6	ppm-Fe	11200		15500		14400		16800		16600		11300		16300		9790		17900		13100	

Table B-4
Iron-Normalized Inorganics

		Location ID	G0000191		HKA05		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED069		HR01SED069	
		Sample Name	LPRP-SCSH-PSR-001715		1JMS00003		HR01SED067B-01		HR01SED067B-02		HR01SED067B-03		HR01SED067B-04		HR01SED067B-05		HR01SED067B-06		HR01SED069C-01		HR01SED069C-02	
		Date Collected	6/10/2008		7/13/1999		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005	
		Depth	0.0-0.5		0.0-0.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	524000		459000		641000		995000		406000		589000		528000		514000		418000		529000	
Antimony	7440-36-0	ppm-Fe	104	U	37.6	U	168	U	161	U	47.9	U	42.5	U	39.3	U	41.7	U	62.5	U	44.2	U
Arsenic	7440-38-2	ppm-Fe	563		415		248		233		229		319		301		328		375		279	
Barium	7440-39-3	ppm-Fe	4810		4300		2320		3090		1010		1570		1490		1500		3450		3250	
Beryllium	7440-41-7	ppm-Fe	23.7		33.6		24.8		29.5		14.1		23.4		22.5		21.9		19.3		24	
Cadmium	7440-43-9	ppm-Fe	73.3		52.4		8.7		7.8	U	2.5		2	U	1.9	U	2	U	4.2		2.2	U
Calcium	7440-70-2	ppm-Fe	189000		200000		180000		175000		60200		65200		70800		76400		247000		351000	
Chromium	7440-47-3	ppm-Fe	5700		5330		1810		1710		683		1040		978		958		1090		865	
Cobalt	7440-48-4	ppm-Fe	378		362		490		446		330		348		329		331		359		385	
Copper	7440-50-8	ppm-Fe	5810		3930		1190		741		345		398		393		400		573		514	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	7300		4330		1700		637		320		415		382		386		646		409	
Magnesium	7439-95-4	ppm-Fe	253000		274000		307000		348000		148000		221000		203000		200000		188000		247000	
Manganese	7439-96-5	ppm-Fe	11400		16000		10100		11000		10000		11000		11300		11800		23400		21800	
Mercury	7439-97-6	ppm-Fe	119		105		13.4		40.4		1.7		0.79		0.79		0.78		7.3		0.72	
Nickel	7440-02-0	ppm-Fe	1270		1080		1170		1030		738		775		713		692		667		764	
Potassium	7440-09-7	ppm-Fe	104000		106000		195000		272000		95200		141000		127000		126000		103000		144000	
Selenium	7782-49-2	ppm-Fe	68.9		118		107	U	104	U	32.7	U	26.2	U	25	U	25.6	U	37	U	28.4	U
Silver	7440-22-4	ppm-Fe	68.9		83		30.9	U	30.1	U	9.1	U	7.8	U	7.6	U	7.5	U	10.9	U	8.7	U
Sodium	7440-23-5	ppm-Fe	302000		344000		779000		819000		267000		201000		195000		195000		127000		98100	
Thallium	7440-28-0	ppm-Fe	9.6		78.6	U	215	U	207	U	63	U	53.9	U	53.4	U	52.8	U	78.1	U	57.7	U
Titanium	7440-32-6	ppm-Fe	17400				17200		24900		9770		15200		14800		14900		13000		16500	
Vanadium	7440-62-2	ppm-Fe	1380		1160		1810		2240		899		1300		1270		1240		1070		1180	
Zinc	7440-66-6	ppm-Fe	12400		8170		4890		2990		2310		2270		2680		2020		2510		2070	

Table B-4
Iron-Normalized Inorganics

		Location ID	HR02SED103		HRRISED003		HRRISED003		HRRISED003		HRRISED004		HRRISED004		HRRISED005		HRRISED005		HRRISED005		HRRISED005	
		Sample Name	HR02SED103E-01		HRRISED003C-01		HRRISED003C-02		HRRISED003C-03		HRRISED004B-01		HRRISED004B-02		HRRISED005B-01		HRRISED005B-02		HRRISED005B-03		HRRISED005B-04	
		Date Collected	12/13/2007		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006	
		Depth	0.0-0.5		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5		0.5-2.0		2.0-4.0		4.0-6.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	434000		230000		315000		504000		448000		522000		428000		391000		411000		433000	
Antimony	7440-36-0	ppm-Fe	361	U	64.5	U	13.8		44.2	U	76.9	U	71.4	U	39.2		49.3		56.5		37.3	
Arsenic	7440-38-2	ppm-Fe	485		446		165		254		303		250		748		1010		2450		1490	
Barium	7440-39-3	ppm-Fe	6360		5340		3010		3510		2930		2540		7610		6060		7300		8360	
Beryllium	7440-41-7	ppm-Fe	25.8		25.8	U	26.8		44.2		36.7		44.6		31	U	30.6	U	31.9	U	29.1	U
Cadmium	7440-43-9	ppm-Fe	42.3		46.9		28.7	U	44.2	U	38	U	35.7	U	196		243		194		93.3	
Calcium	7440-70-2	ppm-Fe	715000		396000		206000		202000		306000		96400		337000		164000		141000		161000	
Chromium	7440-47-3	ppm-Fe	4200		3810		715		788		1780		1140		14900		41200		30200		9480	
Cobalt	7440-48-4	ppm-Fe	372		308		320		481		394		464		425		338		343		354	
Copper	7440-50-8	ppm-Fe	2560		3460		1200		1060		1460		589		7160		9580		9310		8130	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	4060		17200		1060		560		2800		433		15200		9190		9480		9140	
Magnesium	7439-95-4	ppm-Fe	312000		168000		195000		301000		219000		243000		258000		206000		211000		235000	
Manganese	7439-96-5	ppm-Fe	18700		12400		15600		26100		22300		18200		17000		11900		11000		13100	
Mercury	7439-97-6	ppm-Fe	124		144		1.2		0.97		2.7		1.2		386		754		867		414	
Nickel	7440-02-0	ppm-Fe	918		1080		878		1010		873		1000		1530		1470		1290		1260	
Potassium	7440-09-7	ppm-Fe	102000		49900		64700		94100		89600		93300		76800		64800		70200		73500	
Selenium	7782-49-2	ppm-Fe	14.4		58.7		36.3		15.9		33.5		30.4		71.9		88		92.7		85.8	
Silver	7440-22-4	ppm-Fe			41.1		2.7		22.4	U	9.9		35.7	U	127		165		161		89.6	
Sodium	7440-23-5	ppm-Fe	268000		212000		63600		69000		167000		117000		184000		181000		190000		165000	
Thallium	7440-28-0	ppm-Fe	7.3		64.5	U	37.6	U	44.2	U	76.9	U	71.4	U	78.4	U	77.5	U	80.6	U	74.6	U
Titanium	7440-32-6	ppm-Fe	16300																			
Vanadium	7440-62-2	ppm-Fe	1180		971		661		1010		1170		1310		1670		2350		1450		1470	
Zinc	7440-66-6	ppm-Fe	6710		14500		3300		2530		3830		2740		16500		18500		16700		14400	

		Location ID	HRRISED005		HRRISED005		HRRISED005		HRRISED006		HRRISED006		HRRISED006		HRRISED007		HRRISED007		HRRISED008		HRRISED008	
		Sample Name	HRRISED005B-05		HRRISED005B-06		HRRISED005B-07		HRRISED006B-01		HRRISED006B-02		HRRISED006B-03		HRRISED007E-01		HRRISED007E-02		HRRISED008B-01		HRRISED008B-02	
		Date Collected	11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/7/2006		11/7/2006		11/1/2006		11/1/2006	
		Depth	6.0-8.0		8.0-10.0		10.0-12.0		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5		0.5-2.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	407000		448000		356000		426000		335000		399000		393000		386000		251000		274000	
Antimony	7440-36-0	ppm-Fe	35.7		39.2		58.8	U	134		60.5		48.9		125	U	70.5	U	326		277	
Arsenic	7440-38-2	ppm-Fe	1360		1050		509		2850		3430		4370		468		247		633		673	
Barium	7440-39-3	ppm-Fe	8720		6110		2640		9430		7200		5200		4650		1610		2840		4000	
Beryllium	7440-41-7	ppm-Fe	27.1	U	24.8	U	23.5	U	32.6	U	22.2	U	23.3	U	35.5		30.8		182		178	
Cadmium	7440-43-9	ppm-Fe	34.1	U	31	U	29.4	U	40.3	U	27.7	U	28.7	U	16.8		34.8	U	20.1	U	31.2	U
Calcium	7440-70-2	ppm-Fe	159000		211000		114000		101000		104000		101000		1510000		83700		409000		614000	
Chromium	7440-47-3	ppm-Fe	9500		5650		2790		16100		12300		9310		5260		916		2150		2450	
Cobalt	7440-48-4	ppm-Fe	341		395		304		346		259		333		398		344		1270		1060	
Copper	7440-50-8	ppm-Fe	7130		6180		2140		12800		10400		9450		5110		432		18700		14100	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	8640		6760		2450		17600		14000		10600		6000		410		22700		16000	
Magnesium	7439-95-4	ppm-Fe	227000		272000		185000		182000		154000		178000		247000		197000		212000		255000	
Manganese	7439-96-5	ppm-Fe	13200		16800		14000		9060		9820		12500		24100		41100		10900		10500	
Mercury	7439-97-6	ppm-Fe	260		105		30.1		235		179		218		103		4.3		9.3		43.1	
Nickel	7440-02-0	ppm-Fe	1120		1210		737		1760		1470		1950		1070		749		5240		3030	
Potassium	7440-09-7	ppm-Fe	69000		69300		57800		67100		51400		55200		80300		69200		58800		39200	
Selenium	7782-49-2	ppm-Fe	77.5		52.3		51.9		121		111		77.6		63.6	U	34.8	U	47.9		43.6	
Silver	7440-22-4	ppm-Fe	69.8		52.3		21.5		121		98.2		80.5		54.6		12.8		19.8		16.3	
Sodium	7440-23-5	ppm-Fe	146000		123000		111000		189000		126000		74100		261000		123000		53400		80700	
Thallium	7440-28-0	ppm-Fe	69.8	U	62.1	U	58.8	U	80.5	U	55.4	U	57.5	U	125	U	70.5	U	41.5	U	64.4	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1310		1150		872		1470		1040		983		1140		956		850		975	
Zinc	7440-66-6	ppm-Fe	14700		13000		5050		25600		18400		14900		8300		2170		116000		83200	

Table B-4
Iron-Normalized Inorganics

		Location ID	HRRISED009		HRRISED010		HRRISED010		HRRISED010		HRRISED039		HRRISED040		HRRISED041		HRRISED042		HRRISED043		HRRISED044	
		Sample Name	HRRISED009C-01		HRRISED010B-01		HRRISED010B-02		HRRISED010B-03		HRRISED039A-01		HRRISED040A-01		HRRISED041A-01		HRRISED042A-01		HRRISED043A-01		HRRISED044A-01	
		Date Collected	11/7/2006		11/3/2006		11/3/2006		11/3/2006		10/24/2006		10/26/2006		10/26/2006		10/24/2006		10/25/2006		10/25/2006	
		Depth	0.0-0.5		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	473000		421000		388000		387000		380000		388000		378000		103000		91900		278000	
Antimony	7440-36-0	ppm-Fe	153	U	80.7	U	59.5	U	51.5	U	75.9	U	84.2	U	76.9	U	25.6	U	26.4	U	88.8	U
Arsenic	7440-38-2	ppm-Fe	424		2890		5580		3610		630		487		512		272		238		297	
Barium	7440-39-3	ppm-Fe	7160		3790		4530		3690		3760		3920		4540		6140		4640		2610	
Beryllium	7440-41-7	ppm-Fe	61.2		31.8	U	24.4	U	20.6	U	31	U	40.3		42.3		10.2	U	10.4	U	35.9	U
Cadmium	7440-43-9	ppm-Fe	74.1	U	24.7		23.5		10.3		27.4		14.7		38.5		12.8	U	3.1		46.3	U
Calcium	7440-70-2	ppm-Fe	4320000		380000		96900		99700		163000		160000		198000		169000		76200		91900	
Chromium	7440-47-3	ppm-Fe	3540		5290		7900		7840		6470		4430		4540		1150		1520		2090	
Cobalt	7440-48-4	ppm-Fe	576		475		320		343		393		381		400		159		149		309	
Copper	7440-50-8	ppm-Fe	5210		6230		11200		11100		5970		7070		27800		15300		5350		5440	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	4550		6100		10400		9430		5410		4950		7420		4390		6160		14000	
Magnesium	7439-95-4	ppm-Fe	415000		208000		182000		171000		229000		229000		222000		127000		48500		138000	
Manganese	7439-96-5	ppm-Fe	31800		12800		12400		13700		16900		12700		13000		5350		4640		7140	
Mercury	7439-97-6	ppm-Fe	44.7		126		221		198		92.4		91.6		88.5		12.4		39.6		8.1	
Nickel	7440-02-0	ppm-Fe	1450		1540		1720		1660		1350		1210		1350		717		2110		1860	
Potassium	7440-09-7	ppm-Fe	108000		77600		66900		57200		74900		81000		69600		13400		12100		56000	
Selenium	7782-49-2	ppm-Fe	74.1	U	76.2		82.2		79.9		75.9		69.6		65.4		41.3		47.9		50.2	
Silver	7440-22-4	ppm-Fe	41.2		67.3		82.2		61.9		79.2		73.3		88.5		16.3		28.1		46.3	U
Sodium	7440-23-5	ppm-Fe	205000		130000		115000		49000		193000		199000		166000		36600		52600		216000	
Thallium	7440-28-0	ppm-Fe	153	U	80.7	U	59.5	U	51.5	U	75.9	U	84.2	U	76.9	U	25.6	U	26.4	U	88.8	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1260		1290		958		961		1350		1250		1220		571		563		1120	
Zinc	7440-66-6	ppm-Fe	7930		11300		14600		12600		10800		9630		18700		10300		9310		19500	

		Location ID	HRRISED045		HRRISED046		HRRISED047		HRRISED048		HRRISED049		HRRISED050		KK02SED081		KK02SED081		KK02SED081		KK02SED081	
		Sample Name	HRRISED045A-01		HRRISED046A-01		HRRISED047A-01		HRRISED048A-01		HRRISED049A-01		HRRISED050A-01		KK02SED081D-01		KK02SED081D-02		KK02SED081D-03		KK02SED081D-04	
		Date Collected	10/25/2006		10/25/2006		10/25/2006		11/1/2006		10/31/2006		11/1/2006		11/20/2007		11/20/2007		11/20/2007		11/20/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	399000		360000		364000		384000		381000		374000		534000		423000		515000		493000	
Antimony	7440-36-0	ppm-Fe	128	U	98.2	U	83.7	U	75.1	U	27.5		80.8	U	270	U	174	U	0.49	U	0.52	U
Arsenic	7440-38-2	ppm-Fe	404		411		951		263		413		448		409		464		333		289	
Barium	7440-39-3	ppm-Fe	4470		4020		5070		2890		3840		3770		7180		4600		1530		1060	
Beryllium	7440-41-7	ppm-Fe	50.5	U	39.7	U	33	U	28.9	U	31.2	U	32	U	32.8		27.2		28.4		28.9	
Cadmium	7440-43-9	ppm-Fe	63.3	U	24.1		7.9		14.5		39.4	U	18.2		117		58		9.1		8.9	
Calcium	7440-70-2	ppm-Fe	450000		396000		425000		157000		176000		187000		404000		181000		117000		121000	
Chromium	7440-47-3	ppm-Fe	3750		5000		5520		4310		4190		4580		3620		2600		977		926	
Cobalt	7440-48-4	ppm-Fe	394		379		360		358		340		370		453		393		345		326	
Copper	7440-50-8	ppm-Fe	3970		4320		5020		3500		3570		4340		15200		7460		1000		456	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	7760		7280		7340		4050		3950		4280		20600		11300		1780		467	
Magnesium	7439-95-4	ppm-Fe	397000		242000		267000		239000		232000		228000		331000		239000		236000		230000	
Manganese	7439-96-5	ppm-Fe	10700		13400		12900		11200		14400		14500		8030		11500		15500		18800	
Mercury	7439-97-6	ppm-Fe	83.5		152		148		69.4		75		87.5		562		80.4		23.5		0.67	U
Nickel	7440-02-0	ppm-Fe	1210		1170		1250		1110		1030		1170		2240		1590		898		826	
Potassium	7440-09-7	ppm-Fe	63600		73200		64500		82700		69400		78500		107000		86600		97700		97400	
Selenium	7782-49-2	ppm-Fe	63.3		71.4		69		60.7		59.5		60.6		29.9		31.3		15.2		18.1	
Silver	7440-22-4	ppm-Fe	42.2		62.5		49.3		66.5		64.2		60.6		380		214		4.2		2.3	
Sodium	7440-23-5	ppm-Fe	152000		248000		180000		200000		148000		156000		312000		222000		184000		210000	
Thallium	7440-28-0	ppm-Fe	128	U	98.2	U	83.7	U	34.7		77.1	U	80.8	U	7.2		6.3		4.6		4.4	
Titanium	7440-32-6	ppm-Fe													23100		13600		11100		12000	
Vanadium	7440-62-2	ppm-Fe	1590		1720		2160		1130		1120		1130		1850		1460		1210		1200	
Zinc	7440-66-6	ppm-Fe	19700		12300		10100		8700		8520		8550		29100		15000		3000		2210	

		Location ID	KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095	
		Sample Name	KK02SED081D-05		KK02SED081D-06		KK02SED081D-07		KK02SED081D-08		KK02SED081D-09		KK02SED095E-01		KK02SED095E-02		KK02SED095E-03		KK02SED095E-04		KK02SED095E-05	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	486000		487000		497000		486000		469000		424000		449000		448000		441000		427000	
Antimony	7440-36-0	ppm-Fe	0.59	U	0.59	U	163	U	146	U	159	U	181	U	156	U	162	U	150	U	156	U
Arsenic	7440-38-2	ppm-Fe	264		257		252		238		261		1450		1400		1270		1170		2260	
Barium	7440-39-3	ppm-Fe	1070		1080		1040		1020		984		6580		9810		11000		9810		6600	
Beryllium	7440-41-7	ppm-Fe	24.7		26		20.9		19.4		21.2		24.7		22.4		20.2		18.5		21	
Cadmium	7440-43-9	ppm-Fe	8		7.8		7.8		8.2		7.8		193		150		98.3		62.7		51.9	
Calcium	7440-70-2	ppm-Fe	134000		157000		129000		161000		147000		114000		163000		151000		150000		156000	
Chromium	7440-47-3	ppm-Fe	927		941		967		935		927		8850		6700		4680		4090		3570	
Cobalt	7440-48-4	ppm-Fe	326		327		329		323		322		296		308		280		283		280	
Copper	7440-50-8	ppm-Fe	438		465		383		361		347		8520		9750		8990		8340		7520	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	382		349		362		354		339		11100		11200		13100		12500		14000	
Magnesium	7439-95-4	ppm-Fe	236000		239000		240000		234000		227000		227000		235000		226000		225000		219000	
Manganese	7439-96-5	ppm-Fe	21000		19400		16300		16500		14500		10100		10100		10400		10600		10700	
Mercury	7439-97-6	ppm-Fe	0.73		1		0.92		0.48	U	0.53	U	144		162		116		104		173	
Nickel	7440-02-0	ppm-Fe	809		803		826		820		812		1290		1370		1190		1230		1500	
Potassium	7440-09-7	ppm-Fe	96900		95900		103000		98600		96700		95900		95000		98000		95600		91400	
Selenium	7782-49-2	ppm-Fe	14.2		15.2		10.6		9.9		10.6		45.3		56.1		57.8		79		69.2	
Silver	7440-22-4	ppm-Fe	4.2		1.9		1.9		1.7		1.8		144		140		136		120		92.2	
Sodium	7440-23-5	ppm-Fe	217000		216000		214000		198000		179000		288000		268000		286000		283000		268000	
Thallium	7440-28-0	ppm-Fe	3.8		4.1		3.8		3.4		3.9		9.9		9		9.3		8.2		9.2	
Titanium	7440-32-6	ppm-Fe	12100		12400		13000		12200		12600		14500		13200		12000		11300		10500	
Vanadium	7440-62-2	ppm-Fe	1150		1160		1180		1130		1130		1510		1530		1380		1290		1310	
Zinc	7440-66-6	ppm-Fe	2190		2190		2170		2130		2110		14000		15600		16100		14600		12500	

Table B-4
Iron-Normalized Inorganics

		Location ID	KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED096		KK02SED096		KK02SED096	
		Sample Name	KK02SED095E-06		KK02SED095E-07		KK02SED095E-08		KK02SED095E-09		KK02SED095E-10		KK02SED095E-11		KK02SED095E-12		KK02SED096D-01		KK02SED096D-02		KK02SED096D-03	
		Date Collected	11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/20/2007		11/20/2007		11/20/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	444000		397000		469000		512000		499000		525000		525000		445000		431000		452000	
Antimony	7440-36-0	ppm-Fe	144	U	126	U	132	U	136	U	142	U	131	U	0.5	U	182	U	176	U	178	U
Arsenic	7440-38-2	ppm-Fe	2440		2380		2080		1770		850		344		351		364		393		393	
Barium	7440-39-3	ppm-Fe	5830		5420		3720		2920		2120		1310		1220		2370		2840		2440	
Beryllium	7440-41-7	ppm-Fe	19.9		18.3		19.7		21.4		21.8		20.2		21.1		26		28.9		25.4	
Cadmium	7440-43-9	ppm-Fe	42.1		40.4		26.7		19.1		10.5		6		6.5		31.8		37.6		36.7	
Calcium	7440-70-2	ppm-Fe	148000		126000		119000		110000		120000		145000		132000		249000		318000		225000	
Chromium	7440-47-3	ppm-Fe	4000		3210		3340		2380		1480		932		935		2350		2520		2600	
Cobalt	7440-48-4	ppm-Fe	325		371		329		350		320		322		320		327		344		328	
Copper	7440-50-8	ppm-Fe	8830		6980		6550		4970		2370		809		457		2780		3180		3250	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	11400		8360		8110		6760		4590		1980		528		3010		3470		3450	
Magnesium	7439-95-4	ppm-Fe	223000		190000		211000		219000		220000		227000		225000		265000		344000		271000	
Manganese	7439-96-5	ppm-Fe	11700		10200		12600		17300		21300		32200		34500		14100		15200		15300	
Mercury	7439-97-6	ppm-Fe	191		143		159		130		76.5		60.1		1.9		22.3		43.4		45.2	
Nickel	7440-02-0	ppm-Fe	2510		2780		2020		1420		853		850		804		1150		2090		1130	
Potassium	7440-09-7	ppm-Fe	89200		77400		84600		91300		92600		94800		102000		98000		96800		99700	
Selenium	7782-49-2	ppm-Fe	63.8		42.8		37.7		23.7		14.2		9		8.4		23.1		28.9		27.7	
Silver	7440-22-4	ppm-Fe	82.7		49.9		40.4		28.6		11		3		1.7		54.9		83.8		93.2	
Sodium	7440-23-5	ppm-Fe	220000		191000		184000		166000		162000		150000		130000		364000		321000		350000	
Thallium	7440-28-0	ppm-Fe	9.4		11.9		8.4		4.9		4		3.3		3.4		4.6		4.1		3.7	
Titanium	7440-32-6	ppm-Fe	10400		9330		9950		10500		10000		10200		11300		12000		13400		12400	
Vanadium	7440-62-2	ppm-Fe	1340		1090		1180		1210		1250		1200		1230		1200		1240		1300	
Zinc	7440-66-6	ppm-Fe	11500		10500		8980		7600		5330		2540		2160		5920		6970		6780	

Table B-4
Iron-Normalized Inorganics

		Location ID	KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KVK01	
		Sample Name	KK02SED096D-04		KK02SED096D-05		KK02SED096D-06		KK02SED096D-07		KK02SED096D-08		KK02SED096D-09		KK02SED096D-10		KK02SED096D-11		KK02SED096D-12		1JMS00157	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		8/30/2000	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	451000		449000		441000		429000		438000		416000		431000		430000		427000		427000	
Antimony	7440-36-0	ppm-Fe	167	U	169	U	164	U	167	U	168	U	152	U	162	U	155	U	156	U	54.7	
Arsenic	7440-38-2	ppm-Fe	417		437		467		620		888		1250		1720		1830		1140		552	
Barium	7440-39-3	ppm-Fe	2840		3310		3230		4200		5000		10000		13900		6120		5120		4610	
Beryllium	7440-41-7	ppm-Fe	25.5		27.4		25.6		26.9		27.6		28.3		30.2		23.6		26.3		32.8	
Cadmium	7440-43-9	ppm-Fe	52.1		71.4		72		179		271		422		470		404		241		194	
Calcium	7440-70-2	ppm-Fe	214000		237000		250000		226000		199000		235000		205000		191000		183000		297000	
Chromium	7440-47-3	ppm-Fe	3260		3860		3890		5860		8850		12500		13500		13300		10700		8660	
Cobalt	7440-48-4	ppm-Fe	318		366		323		352		341		337		327		323		307		388	
Copper	7440-50-8	ppm-Fe	4300		5230		4960		7310		10600		12300		14300		13200		10600		9700	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	4140		4690		4500		7100		9470		10700		12700		11900		11100		9000	
Magnesium	7439-95-4	ppm-Fe	271000		334000		248000		243000		234000		227000		224000		227000		217000		253000	
Manganese	7439-96-5	ppm-Fe	14700		14100		15400		16200		12400		11000		10600		11700		11800		11200	
Mercury	7439-97-6	ppm-Fe	65.1		65.7		77.8		160		218		278		387		333		189		154	
Nickel	7440-02-0	ppm-Fe	1220		2300		1130		1550		1660		1980		2040		1890		1500		1860	
Potassium	7440-09-7	ppm-Fe	101000		98900		95100		90100		92100		90000		90900		98400		90100		111000	
Selenium	7782-49-2	ppm-Fe	31.3		37.1		34.6		46.3		67.6		64.3		68.7		73.5		52.1		64.7	U
Silver	7440-22-4	ppm-Fe	128		146		153		198		253		308		352		325		288		234	
Sodium	7440-23-5	ppm-Fe	333000		314000		278000		265000		294000		288000		313000		294000		277000		278000	
Thallium	7440-28-0	ppm-Fe	0.55		3.1		2.4		1.7		2.9		7.7		8		6.8		6.9		54.7	U
Titanium	7440-32-6	ppm-Fe	12900		13300		13800		13900		14400		15000		15100		16300		14700			
Vanadium	7440-62-2	ppm-Fe	1290		1320		1330		1470		1660		2080		2480		2390		2240		1790	
Zinc	7440-66-6	ppm-Fe	7340		8340		8530		11100		16100		18300		18000		17800		13500		15900	

Table B-4
Iron-Normalized Inorganics

		Location ID	MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085	
		Sample Name	MC02SED085C-01		MC02SED085C-02		MC02SED085C-03		MC02SED085C-04		MC02SED085C-05		MC02SED085C-06		MC02SED085C-07		MC02SED085C-08		MC02SED085C-09		MC02SED085C-10	
		Date Collected	12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	431000		455000		442000		477000		391000		399000		391000		424000		381000		482000	
Antimony	7440-36-0	ppm-Fe	189	U	175	U	177	U	180	U	141	U	135	U	148	U	151	U	136	U	145	U
Arsenic	7440-38-2	ppm-Fe	638		777		778		866		1100		1630		1160		1740		2650		1490	
Barium	7440-39-3	ppm-Fe	7550		10100		9100		10900		12600		22400		13700		20600		22900		8640	
Beryllium	7440-41-7	ppm-Fe	22.9		22.3		22.7		23		21.6		26.7		27.5		24.4		21.7		24.7	
Cadmium	7440-43-9	ppm-Fe	74.5	U	248		272		302		155		140		110		254		111		57.2	U
Calcium	7440-70-2	ppm-Fe	124000		136000		143000		159000		120000		121000		246000		165000		174000		231000	
Chromium	7440-47-3	ppm-Fe	3140		6800		6500		8820		4910		4630		2610		6690		4460		2360	
Cobalt	7440-48-4	ppm-Fe	343		382		336		385		360		371		403		363		297		377	
Copper	7440-50-8	ppm-Fe	12500		24100		20000		26000		17800		20700		14300		35000		25600		16200	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	15200		14200		12600		14600		51700		41000		19100		55000		245000		47900	
Magnesium	7439-95-4	ppm-Fe	252000		230000		225000		230000		219000		237000		258000		237000		192000		216000	
Manganese	7439-96-5	ppm-Fe	10100		8870		8650		9150		11700		12100		16500		10400		8920		11300	
Mercury	7439-97-6	ppm-Fe	77.1		310		385		403		233		213		58		64.3		80.5		130	
Nickel	7440-02-0	ppm-Fe	1280		1880		1620		2060		1570		1320		1310		1660		1490		1160	
Potassium	7440-09-7	ppm-Fe	96800		91700		90300		90100		86600		96100		102000		91000		73100		86100	
Selenium	7782-49-2	ppm-Fe	66.5		89.7		92.2		101		158		152		72.5		109		282		72.3	
Silver	7440-22-4	ppm-Fe	71.8		175		201		240		89.2		47.8		37.7		45		71.2		22.9	
Sodium	7440-23-5	ppm-Fe	378000		345000		336000		346000		236000		193000		206000		202000		165000		143000	
Thallium	7440-28-0	ppm-Fe	6.1		6.2		6.9		7.1		7.7		9		8.7		7.4		6.5		6	
Titanium	7440-32-6	ppm-Fe	13800		14100		14300		14400		13500		14700		14300		12700		10200		11900	
Vanadium	7440-62-2	ppm-Fe	2740		2250		2410		2440		1600		1300		1200		1330		1150		1250	
Zinc	7440-66-6	ppm-Fe	11800		21700		19000		23700		16900		17100		11700		27900		24700		12400	

		Location ID	NB01SED001A		NB01SED001A		NB01SED001A		NB01SED001A		NB01SED002		NB01SED002		NB01SED002		NB01SED002		NB01SED002		NB01SED003	
		Sample Name	NB01SED001B-01		NB01SED001B-02		NB01SED001B-02		NB01SED001B-03		NB01SED002B-01		NB01SED002B-02		NB01SED002B-03		NB01SED002B-04		NB01SED002B-05		NB01SED003D-01	
		Date Collected	11/13/2005		11/13/2005		11/13/2005		11/13/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/31/2005	
		Depth	0.0-0.5		0.5-1.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	522000				517000		508000		470000		529000		578000		433000		279000		183000	
Antimony	7440-36-0	ppm-Fe	74.9		59.5				81.5		30.1	U	30.4	U	19.4	U	18.9	U	19	U	24.6	U
Arsenic	7440-38-2	ppm-Fe	700				641		727		648		426		260		285		186		359	
Barium	7440-39-3	ppm-Fe	9800				12700		9500		7460		4940		1660		1130		2480		3310	
Beryllium	7440-41-7	ppm-Fe	31.7				33.4		31.3		30.1		30.8		27.4		28.9		30.1		16.4	
Cadmium	7440-43-9	ppm-Fe	101				97.6		147		73.8		21.2		15.1		14.9		4.9		16.8	
Calcium	7440-70-2	ppm-Fe	267000				405000		250000		182000		112000		60000		31000		29500		29400	
Chromium	7440-47-3	ppm-Fe	3570				3480		4580		3830		2330		963		886		1090		1320	
Cobalt	7440-48-4	ppm-Fe	378				372		364		407		420		326		1120		429		255	
Copper	7440-50-8	ppm-Fe	6970				7380		10800		7600		3560		443		452		412		2870	
Iron	7439-89-6	ppm-Fe	1000000				1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	5760				6040		8310		5660		2700		356		320		3450		5010	
Magnesium	7439-95-4	ppm-Fe	268000				280000		258000		209000		216000		212000		125000		130000		74700	
Manganese	7439-96-5	ppm-Fe	15700				17300		13900		10600		10300		9450		5830		7480		4500	
Mercury	7439-97-6	ppm-Fe	86.5				80.9		119		134		86.5		0.12	U	0.4		0.12	U	30.8	
Nickel	7440-02-0	ppm-Fe	1210				1270		1440		1310		1190		751		1340		814		815	
Potassium	7440-09-7	ppm-Fe	160000				164000		150000		125000		143000		142000		111000		119000		47600	
Selenium	7782-49-2	ppm-Fe	37.5	U			30.6	U	34.5		35.5		38.5	U	25.1	U	22.4	U	22.6	U	49.3	
Silver	7440-22-4	ppm-Fe	95.1				89.1		132		104		41.7		3.7	U	3.4	U	3.5	U	14.4	
Sodium	7440-23-5	ppm-Fe	372000				306000		367000		320000		346000		220000		108000		42400		61800	
Thallium	7440-28-0	ppm-Fe	74.9	U			59.9	U	69	U											22.6	U
Titanium	7440-32-6	ppm-Fe	17200				17900		16200		14900		15700		13800		11300		10800		5830	
Vanadium	7440-62-2	ppm-Fe	1520				1600		1680		1410		1460		1240		1280		1270		565	
Zinc	7440-66-6	ppm-Fe	10100				10100		14700		11200		8750		2140		2710		1760		8150	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB01SED003		NB01SED003		NB01SED003		NB01SED004		NB01SED004		NB01SED004		NB01SED005		NB01SED005		NB01SED005		NB01SED005	
		Sample Name	NB01SED003D-02		NB01SED003D-03		NB01SED003D-04		NB01SED004B-01		NB01SED004B-02		NB01SED004B-03		NB01SED005A-01		NB01SED005A-02		NB01SED005A-03		NB01SED005A-04	
		Date Collected	10/31/2005		10/31/2005		10/31/2005		10/30/2005		10/30/2005		10/30/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	545000		612000		505000		562000		548000		555000		481000		508000		545000		540000	
Antimony	7440-36-0	ppm-Fe	35.4	U	33.3	U	36.6	U	25.8	U	114		25.3	U	50.8	U	44.7	U	42.4	U	44.2	U
Arsenic	7440-38-2	ppm-Fe	1750		1450		361		373		499		622		478		399		814		900	
Barium	7440-39-3	ppm-Fe	5330		3690		1610		4660		5190		6080		4340		3610		8310		8320	
Beryllium	7440-41-7	ppm-Fe	28.3		28.6		23.7		37.3		30.6		34.6		30.2		27.2		31.1		29.2	
Cadmium	7440-43-9	ppm-Fe	28.3		10		1.7	U	18.9		87.6		177		57.6		28.8		282		310	
Calcium	7440-70-2	ppm-Fe	75200		107000		98900		249000		228000		175000		274000		256000		219000		220000	
Chromium	7440-47-3	ppm-Fe	3230		2430		858		3320		4970		7050		3560		2950		9320		10800	
Cobalt	7440-48-4	ppm-Fe	330		336		277		363		348		357		410		419		356		357	
Copper	7440-50-8	ppm-Fe	6910		4760		538		4630		6480		9060		4950		3930		11400		12100	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	7590		5380		628		4410		6110		8230		4850		3740		10100		11400	
Magnesium	7439-95-4	ppm-Fe	191000		202000		168000		285000		256000		233000		356000		406000		247000		237000	
Manganese	7439-96-5	ppm-Fe	9080		10800		9570		13600		15300		14000		15300		15100		11800		12000	
Mercury	7439-97-6	ppm-Fe	111		88.1		1.3		62.1		106		166		67.8		47.9		195		307	
Nickel	7440-02-0	ppm-Fe	1400		1180		686		1490		1590		1600		2550		3420		1900		1860	
Potassium	7440-09-7	ppm-Fe	128000		141000		122000		152000		146000		136000		123000		129000		138000		134000	
Selenium	7782-49-2	ppm-Fe	77.8		40.5		30.1		37.3				62.2		31.2	U	28.1	U	67.8		50.1	
Silver	7440-22-4	ppm-Fe	33		18.3		6.7	U	106		189		221		105		95.8		288		304	
Sodium	7440-23-5	ppm-Fe	187000		190000		188000		297000		289000		265000		245000		285000		291000		283000	
Thallium	7440-28-0	ppm-Fe	44.8		66.7		32.3	U	59						64.4	U	57.5	U	56.5	U	56	U
Titanium	7440-32-6	ppm-Fe	14100		13900		11900		18000		17500		16600		15400		15400		17000		17600	
Vanadium	7440-62-2	ppm-Fe	1220		1290		1080		1490		1490		1690		1370		1350		1870		1880	
Zinc	7440-66-6	ppm-Fe	10200		7000		2240		9010		10500		14800		9360		7060		17400		18000	

		Location ID	NB01SED006A		NB01SED006A		NB01SED006A		NB01SED007		NB01SED007		NB01SED007		NB01SED007		NB01SED008A		NB01SED008A		NB01SED008A	
		Sample Name	NB01SED006AA-01		NB01SED006AA-02		NB01SED006AA-03		NB01SED007A-01		NB01SED007A-02		NB01SED007A-03		NB01SED007A-04		NB01SED008AA-01		NB01SED008AA-02		NB01SED008AA-03	
		Date Collected	11/27/2005		11/27/2005		11/27/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/14/2005		11/14/2005		11/14/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	526000		576000		473000		480000		478000		452000		506000		545000		553000		574000	
Antimony	7440-36-0	ppm-Fe	31.4	U	29.9	U	23.5	U	44.6	U	44.2	U	49.5	U	54.9	U						
Arsenic	7440-38-2	ppm-Fe	348		296		331		394		457		590		667		721		908		997	
Barium	7440-39-3	ppm-Fe	3410		3130		3620		4130		4400		4450		5530		7560		8580		17200	
Beryllium	7440-41-7	ppm-Fe	29.4		29.9		28.4		26.4		25.4		24		27.4		35.2		32.5		35.3	
Cadmium	7440-43-9	ppm-Fe	4.8	U	4.4	U	3.6	U	52		67.8		141		207		236		350		479	
Calcium	7440-70-2	ppm-Fe	290000		239000		320000		276000		280000		215000		1080000		200000		187000		197000	
Chromium	7440-47-3	ppm-Fe	2360		1990		2080		3030		3510		5650		7890		8240		11600		12400	
Cobalt	7440-48-4	ppm-Fe	345		348		354		353		372		350		363		379		368		403	
Copper	7440-50-8	ppm-Fe							3650		4160		6890		9240		11800		15000		18500	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	3240		2550		2820		3660		4070		6960		8990		9250		11600		13300	
Magnesium	7439-95-4	ppm-Fe	272000		264000		271000		283000		298000		242000		244000		254000		245000		246000	
Manganese	7439-96-5	ppm-Fe	21200		17700		20600		14000		14700		12900		11600		12900		12200		11200	
Mercury	7439-97-6	ppm-Fe	41		29.9		25.8		40.9		47.2		91.9		139		90.5		260		413	
Nickel	7440-02-0	ppm-Fe	1090		1050		1040		1470		1930		1550		1790		1730		1770		1890	
Potassium	7440-09-7	ppm-Fe	144000		150000		123000		134000		136000		123000		146000		152000		145000		151000	
Selenium	7782-49-2	ppm-Fe	34.1	U	32.6	U	43.9		28.3	U	26.8	U	29.7	U	33.3	U	45.2		50		98.2	
Silver	7440-22-4	ppm-Fe	81.9		67.9		80.1		74.3		94.4		177		181		226		303		325	
Sodium	7440-23-5	ppm-Fe	325000		274000		246000		248000		230000		280000		285000		329000		323000		312000	
Thallium	7440-28-0	ppm-Fe	71.7	U	65.2	U	54.3	U	59.5	U	56	U	63.6	U	71.7	U	65.3	U	60	U	60.5	U
Titanium	7440-32-6	ppm-Fe	15100		14800		14600		16200		17000		14100		18100		17000		15800		17800	
Vanadium	7440-62-2	ppm-Fe	1310		1380		1290		1330		1360		1430		1630		1620		1870		1890	
Zinc	7440-66-6	ppm-Fe	6350		5490		5400		7060		7140		11000		14600		17600		19800		23000	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB01SED009		NB01SED009		NB01SED009		NB01SED009		NB01SED010A		NB01SED010A		NB01SED010A		NB01SED011		NB01SED011		NB01SED011	
		Sample Name	NB01SED009A-01		NB01SED009A-02		NB01SED009A-03		NB01SED009A-04		NB01SED010I-01		NB01SED010I-02		NB01SED010I-03		NB01SED011B-01		NB01SED011B-02		NB01SED011B-03	
		Date Collected	11/6/2005		11/6/2005		11/6/2005		11/6/2005		10/31/2005		10/31/2005		10/31/2005		11/1/2005		11/1/2005		11/1/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.3		1.3-2.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	487000		517000		569000		606000		450000		525000		412000		570000		548000		542000	
Antimony	7440-36-0	ppm-Fe	24.5		51.1		44		40.4		22.1		41.4	U	34.1	U	46.7	U	40.8	U	52.6	U
Arsenic	7440-38-2	ppm-Fe	1090		2430		2560		1890		743		1330		981		827		296		412	
Barium	7440-39-3	ppm-Fe	6580		12400		7040		3760		11100		19900		13600		10900		1870		1860	
Beryllium	7440-41-7	ppm-Fe	27.7		27		27.4		28		31.8		29.7		28.8		30.8		27.6		28.5	
Cadmium	7440-43-9	ppm-Fe	93.5		85.2		69.2		59		10.7		139		74.3		364		1.9	U	2.6	U
Calcium	7440-70-2	ppm-Fe	175000		137000		122000		116000		224000		240000		171000		175000		109000		118000	
Chromium	7440-47-3	ppm-Fe	3680		6080		5000		3350		2200		3880		3000		10200		1010		1050	
Cobalt	7440-48-4	ppm-Fe	345		338		384		379		407		380		272		388		330		388	
Copper	7440-50-8	ppm-Fe	6740		10800		9780		9290		4540		12200		7830		13600		520		465	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	7900		15400		10900		8510		3680		10200		7090		10000		388		371	
Magnesium	7439-95-4	ppm-Fe	244000		221000		220000		225000		219000		221000		164000		258000		207000		214000	
Manganese	7439-96-5	ppm-Fe	12200		10400		13100		16800		12300		11500		8980		10800		11800		14100	
Mercury	7439-97-6	ppm-Fe	93.5		176		198		214		42.9		126		71.2		262		1.4		1.1	
Nickel	7440-02-0	ppm-Fe	1280		1820		1790		1350		1030		1390		997		2070		776		787	
Potassium	7440-09-7	ppm-Fe	141000		138000		133000		137000		129000		147000		112000		146000		139000		139000	
Selenium	7782-49-2	ppm-Fe	25.8	U	136		56.6		52.8		42.9		136		102		98.1		24.8	U	78.9	
Silver	7440-22-4	ppm-Fe	80.6		88.1		59.7		40.4		39.3		57.2		37.2		248		7.5	U	9.7	U
Sodium	7440-23-5	ppm-Fe	236000		262000		221000		190000		180000		236000		150000		291000		174000		265000	
Thallium	7440-28-0	ppm-Fe	38.7	U	42.6		37.7	U	34.2	U			64.7		46.4		79.4		34	U	46.1	U
Titanium	7440-32-6	ppm-Fe	15000		13200		13200		13800		14800		14200		10400		18700		15500		15900	
Vanadium	7440-62-2	ppm-Fe	1360		1350		1320		1340		1280		1330		1200		1810		1230		1400	
Zinc	7440-66-6	ppm-Fe	10000		15000		13200		10300		6180		13500		10900		17300		2100		2050	

		Location ID	NB01SED011		NB01SED011		NB01SED011		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012	
		Sample Name	NB01SED011B-04		NB01SED011B-05		NB01SED011B-06		NB01SED012A-01		NB01SED012A-02		NB01SED012A-03		NB01SED012A-04		NB01SED012A-05		NB01SED012A-06		NB01SED012A-07	
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005	
		Depth	2.5-3.5		3.5-4.5		4.5-5.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		6.5-8.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	510000		407000		346000		591000		590000		599000		586000		590000		555000		300000	
Antimony	7440-36-0	ppm-Fe	49.5	U	37.2	U	24.8	U	45		35.7	U	35.1	U	37.4	U	45.2		50.5		73.2	
Arsenic	7440-38-2	ppm-Fe	327		239		937		884		848		1070		1390		1730		1500		1910	
Barium	7440-39-3	ppm-Fe	1710		1360		893		13400		11300		22800		16100		9270		10700		14900	
Beryllium	7440-41-7	ppm-Fe	26.2		21		22.6		30		31.1		30.1		30.8		32.7		30		16.6	
Cadmium	7440-43-9	ppm-Fe	2.4	U	1.8	U	1.2	U	206		191		326		335		389		459		226	
Calcium	7440-70-2	ppm-Fe	131000		84300		29000		323000		324000		313000		201000		226000		165000		122000	
Chromium	7440-47-3	ppm-Fe	916		739		758		6170		5660		6740		9320		11100		13800		7890	
Cobalt	7440-48-4	ppm-Fe	351		269		1230		386		378		396		383		492		376		309	
Copper	7440-50-8	ppm-Fe	431		588		305		8050		6540		9870		10700		14500		17800		14200	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	332		293		226		5140		4190		5310		6940		9100		15900		13000	
Magnesium	7439-95-4	ppm-Fe	192000		151000		87100		255000		251000		249000		233000		243000		229000		127000	
Manganese	7439-96-5	ppm-Fe	12600		10600		6420		14800		15200		14500		12500		12100		11000		7920	
Mercury	7439-97-6	ppm-Fe	1.1		1.6		0.6		326		222		328		355		573		700		285	
Nickel	7440-02-0	ppm-Fe	728		564		638		1320		1280		1650		1800		2760		1480		1070	
Potassium	7440-09-7	ppm-Fe	127000		93600		64800		158000		153000		150000		140000		149000		133000		77700	
Selenium	7782-49-2	ppm-Fe	46.5		42.6		40.9		58.2		78.3		82.7		70.5		95.5		85.2		136	
Silver	7440-22-4	ppm-Fe	9.4	U	7.2	U	4.7	U	122		79.5		118		126		166		197		110	
Sodium	7440-23-5	ppm-Fe	234000		152000		51300		223000		202000		199000		231000		237000		237000		136000	
Thallium	7440-28-0	ppm-Fe	49.5		34.6	U	30.5		37.5		58.8		37.6		33	U	35.2	U	51	U	31.6	U
Titanium	7440-32-6	ppm-Fe	14700		11400		8650		16800		15600		16100		15900		16400		13600		8500	
Vanadium	7440-62-2	ppm-Fe	1230		947		1260		1630		1570		1750		1870		2120		1820		885	
Zinc	7440-66-6	ppm-Fe	1930		1640		1500		11300		9820		13000		15600		17200		21400		14300	

		Location ID	NB01SED013		NB01SED013		NB01SED013		NB01SED013		NB01SED014		NB01SED014		NB01SED014		NB01SED014		NB01SED015		NB01SED015	
		Sample Name	NB01SED013C-01		NB01SED013C-02		NB01SED013C-03		NB01SED013C-04		NB01SED014A-01		NB01SED014A-02		NB01SED014A-03		NB01SED014A-04		NB01SED015A-01		NB01SED015A-02	
		Date Collected	10/31/2005		10/31/2005		10/31/2005		10/31/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/1/2005		11/1/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	541000		512000		511000		496000		534000		574000		598000		565000		512000		534000	
Antimony	7440-36-0	ppm-Fe	77.3	U	75.1		26.9		19.3	U	65.6		40.2		27	U	45.8		57.6	U	49.3	U
Arsenic	7440-38-2	ppm-Fe	1370		1700		1620		392		1310		1610		402		313		719		377	
Barium	7440-39-3	ppm-Fe	15800		22700		9050		1330		14000		9620		1610		1530		11600		5740	
Beryllium	7440-41-7	ppm-Fe	37.8		37.6		31.1		27		31.8		31.1		29.9		28.6		28.1		29.6	
Cadmium	7440-43-9	ppm-Fe	97		19.9		4.2	U	9.8		68.9		32.1		2.5	U	2.1	U	281		17.9	
Calcium	7440-70-2	ppm-Fe	442000		88700		315000		89900		240000		141000		99000		126000		191000		177000	
Chromium	7440-47-3	ppm-Fe	4610		4090		2890		914		4690		4830		1090		1020		7390		1820	
Cobalt	7440-48-4	ppm-Fe	526		431		375		288		384		349		343		317		390		350	
Copper	7440-50-8	ppm-Fe	14300		11300		6740		407		10000		7890		451		393		10900		2910	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	8420		12400		6740		359		11500		8760		407		351		11400		1910	
Magnesium	7439-95-4	ppm-Fe	227000		209000		208000		207000		256000		237000		245000		233000		245000		235000	
Manganese	7439-96-5	ppm-Fe	11400		10800		11300		13000		11900		12000		13400		15100		11700		13000	
Mercury	7439-97-6	ppm-Fe	137		61.9		83.3		0.56		98.4		105		0.17	U	0.42		237		28.3	
Nickel	7440-02-0	ppm-Fe	1530		1540		1500		691		1680		1430		824		767		1820		973	
Potassium	7440-09-7	ppm-Fe	159000		157000		129000		120000		160000		154000		159000		149000		134000		140000	
Selenium	7782-49-2	ppm-Fe	181		309		117		23.1	U	151		100		29.9	U	25.6	U	125		44.8	
Silver	7440-22-4	ppm-Fe	105		48.6		37.9		4.5		85.2		52.6		4.9	U	4.2	U	200		19.7	
Sodium	7440-23-5	ppm-Fe	271000		227000		203000		170000		271000		260000		193000		193000		251000		208000	
Thallium	7440-28-0	ppm-Fe	181								630	U	67	U	113		61.1		50.8	U	40.4	U
Titanium	7440-32-6	ppm-Fe	19100		16700		15000		13700		16100		16400		18500		16700		20500		16800	
Vanadium	7440-62-2	ppm-Fe	1410		1270		1270		1080		1390		1400		1340		1290		1660		1310	
Zinc	7440-66-6	ppm-Fe	13900		16600		9960		1930		14600		13500		2170		2050		25200		4450	

		Location ID	NB01SED015		NB01SED015		NB01SED016		NB01SED016		NB01SED016		NB01SED016		NB01SED017		NB01SED017		NB01SED017		NB01SED018	
		Sample Name	NB01SED015A-03		NB01SED015A-04		NB01SED016C-01		NB01SED016C-02		NB01SED016C-03		NB01SED016C-04		NB01SED017B-01		NB01SED017B-02		NB01SED017B-03		NB01SED018D-01	
		Date Collected	11/1/2005		11/1/2005		11/13/2005		11/13/2005		11/13/2005		11/13/2005		11/20/2005		11/20/2005		11/20/2005		11/6/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	573000		559000		553000		547000		502000		523000		534000		549000		539000		499000	
Antimony	7440-36-0	ppm-Fe	84.2		43.2	U	44.7								25.9	U	24.9	U	24.4	U	30.1	U
Arsenic	7440-38-2	ppm-Fe	1830		1880		403		463		516		732		355		360		353		361	
Barium	7440-39-3	ppm-Fe	18500		4970		3930		4700		4370		5500		5100		3140		4510		6360	
Beryllium	7440-41-7	ppm-Fe	32.6		28.4		31.6		31		29.3		29.5		32.1		31.4		32.2		29.8	
Cadmium	7440-43-9	ppm-Fe	579		77.2		38.3		55.7		75.6		90.9		16.9		12.9		17.3		59.9	
Calcium	7440-70-2	ppm-Fe	153000		157000		309000		298000		330000		324000								1480000	
Chromium	7440-47-3	ppm-Fe	17000		5830		2540		3040		3740		4320		2140		2050		2120		2070	
Cobalt	7440-48-4	ppm-Fe	416		364		364		373		382		364		355		340		356		385	
Copper	7440-50-8	ppm-Fe	20100		9040		3160		4320		4580		5550		2890		2580		3000		2230	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	11600		8640		3190		3590		4710		7500		2880		2600		2700		2060	
Magnesium	7439-95-4	ppm-Fe	255000		231000		293000		293000		294000		255000		286000		280000		295000		286000	
Manganese	7439-96-5	ppm-Fe	9700		12900		16100		16900		16000		14200		18000		17300		19600		21000	
Mercury	7439-97-6	ppm-Fe	587		179		31.9		52.3		57.8		68.2		33.8		22.6		25.4		22.3	
Nickel	7440-02-0	ppm-Fe	2690		1400		1260		1270		1580		1450		1190		1110		1100		1060	
Potassium	7440-09-7	ppm-Fe	144000		126000		167000		164000		149000		151000								164000	
Selenium	7782-49-2	ppm-Fe	67.9		34		30.7	U	33.4	U	32.9	U	31.4	U	51.7		62.9		50.8		33.5	U
Silver	7440-22-4	ppm-Fe	342		83.3		73.5		94.1		120		114		55.2		60		57.6		36.6	
Sodium	7440-23-5	ppm-Fe	323000		225000		294000		338000		306000		272000		221000		417000		306000		217000	
Thallium	7440-28-0	ppm-Fe	65.2	U	55.6	U	63.9	U	69.7	U	71.1	U	68.2	U	48.3		40		54.2		48.9	U
Titanium	7440-32-6	ppm-Fe	17600		14200		17300		18600		16600		17500		16900		14300		17900		17200	
Vanadium	7440-62-2	ppm-Fe	2520		1400		1390		1500		1410		1480		1420		1390		1420		1310	
Zinc	7440-66-6	ppm-Fe	27100		13000		6100		6860		8000		9410		5550		5310		5250		4680	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB01SED018		NB01SED018		NB01SED018		NB01SED019		NB01SED019		NB01SED019		NB01SED019		NB01SED019		NB01SED019		NB01SED020	
		Sample Name	NB01SED018D-02		NB01SED018D-03		NB01SED018D-04		NB01SED019A-01		NB01SED019A-02		NB01SED019A-03		NB01SED019A-04		NB01SED019A-05		NB01SED019A-06		NB01SED020A-01	
		Date Collected	11/6/2005		11/6/2005		11/6/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/8/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	460000		446000		435000		631000		591000		428000		533000		574000		495000		501000	
Antimony	7440-36-0	ppm-Fe	33.3	U	36.9		34.6	U	76.9		48.6	U	32.4	U	41.2	U	42.9	U	41.3	U	29.8	U
Arsenic	7440-38-2	ppm-Fe	275		300		417		1590		1010		301		970		558		442		574	
Barium	7440-39-3	ppm-Fe	6440		4330		6170		15900		6800		1260		9150		1850		2530		5600	
Beryllium	7440-41-7	ppm-Fe	29		26.9		28.8		30.8		27.5		17.7		29.1		24.1		28.4		29.8	
Cadmium	7440-43-9	ppm-Fe	43.5		43.1		41		662		105		7.4		377		4.8		7.2		93	
Calcium	7440-70-2	ppm-Fe	2830000		4650000		4570000		127000		275000		50700		238000		15400		17200		411000	
Chromium	7440-47-3	ppm-Fe	1280		1060		1190		20000		4530		737		11500		858		837		6800	
Cobalt	7440-48-4	ppm-Fe	370		362		359		351		348		233		357		322		399		394	
Copper	7440-50-8	ppm-Fe	913		785		936		24000		6280		339		12800		470		529		5870	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	746		769		788		26600		5100		301		11100		371		394		4860	
Magnesium	7439-95-4	ppm-Fe	257000		253000		266000		239000		231000		156000		240000		139000		138000		331000	
Manganese	7439-96-5	ppm-Fe	20700		22100		22700		9540		13700		11400		11800		5380		5670		12500	
Mercury	7439-97-6	ppm-Fe	15.9		10.8		7.1		292		81		1.4		221		0.84		0.27		109	
Nickel	7440-02-0	ppm-Fe	870		777		788		1610		951		563		1870		617		750		2290	
Potassium	7440-09-7	ppm-Fe	155000		151000		155000		173000		171000		113000		131000		109000		131000		132000	
Selenium	7782-49-2	ppm-Fe	37	U	36.2	U	38.5	U	142		56.7		44.2		50.3		49		35.6		33	U
Silver	7440-22-4	ppm-Fe	6	U	5.9	U	6.3	U	231		36.8		6.2	U	322		8.4	U	8.2	U	117	
Sodium	7440-23-5	ppm-Fe	151000		155000		151000		311000		204000		164000		276000		98000		82200		232000	
Thallium	7440-28-0	ppm-Fe	53.6	U	52.3	U	56.4	U	105		93.1		64.9		55.3	U	112		125		88.1	
Titanium	7440-32-6	ppm-Fe	14300		14900		16700		17400		16200		11100		16500		9490		8610		18900	
Vanadium	7440-62-2	ppm-Fe	1140		1140		1270		2070		1360		959		1850		1340		1270		1710	
Zinc	7440-66-6	ppm-Fe	3000		2580		3720		25600		6960		1610		19000		1470		1750		9750	

		Location ID	NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED021		NB01SED021		NB01SED021		NB01SED022		NB01SED022	
		Sample Name	NB01SED020A-02		NB01SED020A-03		NB01SED020A-04		NB01SED020A-05		NB01SED020A-06		NB01SED021B-01		NB01SED021B-02		NB01SED021B-03		NB01SED022A-01		NB01SED022A-02	
		Date Collected	11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/20/2005		11/20/2005		11/20/2005		11/9/2005		11/9/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	526000		526000		560000		562000		531000		575000		549000		518000		506000		509000	
Antimony	7440-36-0	ppm-Fe	32.8		100		70		56.2		76.6		26.5	U	29.6	U	38.7	U	48.4	U	41.1	U
Arsenic	7440-38-2	ppm-Fe	599		1310		1270		1370		1740		327		329		244		381		456	
Barium	7440-39-3	ppm-Fe	6340		8950		15400		9810		7460		4150		4790		7330		4060		4400	
Beryllium	7440-41-7	ppm-Fe	30.2		30.1		31.1		30		28.7		36.4		37.1		47.9		26.1		24.7	
Cadmium	7440-43-9	ppm-Fe	103		145		113		67.4		47.8		13.8		9.4		2.4	U	38.7		60.1	
Calcium	7440-70-2	ppm-Fe	369000		165000		146000		204000		202000								285000		191000	
Chromium	7440-47-3	ppm-Fe	5340		9370		5990		5510		4930		2070		1870		1120		3170		4750	
Cobalt	7440-48-4	ppm-Fe	405		338		323		318		354		360		362		462		348		339	
Copper	7440-50-8	ppm-Fe	5300		9200		10700		8310		6840		2530		2260		1010		4000		4650	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	5390		10700		12900		11000		9330		2390		2000		462		3810		4840	
Magnesium	7439-95-4	ppm-Fe	344000		227000		225000		225000		217000		304000		323000		393000		263000		269000	
Manganese	7439-96-5	ppm-Fe	13300		10100		10100		11200		11100		17600		19300		40800		12600		12100	
Mercury	7439-97-6	ppm-Fe	103		148		128		101		129		29.1		23		0.48		45.2		53.8	
Nickel	7440-02-0	ppm-Fe	2110		1390		1590		1450		1520		1100		1080		1130		1300		1480	
Potassium	7440-09-7	ppm-Fe	156000		129000		144000		145000		133000								142000		146000	
Selenium	7782-49-2	ppm-Fe	34.5	U	62.7		128		109		76.6		54.5		46.9		35.3	U	29.4	U	26.3	U
Silver	7440-22-4	ppm-Fe	99.1		128		128		74.9		57.4		43.6		38.5		14.3	U	64.5		91.8	
Sodium	7440-23-5	ppm-Fe	230000		212000		244000		235000		237000		224000		321000		97500		234000		243000	
Thallium	7440-28-0	ppm-Fe	77.6	U	65.2	U	66.1	U	59.9	U	71.8	U	40	U	51.6		58.8		61.3	U	66.5	
Titanium	7440-32-6	ppm-Fe	19500		19600		16900		15900		16700		18400		19200		24900		17200		16600	
Vanadium	7440-62-2	ppm-Fe	1570		1610		1440		1390		1330		1430		1390		1290		1330		1370	
Zinc	7440-66-6	ppm-Fe	10400		13500		17800		13800		14100		4950		4600		2330		6420		7500	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB01SED022		NB01SED022		NB01SED023		NB01SED023		NB01SED023		NB01SED023		NB01SED024		NB01SED024		NB01SED025		NB01SED025	
		Sample Name	NB01SED022A-03		NB01SED022A-04		NB01SED023A-01		NB01SED023A-02		NB01SED023A-03		NB01SED023A-04		NB01SED024B-01		NB01SED024B-02		NB01SED025B-01		NB01SED025B-02	
		Date Collected	11/9/2005		11/9/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	491000		521000		458000		546000		531000		519000		558000		493000		449000		524000	
Antimony	7440-36-0	ppm-Fe	48.2	U	40.1	U	43.8	U	39	U	36.6	U	71.8		44		31.9		92.6		122	
Arsenic	7440-38-2	ppm-Fe	467		529		525		897		641		2080		321		215		370		1260	
Barium	7440-39-3	ppm-Fe	4520		4960		6500		8500		4620		29300		4150		11300		4930		39000	
Beryllium	7440-41-7	ppm-Fe	25		27.6		27.9		30.6		29.4		30.4		35.7		38.7		27.2		32.3	
Cadmium	7440-43-9	ppm-Fe	81.3		103		80.8		201		53.4		221		2.5	U	2.6	U	32.1		275	
Calcium	7440-70-2	ppm-Fe	183000		258000		244000		301000		337000		143000		470000		730000		252000		169000	
Chromium	7440-47-3	ppm-Fe	4460		4960		3640		6630		3410		9670		2280		1670		1990		6850	
Cobalt	7440-48-4	ppm-Fe	340		333		367		393		370		345		365		380		278		285	
Copper	7440-50-8	ppm-Fe	5330		5360		5290		7380		3520		21900		2480		1470		2360		16700	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	5450		5110		4040		4510		3490		20900		2300		1390		2340		17300	
Magnesium	7439-95-4	ppm-Fe	264000		256000		260000		254000		257000		232000		299000		307000		205000		192000	
Manganese	7439-96-5	ppm-Fe	13200		13900		12600		14700		15900		10400		19300		21700		8210		8610	
Mercury	7439-97-6	ppm-Fe	69.3		77.7		101		212		64.9		166		27.5		15.3		34.6		112	
Nickel	7440-02-0	ppm-Fe	1430		1190		1370		1360		1030		1580		1070		1020		852		1200	
Potassium	7440-09-7	ppm-Fe	142000		152000		120000		142000		136000		132000		163000		153000		123000		135000	
Selenium	7782-49-2	ppm-Fe	29.2	U	27.6	U	27.9		30.6		23.7	U	285		30.2	U	31.9	U	32.7	U	129	
Silver	7440-22-4	ppm-Fe	105		108		80.8		83.6		27.5		124		49.5		23.9		33.3		104	
Sodium	7440-23-5	ppm-Fe	288000		236000		179000		205000		189000		270000		308000		177000		154000		193000	
Thallium	7440-28-0	ppm-Fe	75.3		52.6	U	53.9	U	50.1	U	49.6	U	55.2	U	68.7	U	73.6	U	74.1	U	52.1	U
Titanium	7440-32-6	ppm-Fe	15400		17000		13800		14700		14300		13000		19000		20600		15100		13000	
Vanadium	7440-62-2	ppm-Fe	1350		1410		1270		1650		1290		1360		1400		1310		1250		1560	
Zinc	7440-66-6	ppm-Fe	8550		8600		8010		10900		6220		25200		4810		3310		5560		28800	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED026		NB01SED026		NB01SED026		NB01SED027		NB01SED027		NB01SED027	
		Sample Name	NB01SED025B-03		NB01SED025B-04		NB01SED025B-05		NB01SED025B-06		NB01SED026A-01		NB01SED026A-02		NB01SED026A-03		NB01SED027A-01		NB01SED027A-02		NB01SED027A-03	
		Date Collected	11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/2/2005		11/2/2005		11/2/2005		11/14/2005		11/14/2005		11/14/2005	
		Depth	1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-3.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	624000		602000		598000		598000		473000		411000		524000		496000		486000		463000	
Antimony	7440-36-0	ppm-Fe	166		165		181		104		132		66.4	U	39.5	U						
Arsenic	7440-38-2	ppm-Fe	1520		1340		1630		1810		628		352		386		336		329		322	
Barium	7440-39-3	ppm-Fe	63900		44800		45200		21000		5360		3550		5570		5130		5580		5990	
Beryllium	7440-41-7	ppm-Fe	35.5		33		34.6		32.5		27.1		29.5		31		34.5		35.3		37	
Cadmium	7440-43-9	ppm-Fe	441		253		301		107		136		27		36.2		29		26.5		23.3	
Calcium	7440-70-2	ppm-Fe	171000		154000		170000		141000		228000		190000		307000		433000		542000		604000	
Chromium	7440-47-3	ppm-Fe	11000		8600		8860		6630		5650		1910		2220		2170		1990		1630	
Cobalt	7440-48-4	ppm-Fe	320		313		322		334		356		320		362		361		394		396	
Copper	7440-50-8	ppm-Fe	24800		25700		25200		16500		6030		1660		2560		2400		2060		1690	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	28400		23600		23600		18000		4980		1320		2070		2380		1940		1570	
Magnesium	7439-95-4	ppm-Fe	224000		218000		227000		231000		225000		184000		238000		291000		306000		318000	
Manganese	7439-96-5	ppm-Fe	8370		8790		9410		10800		11800		9840		14000		18600		19400		21300	
Mercury	7439-97-6	ppm-Fe	189		165		162		127		123		17.2		27.1		21.8		16.9		11	
Nickel	7440-02-0	ppm-Fe	1570		1620		1580		1490		1240		869		943		1070		1090		1060	
Potassium	7440-09-7	ppm-Fe	158000		154000		155000		155000		119000		110000		139000		149000		150000		147000	
Selenium	7782-49-2	ppm-Fe	222		310		263		222		34.7		42.6	U	27.6		30.7	U	28.9	U	28.2	U
Silver	7440-22-4	ppm-Fe	169		137		133		118		104		18		12.4		54.6		52.2		34.4	
Sodium	7440-23-5	ppm-Fe	264000		232000		229000		207000		191000		117000		106000		254000		216000		203000	
Thallium	7440-28-0	ppm-Fe	65.1	U	57.7	U	55.9	U	50.3	U	53.6	U	90.2	U	52.4	U	63	U	60.2	U	61.7	U
Titanium	7440-32-6	ppm-Fe	15200		14800		14800		14900		14500		10200		13000		20000		21800		21500	
Vanadium	7440-62-2	ppm-Fe	1600		1490		1490		1430		1440		1140		1200		1350		1400		1400	
Zinc	7440-66-6	ppm-Fe	47000		32100		34800		22200		10100		3700		4810		4870		4260		3810	

		Location ID	NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED029		NB01SED029		NB01SED029		NB01SED029	
		Sample Name	NB01SED028C-01		NB01SED028C-02		NB01SED028C-03		NB01SED028C-04		NB01SED028C-05		NB01SED028C-06		NB01SED029C-01		NB01SED029C-02		NB01SED029C-03		NB01SED029C-04	
		Date Collected	11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	545000		522000		536000		517000		545000		581000		612000		597000		562000		575000	
Antimony	7440-36-0	ppm-Fe	39.8	U	43	U	42.7	U	45.7	U	49.3	U	48.4	U	44.8		29.6	U	25.5	U	28.4	
Arsenic	7440-38-2	ppm-Fe	330		403		439		597		1090		1790		343		90.1		221		91.2	
Barium	7440-39-3	ppm-Fe	3660		3660		4440		6140		7350		5400		4220		4380		5190		4460	
Beryllium	7440-41-7	ppm-Fe	27		25.5		27.4		27.4		29.1		25.8		34.3		8.6		19.9		6.3	
Cadmium	7440-43-9	ppm-Fe	34.1		48.4		85.5		257		268		44.4		41		40.3		40.6		49.1	
Calcium	7440-70-2	ppm-Fe	218000		228000		262000		217000		201000		139000		295000		351000		370000		334000	
Chromium	7440-47-3	ppm-Fe	3100		3840		4390		9740		12300		4880		2690		2480		2590		3160	
Cobalt	7440-48-4	ppm-Fe	335		339		339		349		370		347		362		378		391		421	
Copper	7440-50-8	ppm-Fe	3350		4140		4670		9540		9340		6900		3200		3060		3100		3750	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	3410		4250		4590		9910		7950		8790		3150		2840		2930		3680	
Magnesium	7439-95-4	ppm-Fe	273000		282000		262000		230000		250000		215000		292000		75100		201000		80400	
Manganese	7439-96-5	ppm-Fe	13000		13100		14100		10300		11500		12300		16800		17800		16800		15700	
Mercury	7439-97-6	ppm-Fe	39.8		53.8		65.5		197		222		101		36.2		36.1		34.3		42.1	
Nickel	7440-02-0	ppm-Fe	1280		1560		1140		1590		1840		1710		1150		1180		1750		2860	
Potassium	7440-09-7	ppm-Fe	157000		146000		158000		138000		148000		135000		167000		40700		92700		30400	
Selenium	7782-49-2	ppm-Fe	25.6	U	26.3	U	25.6	U	28.6	U	47.8		37.9		32.1	U	35.2	U	30.2	U	29.8	U
Silver	7440-22-4	ppm-Fe	62.5		94.1		103		203		194		48.4		63.4		17.2		43.9		17.2	
Sodium	7440-23-5	ppm-Fe	237000		277000		237000		281000		291000		200000		293000		302000		264000		291000	
Thallium	7440-28-0	ppm-Fe	54	U	53.8	U	68.4		60	U	63.1	U	80.6		44.8	U	51.5	U	42.6	U	42.1	U
Titanium	7440-32-6	ppm-Fe	16800		15100		16900		15900		16900		16300		18200		18800		19500		17100	
Vanadium	7440-62-2	ppm-Fe	1310		1300		1380		1610		2000		1310		1440		1480		1480		1450	
Zinc	7440-66-6	ppm-Fe	5680		6640		7440		15100		15500		11200		6310		1520		3640		1420	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB01SED029		NB01SED029		NB01SED030		NB01SED030		NB01SED031		NB01SED031		NB01SED031		NB01SED032		NB01SED032		NB01SED032	
		Sample Name	NB01SED029C-05		NB01SED029C-06		NB01SED030B-01		NB01SED030B-02		NB01SED031A-01		NB01SED031A-02		NB01SED031A-03		NB01SED032A-01		NB01SED032A-02		NB01SED032A-03	
		Date Collected	11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/14/2005		11/14/2005		11/14/2005		11/13/2005		11/13/2005		11/13/2005	
		Depth	3.5-4.5		4.5-5.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	602000		567000		588000		536000		553000		556000		585000		545000		564000		564000	
Antimony	7440-36-0	ppm-Fe	24.7	U	30		27.3	U	27.6	U	22.4	U	19.4	U	17.2	U						
Arsenic	7440-38-2	ppm-Fe	412		117		335		379		355		340		305		408		552		719	
Barium	7440-39-3	ppm-Fe	5090		5030		5350		5220		4280		4000		4430		4080		5190		6730	
Beryllium	7440-41-7	ppm-Fe	33		6.3		33.9		31.4		26		26.3		27.7		30.9		32.6		32.2	
Cadmium	7440-43-9	ppm-Fe	64.5		66.7		40.4		37.5		42.8		34.9		33.8		44.6		122		284	
Calcium	7440-70-2	ppm-Fe	288000		304000		394000		386000		317000		352000		375000		210000		217000		167000	
Chromium	7440-47-3	ppm-Fe	3310		3630		2370		2120		2450		2190		2050		3850		6230		11300	
Cobalt	7440-48-4	ppm-Fe	380		400		371		379		322		330		342		357		359		357	
Copper	7440-50-8	ppm-Fe	4120		4570		2940		2770		3030		2740		2560		3950		6470		10400	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	3940		4270		2780		2530		2780		2430		2220		3950		6320		10300	
Magnesium	7439-95-4	ppm-Fe	322000		69700		298000		293000		278000		277000		275000		286000		273000		256000	
Manganese	7439-96-5	ppm-Fe	15900		16800		16800		19700		16500		17000		17100		13100		12900		10700	
Mercury	7439-97-6	ppm-Fe	46.6		56.7		30.6		27.3		36.2		26.7		26.2		47.8		136		205	
Nickel	7440-02-0	ppm-Fe	1670		2090		1210		1070		977		971		1020		1330		1430		1590	
Potassium	7440-09-7	ppm-Fe	164000		30600		164000		146000		151000		150000		157000		152000		161000		155000	
Selenium	7782-49-2	ppm-Fe	29	U	28.7	U	44.9		32.8	U	30.6	U	26.3	U	23.7	U	29.3	U	29.7	U	46.8	
Silver	7440-22-4	ppm-Fe	104		22.7		53.1		54.6		59.2		57.1		52.3		95.5		154		234	
Sodium	7440-23-5	ppm-Fe	276000		271000		264000		304000		293000		234000		178000		261000		300000		333000	
Thallium	7440-28-0	ppm-Fe	43	U	40	U					55.9	U	47.6	U	43.1	U	60.5	U	62.3	U	64.3	U
Titanium	7440-32-6	ppm-Fe	17800		18000		19800		18000		17800		18100		17100		16200		17700		17000	
Vanadium	7440-62-2	ppm-Fe	1520		1510		1460		1410		1290		1340		1320		1310		1490		1710	
Zinc	7440-66-6	ppm-Fe	7030		1500		5800		5670		5390		4920		4550		6590		10400		16300	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB01SED032		NB01SED033A		NB01SED033A		NB01SED034A		NB01SED034A		NB01SED034A		NB01SED035A		NB01SED036		NB01SED036		NB01SED036	
		Sample Name	NB01SED032A-04		NB01SED033AD-01		NB01SED033AD-02		NB01SED034AC-01		NB01SED034AC-02		NB01SED034AC-03		NB01SED035AC-01		NB01SED036F-01		NB01SED036F-02		NB01SED036F-03	
		Date Collected	11/13/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		11/27/2005		11/27/2005		11/27/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	555000		515000		523000		562000		544000		534000		512000		439000		479000		568000	
Antimony	7440-36-0	ppm-Fe			28.3	U	26.2	U	31.1	U	24.8	U	23.1	U	32.8	U	77.9		41.5		25.8	U
Arsenic	7440-38-2	ppm-Fe	1140		339		322		333		320		347		331		311		274		271	
Barium	7440-39-3	ppm-Fe	8540		5150		4190		3980		4010		4010		4630		15100		11500		4920	
Beryllium	7440-41-7	ppm-Fe	32		31.8		32.2		31.1		32.4		32.6		30.7		22.5		25.3		31.6	
Cadmium	7440-43-9	ppm-Fe	292		22.7		20.5		28.2		18.4		26.7		27.2		152		92.2		24.7	
Calcium	7440-70-2	ppm-Fe	309000		313000		336000		261000		314000		323000		289000		171000		206000		282000	
Chromium	7440-47-3	ppm-Fe	15800		2830		2390		2760		2400		2800		2700		4580		3290		2510	
Cobalt	7440-48-4	ppm-Fe	370		352		359		339		347		350		338		263		274		324	
Copper	7440-50-8	ppm-Fe	11000		2940		2750		3330		2960		3410		3590		6380		5090			
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	9360		3080		2680		3390		2860		3180		3660		15300		9380		3610	
Magnesium	7439-95-4	ppm-Fe	262000		280000		280000		278000		276000		280000		284000		208000		226000		274000	
Manganese	7439-96-5	ppm-Fe	11000		16100		18400		17400		17000		16600		15100		8200		9790		14400	
Mercury	7439-97-6	ppm-Fe	263		38.2		28.5		36.7		33.9		44.5		38.3		41.5		34.6		39.5	
Nickel	7440-02-0	ppm-Fe	1950		1120		1070		1030		1060		1190		1010		1140		1000		982	
Potassium	7440-09-7	ppm-Fe	156000		146000		143000		155000		153000		146000		142000		115000		126000		164000	
Selenium	7782-49-2	ppm-Fe	64.1		68.7		67.1		67.8		44.4		38.6		59.2		72.7		30	U	42.1	
Silver	7440-22-4	ppm-Fe	253		73		73.8		76.3		78.2		104		73.2		70.9		64.5		68.4	
Sodium	7440-23-5	ppm-Fe	326000		305000		278000		367000		290000		247000		390000		374000		297000		274000	
Thallium	7440-28-0	ppm-Fe	64.1	U	47.2	U	43.6	U	50.8	U	41.3	U	56.4		55.7	U	72.7	U	71.4		60.5	U
Titanium	7440-32-6	ppm-Fe	17500		18200		18800		18100		17600		17300		16100		14800		14700		16600	
Vanadium	7440-62-2	ppm-Fe	2120		1360		1410		1360		1390		1340		1280		1400		1330		1370	
Zinc	7440-66-6	ppm-Fe	18300		6520		5870		6840		6050		6170		7840		25300		17100		7710	

		Location ID	NB01SED037		NB01SED037		NB01SED037		NB01SED037		NB01SED038		NB01SED038		NB01SED038		NB01SED038		NB01SED039		NB01SED039	
		Sample Name	NB01SED037C-01		NB01SED037C-02		NB01SED037C-03		NB01SED037C-04		NB01SED038A-01		NB01SED038A-02		NB01SED038A-03		NB01SED038A-04		NB01SED039A-01		NB01SED039A-02	
		Date Collected	11/14/2005		11/14/2005		11/14/2005		11/14/2005		11/20/2005		11/20/2005		11/20/2005		11/20/2005		11/17/2005		11/17/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	549000		560000		537000		551000		583000		553000		512000		524000		535000		557000	
Antimony	7440-36-0	ppm-Fe	22.1		47.3		84.7		27.6	U	41.3	U	30.5	U	28	U	36.8	U	51.2	U	57	U
Arsenic	7440-38-2	ppm-Fe	363		631		1030		393		580		358		309		325		726		1320	
Barium	7440-39-3	ppm-Fe	4040		5580		5600		1520		2700		1500		1340		1350		5210		5570	
Beryllium	7440-41-7	ppm-Fe	24.4		26		23.5		21.5		29.7		26.8		25.6		26.4		27		26.3	
Cadmium	7440-43-9	ppm-Fe	49.4		168		225		28.8		16.7		1.8	U	1.7	U	2.2	U	74.4		52.6	
Calcium	7440-70-2	ppm-Fe	210000		296000		537000		5030000										256000		150000	
Chromium	7440-47-3	ppm-Fe	4040		9100		19800		1170		4990		979		903		932		5490		4820	
Cobalt	7440-48-4	ppm-Fe	329		343		342		319		384		326		319		332		335		338	
Copper	7440-50-8	ppm-Fe	3940		7330		10100		564		2010		526		411		422		4880		5180	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	3760		6080		8600		436		3510		584		329		318		5530		6050	
Magnesium	7439-95-4	ppm-Fe	268000		260000		240000		260000		226000		217000		212000		214000		236000		225000	
Manganese	7439-96-5	ppm-Fe	12100		12000		10300		24300		11000		15200		16700		12900		11200		11400	
Mercury	7439-97-6	ppm-Fe	62.1		194		215		0.74		45.7		0.74		0.15	U	0.25		83.7		101	
Nickel	7440-02-0	ppm-Fe	1240		1480		1630		761		1010		747		720		722		1230		1460	
Potassium	7440-09-7	ppm-Fe	137000		147000		140000		148000										145000		147000	
Selenium	7782-49-2	ppm-Fe	27.7	U	30.7	U	35.8	U	37.4	U	62.3		48.4		48.3		52.3		29.3	U	32.9	
Silver	7440-22-4	ppm-Fe	86.2		163		208		6.1		23.2		11.1	U	10.1	U	13.7	U	65.1		30.3	
Sodium	7440-23-5	ppm-Fe	236000		272000		314000		256000		166000		144000		133000		115000		203000		216000	
Thallium	7440-28-0	ppm-Fe	49.4	U	52	U	61.9	U	67.5	U	61.6	U	46.3		45.4		56.3		55.8		78.9	
Titanium	7440-32-6	ppm-Fe	16400		17500		17100		16400		15700		14100		13100		14900		17700		18100	
Vanadium	7440-62-2	ppm-Fe	1290		1610		2070		1180		1410		1250		1180		1210		1340		1360	
Zinc	7440-66-6	ppm-Fe	6340		11800		15500		2200		5330		2130		1980		2050		8880		9560	

		Location ID	NB01SED039		NB01SED039		NB01SED040		NB01SED040		NB01SED040		NB01SED040		NB01SED041		NB01SED041		NB01SED041		NB01SED041	
		Sample Name	NB01SED039A-03		NB01SED039A-04		NB01SED040A-01		NB01SED040A-02		NB01SED040A-03		NB01SED040A-04		NB01SED041A-01		NB01SED041A-02		NB01SED041A-03		NB01SED041A-04	
		Date Collected	11/17/2005		11/17/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	582000		571000		503000		578000		570000		581000		567000		487000		532000		558000	
Antimony	7440-36-0	ppm-Fe	54.8	U	53.7	U	43.7		25.2	U	29		22.3	U	54.7		87.3		85.9		35.8	
Arsenic	7440-38-2	ppm-Fe	429		268		566		568		640		587		771		2140		1930		1630	
Barium	7440-39-3	ppm-Fe	1920		1610		13700		7930		6250		5310		11700		87600		83700		75200	
Beryllium	7440-41-7	ppm-Fe	25.4		25.4		5.5		6.1		5.9		6.2		34.3		31		36		32.8	
Cadmium	7440-43-9	ppm-Fe	14.7		14.1		87.4		81.6		73.5		72.6		284		727		343		293	
Calcium	7440-70-2	ppm-Fe	188000		108000		131000		120000		118000		107000		1290000		115000		146000		116000	
Chromium	7440-47-3	ppm-Fe	1220		1050		8330		8400		6690		7680		10000		28700		18100		14900	
Cobalt	7440-48-4	ppm-Fe	350		351		350		401		375		369		378		352		371		352	
Copper	7440-50-8	ppm-Fe	910		429		11900		10200		10700		12300		5370		13500		11100		10600	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	921		429		14200		10800		11000		11500		11100		30100		26400		28400	
Magnesium	7439-95-4	ppm-Fe	236000		234000		42900		46300		44900		46100		283000		221000		256000		220000	
Manganese	7439-96-5	ppm-Fe	14500		14400		9130		10400		10800		11800		14500		9630		10500		10200	
Mercury	7439-97-6	ppm-Fe	12.4		0.78		150		139		88.2		103		89.6		189		150		125	
Nickel	7440-02-0	ppm-Fe	887		898		2450		2350		2350		2070		1220		1590		1520		1450	
Potassium	7440-09-7	ppm-Fe	147000		143000		25800		28600		26600		25900		162000		123000		145000		146000	
Selenium	7782-49-2	ppm-Fe	32.8	U	29.8	U	71		29.9	U	27.9	U	26.3	U	33.3	U	50.7		33.2	U	71.6	
Silver	7440-22-4	ppm-Fe	10.7	U	9.8	U	15.3		15.3		14.7		14.8		64.7		141		105		104	
Sodium	7440-23-5	ppm-Fe	156000		149000		279000		253000		207000		199000		220000		273000		274000		245000	
Thallium	7440-28-0	ppm-Fe	90.4		42.9	U	43.7	U	40.8	U	40.4	U	36.3	U	45.3	U	42.3	U	44.3	U	38.8	U
Titanium	7440-32-6	ppm-Fe	20300		18500		13600		15500		15700		14400		17000		13900		14400		15000	
Vanadium	7440-62-2	ppm-Fe	1310		1270		1310		1340		1260		1250		1320		1350		1410		1400	
Zinc	7440-66-6	ppm-Fe	2930		2300		4430		3150		3630		3380		15100		83900		63400		67800	

		Location ID	NB01SED042		NB01SED042		NB01SED042		NB01SED043		NB01SED043		NB01SED043		NB01SED044		NB01SED044		NB01SED044		NB01SED044	
		Sample Name	NB01SED042B-01		NB01SED042B-02		NB01SED042B-03		NB01SED043C-01		NB01SED043C-02		NB01SED043C-03		NB01SED044A-01		NB01SED044A-02		NB01SED044A-03		NB01SED044A-04	
		Date Collected	12/5/2005		12/5/2005		12/5/2005		11/20/2005		11/20/2005		11/20/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	488000		488000		504000		555000		537000		566000		555000		550000		566000		608000	
Antimony	7440-36-0	ppm-Fe	26	U	21.5	U	25	U	24.1	U	24.1	U	22.2	U	27.5	U	28.1	U	36.4		65.3	
Arsenic	7440-38-2	ppm-Fe	405		304		361		348		395		331		361		480		605		639	
Barium	7440-39-3	ppm-Fe	4050		4150		4140		4580		3920		4280		4890		5560		6100		6560	
Beryllium	7440-41-7	ppm-Fe	23.5		23.5		23.2		31.3		30.1		31.3		30.8		29.2		31.2		34.1	
Cadmium	7440-43-9	ppm-Fe	69.2		33.6		42.9		22.3		30.1		30		31		137		260		253	
Calcium	7440-70-2	ppm-Fe	268000		564000		518000								230000		199000		157000		193000	
Chromium	7440-47-3	ppm-Fe	3840		2850		3190		2820		3120		2740		3950		7110		10200		10500	
Cobalt	7440-48-4	ppm-Fe	343		329		336		348		323		356		347		365		371		355	
Copper	7440-50-8	ppm-Fe	3600		3010		3440		3200		3510		3120		4090		7310		10500		9010	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	3450		3020		3470		2960		3450		2660		4310		7690		11000		10100	
Magnesium	7439-95-4	ppm-Fe	254000		276000		280000		294000		266000		290000		274000		252000		235000		242000	
Manganese	7439-96-5	ppm-Fe	14300		14600		15900		14700		14100		17000		12600		12000		10700		11300	
Mercury	7439-97-6	ppm-Fe	90		41.5		50		34.5		41.1		37.5		75.3		216		301		239	
Nickel	7440-02-0	ppm-Fe	1180		1230		1360		1230		1060		972		1380		1580		1690		1440	
Potassium	7440-09-7	ppm-Fe	120000		122000		126000								143000		138000		138000		149000	
Selenium	7782-49-2	ppm-Fe	30.8	U	25.3	U	29.6	U	62.7		57.5		53.1								26.7	U
Silver	7440-22-4	ppm-Fe	96.9		65.7		85.7		62.7		82.2		65.6		90.7		149		234		190	
Sodium	7440-23-5	ppm-Fe	239000		242000		283000		257000		367000		241000		220000		237000		268000		236000	
Thallium	7440-28-0	ppm-Fe	62.3	U	51.9	U	60.7	U	37.6	U	52.1		53.1		63.2	U	64.3	U	59.7	U	56.8	U
Titanium	7440-32-6	ppm-Fe	16100		16400		15400		16100		13300		15200		17500		16400		15200		17000	
Vanadium	7440-62-2	ppm-Fe	1280		1250		1260		1350		1280		1320		1360		1460		1590		1750	
Zinc	7440-66-6	ppm-Fe	7160		5880		6360		5830		6300		5000		7520		13900		19300		16300	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB01SED044		NB01SED044		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED046		NB01SED046	
		Sample Name	NB01SED044A-05		NB01SED044A-06		NB01SED045B-01		NB01SED045B-02		NB01SED045B-03		NB01SED045B-04		NB01SED045B-05		NB01SED045B-06		NB01SED046E-01		NB01SED046E-02	
		Date Collected	11/27/2005		11/27/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/5/2005		12/5/2005	
		Depth	3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	612000		613000		535000		483000		591000		572000		559000		683000		514000		501000	
Antimony	7440-36-0	ppm-Fe	25.8	U	44.5		38.1	U	53.6		29.7	U	27.1	U	25.5	U	34.9	U	21.3	U	42.2	
Arsenic	7440-38-2	ppm-Fe	663		1070		1010		1650		509		197		294		312		312		578	
Barium	7440-39-3	ppm-Fe	6740		7970		6490		6030		2170		1620		1550		1150		4790		6200	
Beryllium	7440-41-7	ppm-Fe	34.3		32.9		31		28.5		30.2		28.3		28.3		26.5		25.9		26.4	
Cadmium	7440-43-9	ppm-Fe	232		255		101		61.5		6.9		4.1	U	3.9	U	5.1	U	60.3		235	
Calcium	7440-70-2	ppm-Fe	249000		313000		216000		1360000		440000		86200		81800		65600		295000		237000	
Chromium	7440-47-3	ppm-Fe	11400		13300		9820		7210		1690		1050		1020		963		3650		8550	
Cobalt	7440-48-4	ppm-Fe	376		398		369		335		353		346		336		312		333		335	
Copper	7440-50-8	ppm-Fe	8000		8780		6370		6090		1710		349		381		360		3490		7490	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	7900		6770		6010		7430		2250		353		360		312		3620		7990	
Magnesium	7439-95-4	ppm-Fe	262000		263000		242000		223000		238000		238000		225000		194000		265000		237000	
Manganese	7439-96-5	ppm-Fe	12700		14300		11500		12100		19000		16900		16300		11900		14100		12300	
Mercury	7439-97-6	ppm-Fe	191		261		179		128		51.7		0.78		0.98		1.1		117		92.3	
Nickel	7440-02-0	ppm-Fe	1490		1640		1610		1510		888		784		769		661		1160		1390	
Potassium	7440-09-7	ppm-Fe	161000		159000		138000		126000		150000		146000		142000		107000		132000		119000	
Selenium	7782-49-2	ppm-Fe	27.9	U			41.7	U	55.9		32.3	U	29.7	U	28	U	38.1	U	25.5	U	23	U
Silver	7440-22-4	ppm-Fe	157		162		101		55.9		17.7		6.7		7.3		12.2		74.5		164	
Sodium	7440-23-5	ppm-Fe	225000		199000		218000		237000		171000		165000		166000		158000		230000		236000	
Thallium	7440-28-0	ppm-Fe	55.8	U	50.3	U							63.2	U	59.4	U	79.4	U	53.2	U	47.5	U
Titanium	7440-32-6	ppm-Fe	16800		16100		21200		17400		18100		16900		15600		17400		17000		15200	
Vanadium	7440-62-2	ppm-Fe	1720		1930		1510		1310		1350		1260		1300		1350		1330		1570	
Zinc	7440-66-6	ppm-Fe	14900		16900		11500		12200		4120		2280		2170		1940		6950		12600	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB01SED046		NB01SED047		NB01SED047		NB01SED047		NB01SED048		NB01SED048		NB01SED049		NB01SED049		NB01SED049		NB01SED049	
		Sample Name	NB01SED046E-03		NB01SED047A-01		NB01SED047A-02		NB01SED047A-03		NB01SED048A-01		NB01SED048A-02		NB01SED049C-01		NB01SED049C-02		NB01SED049C-03		NB01SED049C-04	
		Date Collected	12/5/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005	
		Depth	1.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	441000		535000		531000		554000		540000		558000		539000		591000		560000		569000	
Antimony	7440-36-0	ppm-Fe	17.4	U	47.1	U	48	U	39.8	U	52	U	42.4	U	45.1	U	41.6	U	37.9	U	33.1	U
Arsenic	7440-38-2	ppm-Fe	541		446		452		401		353		336		942		1730		964		875	
Barium	7440-39-3	ppm-Fe	4630		4290		4040		3940		4800		4880		5200		5450		5050		4450	
Beryllium	7440-41-7	ppm-Fe	24.6		26.6		26.8		28.7		28		29.1		23.4		21.7		21.1		20.2	
Cadmium	7440-43-9	ppm-Fe	117		69.3		76.3		79.5		49.1		48.5		163		203		198		200	
Calcium	7440-70-2	ppm-Fe	434000		230000		223000		343000		301000		388000		205000		207000		205000		184000	
Chromium	7440-47-3	ppm-Fe	6440		3880		4320		3730		2820		2840		4420		5470		4590		4090	
Cobalt	7440-48-4	ppm-Fe	356		330		342		346		329		345		324		363		343		333	
Copper	7440-50-8	ppm-Fe	3840		4740		5110		4250		3470		3450		8500		12500		12600		16900	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	3950		4210		4630		3790		3150		3210		7140		8960		8610		8700	
Magnesium	7439-95-4	ppm-Fe	245000		272000		285000		265000		277000		281000		233000		212000		208000		183000	
Manganese	7439-96-5	ppm-Fe	15400		15500		15300		15900		15200		15100		11700		10800		10100		8530	
Mercury	7439-97-6	ppm-Fe	89		74.8		90.4		85.6		75.1		57.6		1770		3720		5940		10900	
Nickel	7440-02-0	ppm-Fe	1070		1190		1520		1010		1000		1080		1440		2160		1670		1740	
Potassium	7440-09-7	ppm-Fe	101000		151000		147000		152000		160000		159000		134000		127000		121000		101000	
Selenium	7782-49-2	ppm-Fe	20.6	U	36		27.1	U	23.2	U	31.8		28.5		26.5	U	25.4	U	40		40.3	
Silver	7440-22-4	ppm-Fe	71.2		91.4		107		91.7		49.1		57.6		363		684		667		888	
Sodium	7440-23-5	ppm-Fe	129000		299000		305000		204000		332000		286000		288000		279000		253000		226000	
Thallium	7440-28-0	ppm-Fe	42.7	U	52.6		65		39.8		72.3		42.4		74.2		55.4		37.9		56.2	
Titanium	7440-32-6	ppm-Fe	13200		15800		15500		16100		16000		15800		14800		14100		13600		11800	
Vanadium	7440-62-2	ppm-Fe	1280		1340		1360		1340		1270		1290		1390		1440		1380		1240	
Zinc	7440-66-6	ppm-Fe	7300		7730		8050		7060		6710		6180		14000		17100		16300		17700	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB01SED049		NB01SED049		NB01SED050		NB01SED050		NB01SED050		NB01SED050		NB01SED051		NB01SED051		NB01SED051		NB01SED051	
		Sample Name	NB01SED049C-05		NB01SED049C-06		NB01SED050A-01		NB01SED050A-02		NB01SED050A-03		NB01SED050A-04		NB01SED051D-01		NB01SED051D-02		NB01SED051D-03		NB01SED051D-04	
		Date Collected	11/17/2005		11/17/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005	
		Depth	3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	510000		547000		507000		486000		498000		544000		441000		470000		473000		576000	
Antimony	7440-36-0	ppm-Fe	38.7		33.9	U	24.9	U	18.7	U	23.3	U	30.8	U	20.3	U	25.5		44.5		22.1	U
Arsenic	7440-38-2	ppm-Fe	654		775		344		264		294		263		395		522		588		444	
Barium	7440-39-3	ppm-Fe	5460		4820		1850		1270		1240		1280		4690		5620		4640		4120	
Beryllium	7440-41-7	ppm-Fe	23.7		24.2		20.6		20.6		20		19.2		22.7		22.8		25.8		34.6	
Cadmium	7440-43-9	ppm-Fe	101		174		18.2		6.8		6.5		7.7		73.4		242		199		143	
Calcium	7440-70-2	ppm-Fe	204000		252000		426000		79400		78400		76900		209000		189000		316000		430000	
Chromium	7440-47-3	ppm-Fe	3680		5010		1980		958		894		923		4160		9170		8340		6610	
Cobalt	7440-48-4	ppm-Fe	305		337		340		302		310		321		325		344		342		398	
Copper	7440-50-8	ppm-Fe	6220		8450		1100		373		363		410		4300		8710		5600		4230	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	5830		7290		1070		357		343		346		4620		9460		6160		4620	
Magnesium	7439-95-4	ppm-Fe	232000		228000		222000		201000		205000		206000		243000		226000		234000		277000	
Manganese	7439-96-5	ppm-Fe	11900		12100		15100		15500		15600		13800		11000		10900		13200		17100	
Mercury	7439-97-6	ppm-Fe	1150		1830		17.2		1.6		0.94		0.56		87.4		301		164		93.7	
Nickel	7440-02-0	ppm-Fe	1210		1350		852		688		710		756		1280		1660		1250		1220	
Potassium	7440-09-7	ppm-Fe	134000		141000		124000		115000		115000		119000		103000		114000		122000		167000	
Selenium	7782-49-2	ppm-Fe	21.5	U	20.3	U	29.2	U	22.2	U	27.3	U	36.5	U	24.1	U	25	U	19.7	U	24.4	U
Silver	7440-22-4	ppm-Fe	215		327		24.9		7.7		6.5		8.3		87.4		188		110		85.4	
Sodium	7440-23-5	ppm-Fe	245000		209000		192000		168000		182000		165000		178000		237000		200000		158000	
Thallium	7440-28-0	ppm-Fe	32.3	U	67.8		62.2	U	45	U	57.1	U	76.9	U	49	U	51.1	U	39.8	U	50.6	U
Titanium	7440-32-6	ppm-Fe	14600		14500		15400		13400		13800		14800		14500		14700		13000		15400	
Vanadium	7440-62-2	ppm-Fe	1360		1400		1180		1110		1130		1150		1210		1420		1400		1480	
Zinc	7440-66-6	ppm-Fe	11300		14500		3640		2020		2010		2080		8670		18200		11000		8880	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB01SED051		NB01SED051		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED053		NB01SED053	
		Sample Name	NB01SED051D-05		NB01SED051D-06		NB01SED052B-01		NB01SED052B-02		NB01SED052B-03		NB01SED052B-04		NB01SED052B-05		NB01SED052B-06		NB01SED053B-01		NB01SED053B-02	
		Date Collected	12/5/2005		12/5/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/4/2005		12/4/2005	
		Depth	3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-3.5		3.5-6.0		6.0-8.5		8.5-11.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	569000		613000		551000		524000		567000		593000		586000		556000		485000		500000	
Antimony	7440-36-0	ppm-Fe	27.6		29.3	U	26.6	U	25.2	U	27.9	U	51.3		49.6		50.3		24	U	18.7	U
Arsenic	7440-38-2	ppm-Fe	1300		1380		392		460		587		595		936		1400		376		265	
Barium	7440-39-3	ppm-Fe	7870		8260		4900		5270		6830		5330		6300		7590		2320		1310	
Beryllium	7440-41-7	ppm-Fe	33.1		33.5		29.9		29.1		32		34.2		32.1		31.7		21.9		22.4	
Cadmium	7440-43-9	ppm-Fe	279		448		41		112		314		228		274		357		25.9		9.2	
Calcium	7440-70-2	ppm-Fe	214000		197000		228000		228000		208000		322000		306000		254000		200000		76900	
Chromium	7440-47-3	ppm-Fe	16800		30500		4320		6200		13500		10100		15800		19800		2450		973	
Cobalt	7440-48-4	ppm-Fe	359		363		363		371		442		390		388		389		327		313	
Copper	7440-50-8	ppm-Fe	9890		13900		4350		6200		12600		7410		9180		11300		1490		367	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	10100		11600		4780		6550		13100		9570		9010		9440		3320		371	
Magnesium	7439-95-4	ppm-Fe	239000		245000		280000		254000		245000		272000		258000		233000		220000		221000	
Manganese	7439-96-5	ppm-Fe	11800		10500		14000		14200		11800		15000		13500		11300		13200		14900	
Mercury	7439-97-6	ppm-Fe	268		448		80.2		163		378		231		315		429		29.7		1.9	
Nickel	7440-02-0	ppm-Fe	1570		2120		1360		1390		2230		1450		1700		2060		943		748	
Potassium	7440-09-7	ppm-Fe	145000		156000		129000		124000		129000		144000		143000		126000		115000		118000	
Selenium	7782-49-2	ppm-Fe	44.2		54.9		29.5	U	27.8	U	69.8		24.2	U	23.3	U	68.8		28.5	U	22.1	U
Silver	7440-22-4	ppm-Fe	191		290		80		137		235		142		181		201		25.4		3.4	
Sodium	7440-23-5	ppm-Fe	215000		265000		250000		252000		331000		229000		241000		286000		163000		153000	
Thallium	7440-28-0	ppm-Fe			67.1	U	45	U	41.5	U	46.5	U	37	U	35	U			59.3	U	44.2	U
Titanium	7440-32-6	ppm-Fe	15400		17100		18500		16200		16700		17200		17000		15600		15600		14000	
Vanadium	7440-62-2	ppm-Fe	1880		2660		1400		1480		1690		1720		2050		2150		1160		1160	
Zinc	7440-66-6	ppm-Fe	17800		26100		9100		11600		26500		15000		20000		26100		4090		2110	

		Location ID	NB01SED053		NB01SED053		NB01SED053		NB01SED053		NB01SED054		NB01SED054		NB01SED054		NB01SED054		NB01SED055		NB01SED055	
		Sample Name	NB01SED053B-03		NB01SED053B-04		NB01SED053B-05		NB01SED053B-06		NB01SED054A-01		NB01SED054A-02		NB01SED054A-03		NB01SED054A-04		NB01SED055D-01		NB01SED055D-02	
		Date Collected	12/4/2005		12/4/2005		12/4/2005		12/4/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005	
		Depth	1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	474000		474000		430000		480000		502000		487000		773000		877000		526000		499000	
Antimony	7440-36-0	ppm-Fe	17.1	U	15.6	U	14.3	U	17.9	U	33.2	U	32.1	U	55.3	U	58.4	U	28.4	U	26.3	U
Arsenic	7440-38-2	ppm-Fe	296		268		271		706		283		298		138		108		276		366	
Barium	7440-39-3	ppm-Fe	1230		1240		1200		1630		1790		1270		1080		726		4180		4750	
Beryllium	7440-41-7	ppm-Fe	20.7		20.8		18.2		11.5		27.3		24.4		25.3		25.9		30.2		32	
Cadmium	7440-43-9	ppm-Fe	4		2.4	U	2.2	U	7.1		2	U	1.9	U	3.3	U	3.5	U	17.9		36.1	
Calcium	7440-70-2	ppm-Fe	78900		75100		61900		51600		140000		416000		161000		78700		268000		495000	
Chromium	7440-47-3	ppm-Fe	941		858		765		560		1610		1050		1000		960		3380		4320	
Cobalt	7440-48-4	ppm-Fe	303		307		258		139		395		351		300		324		366		402	
Copper	7440-50-8	ppm-Fe	342		334		309		139		1540		690		403		454		3400		3770	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	349		323		289		175		2650		1350		334		311		3540		3840	
Magnesium	7439-95-4	ppm-Fe	209000		204000		177000		75800		232000		214000		217000		180000		285000		269000	
Manganese	7439-96-5	ppm-Fe	13700		13800		9970		3410		15700		15400		14100		9600		15300		14300	
Mercury	7439-97-6	ppm-Fe	1.6		1		0.82		1.2		13.2		4.8		0.79		1.2		59.7		108	
Nickel	7440-02-0	ppm-Fe	714		704		627		313		976		774		760		791		1160		1310	
Potassium	7440-09-7	ppm-Fe	110000		108000		95400		34500		105000		100000		93300		62100		132000		129000	
Selenium	7782-49-2	ppm-Fe	20.4	U	18.6	U	17.1	U	23		48.8		35.7	U	61.1	U	64.9	U	31.7	U	35.6	
Silver	7440-22-4	ppm-Fe	5.9		4.4		5.9		4.8		14.1		5.8	U	10	U	10.5	U	67.2		67	
Sodium	7440-23-5	ppm-Fe	130000		131000		112000		86100		215000		192000		214000		169000		318000		230000	
Thallium	7440-28-0	ppm-Fe	42.8	U	38.4	U	35.8	U	43.7	U	53.7	U	51.8	U	89.9	U	93.4	U	48.5	U	42.8	U
Titanium	7440-32-6	ppm-Fe	12800		11900		10500		9960		15300		15200		19700		18900		16900		15400	
Vanadium	7440-62-2	ppm-Fe	1100		1070		974		1170		1280		1190		1570		1560		1340		1350	
Zinc	7440-66-6	ppm-Fe	2060		1990		1760		913		4070		2480		2580		2450		6940		7220	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB01SED055		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED057		NB01SED057		NB01SED057	
		Sample Name	NB01SED055D-03		NB01SED056B-01		NB01SED056B-02		NB01SED056B-03		NB01SED056B-04		NB01SED056B-05		NB01SED056B-06		NB01SED057B-01		NB01SED057B-02		NB01SED057B-03	
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/6/2005		12/6/2005		12/6/2005	
		Depth	1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	566000		538000		548000		517000		563000		517000		555000		533000		483000		567000	
Antimony	7440-36-0	ppm-Fe	22.6	U	25.1	U	21	U	25.7	U	52.6		23.5	U	72		30.7	U	28.5	U	31.5	U
Arsenic	7440-38-2	ppm-Fe	570		490		484		1100		1220		935		1360		380		487		806	
Barium	7440-39-3	ppm-Fe	6330		5430		4550		7080		7260		7490		9410		3760		4340		6670	
Beryllium	7440-41-7	ppm-Fe	33.9		32.8		35		31.8		34.2		31		32		30.3		29.1		31.5	
Cadmium	7440-43-9	ppm-Fe	95		117		160		279		318		189		387		51.1		139		260	
Calcium	7440-70-2	ppm-Fe	452000		220000		359000		268000		334000		474000		231000		151000		221000		164000	
Chromium	7440-47-3	ppm-Fe	7150		6190		7640		16900		18600		15600		26300		4710		7780		15700	
Cobalt	7440-48-4	ppm-Fe	398		381		397		371		400		375		355		336		364		354	
Copper	7440-50-8	ppm-Fe	4320		6030		5510		10100		10000		8050		13500		4160		6720		9790	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	4220		7000		6330		9890		9000		7740		14800		4490		7480		9580	
Magnesium	7439-95-4	ppm-Fe	283000		260000		279000		237000		271000		274000		238000		245000		231000		233000	
Manganese	7439-96-5	ppm-Fe	17000		12500		15800		11300		14200		16000		11500		11800		11300		10400	
Mercury	7439-97-6	ppm-Fe	90.5		126		128		366		284		173		408		87.6		195		320	
Nickel	7440-02-0	ppm-Fe	1180		1510		1350		1800		2110		1520		1940		1190		1420		1610	
Potassium	7440-09-7	ppm-Fe	152000		129000		138000		117000		140000		127000		126000		136000		119000		136000	
Selenium	7782-49-2	ppm-Fe	24.9	U	31.2		23.3	U	63.7		60.5		26	U	50.7		33.6	U	31.1	U	34.1	U
Silver	7440-22-4	ppm-Fe	72.4		105		102		191		171		130		256		98.5		152		202	
Sodium	7440-23-5	ppm-Fe	177000		230000		213000		286000		256000		192000		240000		201000		230000		260000	
Thallium	7440-28-0	ppm-Fe	36.7	U	40.5	U	35	U	42.4	U	39.5	U	40.2	U	37.3	U	69.3	U	66.2	U		
Titanium	7440-32-6	ppm-Fe	16800		17700		16600		15400		16400		16300		15800		16400		13400		16300	
Vanadium	7440-62-2	ppm-Fe	1520		1460		1540		2030		2060		1760		2300		1320		1330		1900	
Zinc	7440-66-6	ppm-Fe	7960		12800		11400		22400		23300		16400		24500		7880		13000		19000	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB01SED057		NB01SED058		NB01SED058		NB01SED058		NB01SED058		NB01SED059		NB01SED059		NB01SED059		NB01SED059		NB01SED060	
		Sample Name	NB01SED057B-04		NB01SED058B-01		NB01SED058B-02		NB01SED058B-03		NB01SED058B-04		NB01SED059A-01		NB01SED059A-02		NB01SED059A-03		NB01SED059A-04		NB01SED060B-01	
		Date Collected	12/6/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005		12/8/2005		11/21/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	505000		566000		515000		547000		494000		545000		569000		550000		543000		549000	
Antimony	7440-36-0	ppm-Fe	33.4	U	25	U	32.9	U	23	U	20.3	U	46		26.7	U	22.1	U	20.9	U	26.1	U
Arsenic	7440-38-2	ppm-Fe	1360		385		978		689		301		397		337		318		321		320	
Barium	7440-39-3	ppm-Fe	6440		4180		6820		3030		1290		2650		1820		1500		1470		3990	
Beryllium	7440-41-7	ppm-Fe	28.9		30.3		27.4		28.6		25.7		28.5		27.8		27.2		26.7		30.1	
Cadmium	7440-43-9	ppm-Fe	328		65.8		227		46.6		3.1	U	4.6	U	3.9	U	3.4	U	13.9		21.6	
Calcium	7440-70-2	ppm-Fe	179000		128000		205000		89400		71000		116000		102000		71300		94700		206000	
Chromium	7440-47-3	ppm-Fe	17200		5990		20100		9320		1120		3110		1430		1000		1010		3890	
Cobalt	7440-48-4	ppm-Fe	389		329		353		329		314		347		341		324		324		330	
Copper	7440-50-8	ppm-Fe	9510		5160		8580		4470		375		2690		855		358		342		3130	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	7840		6350		9450		3450		391		2920		835		350		340		3500	
Magnesium	7439-95-4	ppm-Fe	232000		236000		218000		211000		207000		232000		229000		221000		214000		257000	
Manganese	7439-96-5	ppm-Fe	11800		10100		10500		13400		15700		12300		17600		17300		16700		13900	
Mercury	7439-97-6	ppm-Fe	343		95.4		236		102		2.1		43		3.9		0.69		0.48		71.9	
Nickel	7440-02-0	ppm-Fe	1910		1240		1890		1020		733		1010		816		745		722		1060	
Potassium	7440-09-7	ppm-Fe	109000										133000		142000		142000		137000			
Selenium	7782-49-2	ppm-Fe	36.5	U									32.2	U	29.4	U	24.4	U	22.7	U		
Silver	7440-22-4	ppm-Fe	179		102		159		65.2		10.3		59.9		23.5		12.6		12		68.6	
Sodium	7440-23-5	ppm-Fe	258000		177000		191000		132000		111000		160000		162000		150000		142000		207000	
Thallium	7440-28-0	ppm-Fe			85.5		71.2	U	80.7		87.4		69.4		66.7		60.2		48.1	U	58.8	U
Titanium	7440-32-6	ppm-Fe	12400		17700		16100		15200		12100		15800		16100		14400		14400		17000	
Vanadium	7440-62-2	ppm-Fe	1960		1480		2380		1500		1180		1320		1310		1270		1250		1340	
Zinc	7440-66-6	ppm-Fe	21300		10500		22200		6710		2060		5620		2870		2150		2110		6110	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB01SED060		NB01SED060		NB01SED060		NB01SED061		NB01SED061		NB01SED062		NB01SED062		NB01SED062		NB01SED062		NB01SED063	
		Sample Name	NB01SED060B-02		NB01SED060B-03		NB01SED060B-04		NB01SED061A-01		NB01SED061A-02		NB01SED062A-01		NB01SED062A-02		NB01SED062A-03		NB01SED062A-04		NB01SED063C-01	
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/28/2005		11/28/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	518000		521000		541000		572000		568000		568000		555000		599000		1140000		489000	
Antimony	7440-36-0	ppm-Fe	25.9	U	26.9	U	24.4	U	50.7		27.1	U	46.8	U	26.6	U	23.9	U	237	U	33.3	U
Arsenic	7440-38-2	ppm-Fe	391		359		442		283		245		638		303		156		254	U	444	
Barium	7440-39-3	ppm-Fe	3820		4240		4530		5000		5240		2640		1540		1560		3340		5300	
Beryllium	7440-41-7	ppm-Fe	28.8		29.5		32		31.9		32.8		29.1		27		27.4		53.5		29.8	
Cadmium	7440-43-9	ppm-Fe	29.4		45.3		84.3		10.5		13.1		17		4	U	3.5	U	34.2	U	17.7	
Calcium	7440-70-2	ppm-Fe	229000		191000		260000		256000		511000		615000		258000		77200		559000		722000	
Chromium	7440-47-3	ppm-Fe	4680		5280		5900		3120		2440		5160		1630		1120		2090		4260	
Cobalt	7440-48-4	ppm-Fe	335		340		340		344		358		383		328		291		325		354	
Copper	7440-50-8	ppm-Fe	3650		4210		5090				4800		2130		639		409		842		3450	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	4000		4500		5030		2990		2720		2080		588		329		632		4180	
Magnesium	7439-95-4	ppm-Fe	255000		262000		253000		277000		263000		218000		216000		224000		704000		261000	
Manganese	7439-96-5	ppm-Fe	14600		13800		14100		14600		14400		15300		15500		10400		5930		14500	
Mercury	7439-97-6	ppm-Fe	70.6		93.9		113		47.1		27.9		44.7		8		0.55		1.7		60.6	
Nickel	7440-02-0	ppm-Fe	1140		1200		1140		1100		996		1150		839		772		1480		1160	
Potassium	7440-09-7	ppm-Fe							155000		166000										133000	
Selenium	7782-49-2	ppm-Fe							43.5		29.7	U									55.6	
Silver	7440-22-4	ppm-Fe	82.4		107		137		68.8		37.1		31.2		15		3.8		33.3	U	75.8	
Sodium	7440-23-5	ppm-Fe	224000		227000		217000		279000		171000		184000		186000		209000		2390000		257000	
Thallium	7440-28-0	ppm-Fe	58.8	U	64.7		81.4		87		61.1	U	184		124		54.8	U	535	U	90.9	
Titanium	7440-32-6	ppm-Fe	14800		15100		15500		18800		16300		18400		14600		15200		28900		15600	
Vanadium	7440-62-2	ppm-Fe	1310		1330		1400		1360		1270		1330		1220		1190		3540		1360	
Zinc	7440-66-6	ppm-Fe	6740		7440		8600		6200		4630		5430		3690		2090		2460		7320	

		Location ID	NB01SED063		NB01SED063		NB01SED063		NB01SED064		NB01SED064		NB01SED064		NB01SED064		NB01SED064		NB01SED064		NB01SED064	
		Sample Name	NB01SED063C-02		NB01SED063C-03		NB01SED063C-04		NB01SED064B-01		NB01SED064B-01		NB01SED064B-02		NB01SED064B-03		NB01SED064B-04		NB01SED064B-05		NB01SED064B-06	
		Date Collected	12/8/2005		12/8/2005		12/8/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005	
		Depth	0.5-1.5		1.5-3.5		3.5-4.5		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	489000		529000		542000				665000		2430000		1850000		1090000		910000		716000	
Antimony	7440-36-0	ppm-Fe	32.3	U	31.6		25.5	U			102	U	154	U	123	U	97.8	U	86.3	U	103	U
Arsenic	7440-38-2	ppm-Fe	413		522		889				201		164	U	131	U	134		92.4	U	110	U
Barium	7440-39-3	ppm-Fe	5340		6140		6610				2120		3180		2980		1820		1710		1380	
Beryllium	7440-41-7	ppm-Fe	30		30.5		31				44.2		74.4		51.4		35.9		34.1		35	
Cadmium	7440-43-9	ppm-Fe	58.3		143		148				14.7	U	22.3	U	17.7	U	14.2	U	17.1		14.9	U
Calcium	7440-70-2	ppm-Fe	430000		194000		213000				248000		224000		105000		94800		128000		124000	
Chromium	7440-47-3	ppm-Fe	5070		9600		15900				1890		2490		2260		1660		1750		1470	
Cobalt	7440-48-4	ppm-Fe	372		360		362				415		436		514		539		542		420	
Copper	7440-50-8	ppm-Fe	4530		7170		6720				1010		333		219		259		763		1030	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000				1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	4710		7500		6460				1120		769		797		499		502		396	
Magnesium	7439-95-4	ppm-Fe	283000		233000		226000				298000		387000		270000		267000		287000		259000	
Manganese	7439-96-5	ppm-Fe	16200		12400		12400				6290		5560		9430		9760		9900		9810	
Mercury	7439-97-6	ppm-Fe	152		199		299				10.7		3.1		2.1		0.54	U	0.7		0.56	U
Nickel	7440-02-0	ppm-Fe	1280		1490		1410				678		897		1210		1320		1530		1190	
Potassium	7440-09-7	ppm-Fe	135000		133000		129000															
Selenium	7782-49-2	ppm-Fe	35.4	U	31.6	U	44.3		105	U			167	U	134	U			96.4	U		
Silver	7440-22-4	ppm-Fe	108		154		122				16.2		21.5	U	17.2	U	13.8	U	18.3		14.5	U
Sodium	7440-23-5	ppm-Fe	265000		226000		176000				856000		810000		185000		88000		49200		76500	
Thallium	7440-28-0	ppm-Fe	76.2		66.2	U	59	U			231	U	359	U	283	U	220		301		231	U
Titanium	7440-32-6	ppm-Fe	14600		16000		14500				17700		49200		48800		45500		46400		41000	
Vanadium	7440-62-2	ppm-Fe	1400		1560		1860				1420		3440		2370		1420		1470		1520	
Zinc	7440-66-6	ppm-Fe	8390		13800		14200				3430		2280		2750		3150		3920		2770	

		Location ID	NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED066		NB01SED066		NB01SED068		NB01SED068	
		Sample Name	NB01SED065A-01		NB01SED065A-02		NB01SED065A-03		NB01SED065A-04		NB01SED065A-05		NB01SED065A-06		NB01SED066E-01		NB01SED066E-02		NB01SED068B-01		NB01SED068B-02	
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		10/30/2005		10/30/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	511000		490000		498000		518000		531000		545000		555000		512000		548000		550000	
Antimony	7440-36-0	ppm-Fe	30.7	U	21.8	U	19.4	U	23.3	U	23.8	U	25.3	U	52.4	U	47.4	U	25.8	U	24.4	U
Arsenic	7440-38-2	ppm-Fe	738		1480		1830		689		413		347		709		1010		516		444	
Barium	7440-39-3	ppm-Fe	4530		3440		3970		2110		1920		1840		5160		6600		8960		6820	
Beryllium	7440-41-7	ppm-Fe	28		26.2		26.8		27.5		27.4		27.8		32		31.6		34.6		34.4	
Cadmium	7440-43-9	ppm-Fe	57.8		24.8		26.8		1.4	U	1.5	U	1.6	U	39.8		75.4		31.9		16.6	
Calcium	7440-70-2	ppm-Fe													200000		189000		240000		212000	
Chromium	7440-47-3	ppm-Fe	5330		5340		5270		1400		1040		1030		7300		8520		3270		2950	
Cobalt	7440-48-4	ppm-Fe	338		342		342		325		343		354		388		404		362		347	
Copper	7440-50-8	ppm-Fe	5870		5150		7120		1480		1050		906		3640		4540		6060		5640	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	5290		4880		6740		2730		2380		2380		4520		5410		4790		4240	
Magnesium	7439-95-4	ppm-Fe	226000		205000		188000		193000		198000		207000		241000		232000		269000		272000	
Manganese	7439-96-5	ppm-Fe	10300		11900		10600		14000		34300		23000		11000		10600		15300		14800	
Mercury	7439-97-6	ppm-Fe	71.1		82.6		100		19.7		17.2		6.5		320		175		82.4		68.8	
Nickel	7440-02-0	ppm-Fe	1240		1340		1460		807		782		798		1170		1290		1150		1060	
Potassium	7440-09-7	ppm-Fe													136000		108000		152000		149000	
Selenium	7782-49-2	ppm-Fe	80		68.9		84.8		59		42.9		50.5		83.5		51.8	U	39.9		31.5	
Silver	7440-22-4	ppm-Fe	84.4		38.6		49.1		8.5	U	8.9	U	9.4	U	70.9		61.4		82.4		80.2	
Sodium	7440-23-5	ppm-Fe	235000		201000		160000		152000		125000		153000		177000		171000		311000		318000	
Thallium	7440-28-0	ppm-Fe	53.3		63.4		42.4		42.6		56.1		39.7		126	U	114	U	66.5			
Titanium	7440-32-6	ppm-Fe	17600		12300		11100		11600		11700		12600		22900		16900		17300		16700	
Vanadium	7440-62-2	ppm-Fe	1330		1150		1170		1220		1210		1260		1560		1330		1490		1440	
Zinc	7440-66-6	ppm-Fe	9600		8290		10000		3110		3020		2540		8760		11100		8220		7560	

		Location ID	NB01SED068		NB01SED068		NB01SED068		NB01SED068		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070	
		Sample Name	NB01SED068B-03		NB01SED068B-04		NB01SED068B-05		NB01SED068B-06		NB02SED070C-01		NB02SED070C-02		NB02SED070C-03		NB02SED070C-04		NB02SED070C-05		NB02SED070C-06	
		Date Collected	10/30/2005		10/30/2005		10/30/2005		10/30/2005		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	543000		537000		545000		583000		471000		458000		475000		439000		440000		445000	
Antimony	7440-36-0	ppm-Fe	21.9	U	22	U	20.7	U	25.3		178	U	165	U	148	U	144	U	154	U	153	U
Arsenic	7440-38-2	ppm-Fe	431		411		508		518		634		787		1190		971		1270		2600	
Barium	7440-39-3	ppm-Fe	5770		5780		5820		6400		5830		8350		12100		5590		8050		11300	
Beryllium	7440-41-7	ppm-Fe	31.3		31		29.3		31.6		23.9		24.5		23.1		23.4		24.8		23.3	
Cadmium	7440-43-9	ppm-Fe	17.2		10.7		21		33.7		156		235		444		295		278		245	
Calcium	7440-70-2	ppm-Fe	208000		226000		174000		167000		262000		321000		275000		233000		176000		170000	
Chromium	7440-47-3	ppm-Fe	2980		3030		3540		3890		6490		9030		13100		12500		15600		13000	
Cobalt	7440-48-4	ppm-Fe	342		337		348		335		355		368		369		380		308		307	
Copper	7440-50-8	ppm-Fe	5690		5320		6680		7260		6920		9060		11400		10600		13100		13200	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	5870		4960		4950		6040		6380		7650		7820		7820		11500		12000	
Magnesium	7439-95-4	ppm-Fe	264000		263000		295000		272000		281000		267000		249000		232000		225000		223000	
Manganese	7439-96-5	ppm-Fe	14700		13200		13400		13800		13500		12600		12400		11600		10100		10400	
Mercury	7439-97-6	ppm-Fe	62.7		64.4		82.4		362		163		287		423		247		257		233	
Nickel	7440-02-0	ppm-Fe	1130		1240		1940		1720		1630		1840		1870		1520		1480		1390	
Potassium	7440-09-7	ppm-Fe	142000		141000		135000		141000		109000		98100		104000		97100		95900		97900	
Selenium	7782-49-2	ppm-Fe	57.4		45.3		45.2		50.5		30.1		35.5		64.9		47.9		43.8		59	
Silver	7440-22-4	ppm-Fe	149		97.9		117		126													
Sodium	7440-23-5	ppm-Fe	277000		260000		271000		276000		270000		261000		254000		239000		277000		277000	
Thallium	7440-28-0	ppm-Fe									6.5		7.4		8.1		7.5		7.4		9.7	
Titanium	7440-32-6	ppm-Fe	16200		16400		14300		15900		16700		15700		16000		14600		13700		13200	
Vanadium	7440-62-2	ppm-Fe	1430		1440		1420		1460		1640		1740		2200		2060		2030		1590	
Zinc	7440-66-6	ppm-Fe	7750		8310		7980		9070		12400		15500		17600		18500		17700		17500	

		Location ID	NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071	
		Sample Name	NB02SED070C-07		NB02SED070C-08		NB02SED070C-09		NB02SED070C-10		NB02SED070C-11		NB02SED071D-01		NB02SED071D-02		NB02SED071D-03		NB02SED071D-04		NB02SED071D-05	
		Date Collected	12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	446000		440000		463000		448000		434000		457000		452000		469000		469000		453000	
Antimony	7440-36-0	ppm-Fe	158	U	138	U	159	U	341	U	283	U	167	U	159	U	161	U	157	U	189	U
Arsenic	7440-38-2	ppm-Fe	1410		1670		1920		69.2		23.6		330		331		381		405		1090	
Barium	7440-39-3	ppm-Fe	13800		8590		5340		6310		6440		3430		3630		3220		3290		7320	
Beryllium	7440-41-7	ppm-Fe	24.1		20.7		22.6		26.1		24.5		16.7		20.7		22.2		20.4		22.9	
Cadmium	7440-43-9	ppm-Fe	95.2		48.9		35.3		7.4		7.6		23.8		26.8		36.1		40.8		261	
Calcium	7440-70-2	ppm-Fe	384000		249000		177000		1310000		1420000		258000		280000		225000		496000		519000	
Chromium	7440-47-3	ppm-Fe	5300		4080		3340		851		830		2600		2550		3030		3290		11600	
Cobalt	7440-48-4	ppm-Fe	330		325		385		386		377		336		363		325		318		340	
Copper	7440-50-8	ppm-Fe	9970		7820		6710		1010		840		3150		3180		3860		4290		11300	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	11400		25100		8270		840		472		3180		3040		3810		4170		9000	
Magnesium	7439-95-4	ppm-Fe	234000		222000		221000		343000		334000		292000		341000		292000		269000		252000	
Manganese	7439-96-5	ppm-Fe	10300		12200		11100		22800		25900		13300		14600		13600		13200		11000	
Mercury	7439-97-6	ppm-Fe	143		184		145		1.3	U	1	U	43.2		44.6		52.8		70		290	
Nickel	7440-02-0	ppm-Fe	1500		1260		2630		795		764		1300		2130		1420		1200		1980	
Potassium	7440-09-7	ppm-Fe	97000		94800		98900		123000		119000		104000		100000		104000		103000		96900	
Selenium	7782-49-2	ppm-Fe	74.4		71.8		38.9		3.6		1.7		12.7		16.9		21.9		22.7		46.2	
Silver	7440-22-4	ppm-Fe											64.8		70.1		97.2		111		229	
Sodium	7440-23-5	ppm-Fe	238000		209000		198000		163000		125000		294000		251000		283000		277000		283000	
Thallium	7440-28-0	ppm-Fe	9.5		8.3		9.9		4.5		4.2		3.7		5.4		4.7		4.4		8.5	
Titanium	7440-32-6	ppm-Fe	12900		12300		12800		19600		19200		14400		14500		13000		12300		14500	
Vanadium	7440-62-2	ppm-Fe	1400		1390		1280		1370		1370		1260		1280		1260		1290		1870	
Zinc	7440-66-6	ppm-Fe	16000		13400		9790		2190		2050		5990		5640		6640		7080		16600	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED072	
		Sample Name	NB02SED071D-06		NB02SED071D-07		NB02SED071D-08		NB02SED071D-09		NB02SED072D-01		NB02SED072D-02		NB02SED072D-03		NB02SED072D-04		NB02SED072D-05		NB02SED072D-06	
		Date Collected	11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	451000		441000		446000		427000		37.5	U	430000		425000		431000		419000		424000	
Antimony	7440-36-0	ppm-Fe	158	U	191	U	169	U	252	U	191	U	181	U	174	U	184	U	197	U	201	U
Arsenic	7440-38-2	ppm-Fe	1200		2040		1300		593		399		440		492		485		368		408	
Barium	7440-39-3	ppm-Fe	6180		7370		9270		4030		3480		3790		4210		2880		964		914	
Beryllium	7440-41-7	ppm-Fe	20.1		25.4		17.3		17		37.5	U	36.9	U	33.4	U	36.8	U	39.4	U	40.8	U
Cadmium	7440-43-9	ppm-Fe	230		191		69.2		14.1		37.5		53.7		83.6		62.8		9.8		9.8	
Calcium	7440-70-2	ppm-Fe	470000		2670000		677000		1870000		208000		196000		234000		215000		2100000		4110000	
Chromium	7440-47-3	ppm-Fe	15600		12600		5540		1840		3150		3890		4580		2850		922		805	
Cobalt	7440-48-4	ppm-Fe	316		330		312		333		328		322		328		331		316		293	
Copper	7440-50-8	ppm-Fe	11700		10600		9270		2050		4780		4730		5320		2710		472		356	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	9930		9230		10800		2770		3820		4870		5220		2830		472		368	
Magnesium	7439-95-4	ppm-Fe	230000		241000		230000		224000		282000		284000		267000		230000		245000		256000	
Manganese	7439-96-5	ppm-Fe	10000		14500		11700		18700		12500		12200		13100		13900		20400		23700	
Mercury	7439-97-6	ppm-Fe	250		268		131		24.4		47.8		70.5		114		100		2.5		1	
Nickel	7440-02-0	ppm-Fe	1690		1330		1340		919		1210		1390		1170		1020		762		684	
Potassium	7440-09-7	ppm-Fe	97000		92300		92300		88900		94900		94600		95300		88700		89600		92500	
Selenium	7782-49-2	ppm-Fe	42.8		57.4		65.4		17.8		191	U	181	U	174	U	184	U	197	U	201	U
Silver	7440-22-4	ppm-Fe	247		177		115		14.8		75.1		101		114		71.1		4.5		2.5	
Sodium	7440-23-5	ppm-Fe	266000		231000		206000		170000		326000		301000		274000		216000		204000		254000	
Thallium	7440-28-0	ppm-Fe	8.2		9.1		7.7		4.5		37.5	U	36.9	U	33.4	U	36.8	U	39.4	U	40.8	U
Titanium	7440-32-6	ppm-Fe	13800		13600		12100		11900		12300		11600		12400		11300		10900		10000	
Vanadium	7440-62-2	ppm-Fe	2060		1610		1340		1160		1150		1180		1230		1170		1130		994	
Zinc	7440-66-6	ppm-Fe	15700		14300		14000		4760		6660		7620		8430		5480		2210		2120	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB02SED072		NB02SED072		NB02SED072		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073	
		Sample Name	NB02SED072D-07		NB02SED072D-08		NB02SED072D-09		NB02SED073D-01		NB02SED073D-02		NB02SED073D-03		NB02SED073D-04		NB02SED073D-05		NB02SED073D-06		NB02SED073D-07	
		Date Collected	11/14/2007		11/14/2007		11/14/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	434000		410000		520000		491000		492000		510000		494000		517000		519000		441000	
Antimony	7440-36-0	ppm-Fe	172	U	210	U	297	U	193	U	169	U	192	U	187	U	169	U	183	U	200	U
Arsenic	7440-38-2	ppm-Fe	370		325		119		521		370		671		921		386		286		285	
Barium	7440-39-3	ppm-Fe	845		694		812		4450		3730		5960		5760		1450		1250		918	
Beryllium	7440-41-7	ppm-Fe	34.1	U	42	U	58.4	U	39.9	U	34.5	U	39	U	38	U	34.3	U	36.9	U	23.7	
Cadmium	7440-43-9	ppm-Fe	8.3		7		4.4		110		50.2		217		206		16.9		9.1		9.2	
Calcium	7440-70-2	ppm-Fe	1650000		656000		24800		209000		241000		168000		273000		826000		817000		194000	
Chromium	7440-47-3	ppm-Fe	808		764		950		6660		4010		10500		12000		1810		1090		961	
Cobalt	7440-48-4	ppm-Fe	302		312		396		340		342		348		354		331		332		341	
Copper	7440-50-8	ppm-Fe	370		389		822		6320		4200		10200		9020		936		477		406	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	358		350		307		5860		3950		9640		7500		1030		456		411	
Magnesium	7439-95-4	ppm-Fe	232000		202000		224000		266000		278000		245000		250000		242000		246000		246000	
Manganese	7439-96-5	ppm-Fe	15800		12500		5400		12200		13300		10800		12100		16800		16600		17400	
Mercury	7439-97-6	ppm-Fe	0.68	U	0.64	U	0.96	U	166		69		259		253		17.8		2.5		1.3	
Nickel	7440-02-0	ppm-Fe	711		694		941		1340		1210		1590		1540		831		788		807	
Potassium	7440-09-7	ppm-Fe	90700		77700		83000		113000		114000		114000		113000		118000		119000		95900	
Selenium	7782-49-2	ppm-Fe	172	U	210	U	297	U	25.2		17.6		36.2		31.6		11.4		10.8		200	U
Silver	7440-22-4	ppm-Fe	2.2		1.4		1.7		123		87.8		192		171		34.3	U	36.9	U	2.4	
Sodium	7440-23-5	ppm-Fe	200000		147000		123000		347000		275000		337000		301000		218000		239000		210000	
Thallium	7440-28-0	ppm-Fe	34.1	U	42	U	0.42	U	39.9	U	34.5	U	39	U	38	U	34.3	U	36.9	U	4.4	
Titanium	7440-32-6	ppm-Fe	10500		10300		9120		15100		15700		16200		15200		14700		14400		11400	
Vanadium	7440-62-2	ppm-Fe	1040		994		1230		1400		1290		1650		1720		1270		1210		1060	
Zinc	7440-66-6	ppm-Fe	2080		1910		2280		10100		6900		15500		14400		3190		2420		2290	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED074		NB02SED074	
		Sample Name	NB02SED073D-08		NB02SED073D-09		NB02SED073D-10		NB02SED073D-11		NB02SED073D-12		NB02SED073D-13		NB02SED073D-14		NB02SED073D-15		NB02SED074C-01		NB02SED074C-02	
		Date Collected	11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/6/2007		11/6/2007	
		Depth	9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	424000		472000		648000		562000		453000		457000		368000		415000		443000		442000	
Antimony	7440-36-0	ppm-Fe	248	U	253	U	304	U	427	U	349	U	379	U	263	U	173	U	216	U	182	U
Arsenic	7440-38-2	ppm-Fe	335		259		122		74.4		72.4		35.2		78.9		218		451		611	
Barium	7440-39-3	ppm-Fe	901		675		842		744		608		934		3440		2110		4160		5160	
Beryllium	7440-41-7	ppm-Fe	24.8		19.9		26.4		31.6		27.2		24.4		23.7		24.6		23.5		24.9	
Cadmium	7440-43-9	ppm-Fe	11.8		5.2		4.6		5.2		4.3		8.9		6.7		10.1		58.8		172	
Calcium	7440-70-2	ppm-Fe	183000		97000		31800		33100		27400		45700		56800		192000		264000		254000	
Chromium	7440-47-3	ppm-Fe	913		765		1110		1040		944		920		930		994		3890		7400	
Cobalt	7440-48-4	ppm-Fe	348		253		284		348		362		392		500		425		333		347	
Copper	7440-50-8	ppm-Fe	447		295		375		538		608		622		605		872		3850		6740	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	410		283		325		332		323		189		395		441		4350		7720	
Magnesium	7439-95-4	ppm-Fe	240000		213000		177000		212000		193000		231000		196000		270000		271000		251000	
Manganese	7439-96-5	ppm-Fe	16000		10000		11500		8130		6160		5860		6070		9830		12400		12900	
Mercury	7439-97-6	ppm-Fe	0.93	U	1.1	U	1.2	U	1.6	U	1.4	U	1.5	U	0.96	U	0.78	U	125		246	
Nickel	7440-02-0	ppm-Fe	814		566		761		886		841		812		833		849		980		1150	
Potassium	7440-09-7	ppm-Fe	94400		62700		60600		65200		54200		62900		66100		72100		97300		96100	
Selenium	7782-49-2	ppm-Fe	248	U	253	U	304	U	427	U	349	U	379	U	263	U	173	U	27.8		34.4	
Silver	7440-22-4	ppm-Fe	2.3		0.84		0.45		0.47	U	0.4		0.42	U	0.69		1.6		66.7		126	
Sodium	7440-23-5	ppm-Fe	209000		319000		134000		93800		86000		102000		104000		100000		322000		247000	
Thallium	7440-28-0	ppm-Fe	5.5		3.9		3.1		3.2		2.3		2.4		4		4.1		7.1		8.1	
Titanium	7440-32-6	ppm-Fe	11200		9340		18200		18700		15800		19800		15400		15800		12400		12300	
Vanadium	7440-62-2	ppm-Fe	1120		1290		1710		1420		1400		1430		1360		1490		1180		1310	
Zinc	7440-66-6	ppm-Fe	2300		1370		1640		2230		2010		2080		2020		2180		7530		12500	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074	
		Sample Name	NB02SED074C-03		NB02SED074C-04		NB02SED074C-05		NB02SED074C-06		NB02SED074C-07		NB02SED074C-08		NB02SED074C-09		NB02SED074C-10		NB02SED074C-11		NB02SED074C-12	
		Date Collected	11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	453000		459000		448000		447000		448000		478000		439000		442000		418000		434000	
Antimony	7440-36-0	ppm-Fe	177	U	181	U	174	U	240	U	157	U	159	U	153	U	160	U	170	U	168	U
Arsenic	7440-38-2	ppm-Fe	739		775		1040		1480		660		1380		1120		2150		3690		3900	
Barium	7440-39-3	ppm-Fe	5980		5720		6810		7330		4080		10800		8320		14000		29400		39000	
Beryllium	7440-41-7	ppm-Fe	22.2		23.1		25.5		34.4		25.2		24.9		25.4		29.7		25.6		25.5	
Cadmium	7440-43-9	ppm-Fe	228		256		230		573		150		536		514		409		729		2480	
Calcium	7440-70-2	ppm-Fe	236000		249000		324000		217000		312000		235000		338000		258000		129000		139000	
Chromium	7440-47-3	ppm-Fe	10600		11800		12800		26800		9380		35500		21700		29700		57600		52700	
Cobalt	7440-48-4	ppm-Fe	345		356		364		340		353		316		347		344		323		343	
Copper	7440-50-8	ppm-Fe	10100		8130		7930		13000		4710		14900		9650		13000		21000		23800	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	10400		8440		7000		11200		5420		28500		19200		28800		49600		36300	
Magnesium	7439-95-4	ppm-Fe	233000		251000		255000		235000		253000		227000		255000		239000		199000		201000	
Manganese	7439-96-5	ppm-Fe	10600		12700		14200		10800		14800		11000		14300		12500		8730		9070	
Mercury	7439-97-6	ppm-Fe	426		309		372		729		111		321		182		252		450		467	
Nickel	7440-02-0	ppm-Fe	1290		1160		1270		2110		1010		1140		1080		1170		1240		1370	
Potassium	7440-09-7	ppm-Fe	94900		94700		93900		92400		93800		89700		101000		96400		84100		85400	
Selenium	7782-49-2	ppm-Fe	42		34.4		37.3		72.5		26.8		53.1		43.4		62.3		98		102	
Silver	7440-22-4	ppm-Fe	192		156		140		256		75.2		226		136		169		239		261	
Sodium	7440-23-5	ppm-Fe	292000		244000		232000		283000		201000		274000		206000		215000		259000		260000	
Thallium	7440-28-0	ppm-Fe	8.1		7.5		7.5		13.4		6.5		6.2		8.1		10.4		12.7		13.2	
Titanium	7440-32-6	ppm-Fe	13000		12300		11900		11700		11000		10400		12100		11200		10700		10100	
Vanadium	7440-62-2	ppm-Fe	1450		1510		1630		2150		1430		2020		1470		1430		1400		1300	
Zinc	7440-66-6	ppm-Fe	18700		15400		15000		30500		9970		39100		17500		21900		43200		69000	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075	
		Sample Name	NB02SED074C-13		NB02SED074C-14		NB02SED074C-15		NB02SED074C-16		NB02SED074C-17		NB02SED075F-01		NB02SED075F-02		NB02SED075F-03		NB02SED075F-04		NB02SED075F-05	
		Date Collected	11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007	
		Depth	19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	406000		426000		429000		444000		454000		427000		467000		461000		430000		415000	
Antimony	7440-36-0	ppm-Fe	160	U	155	U	154	U	155	U	166	U	168	U	163	U	148	U	161	U	162	U
Arsenic	7440-38-2	ppm-Fe	3030		1770		1850		1560		1100		601		1010		895		454		645	
Barium	7440-39-3	ppm-Fe	61100		60700		69200		53200		27700		4310		4250		4450		4380		5310	
Beryllium	7440-41-7	ppm-Fe	23.1		27.4		27.6		25.1		28		19		20		19.3		22.2		20.8	
Cadmium	7440-43-9	ppm-Fe	629		601		468		260		225		50.1		120		136		52.8		79.7	
Calcium	7440-70-2	ppm-Fe	125000		118000		153000		115000		177000		217000		232000		234000		255000		244000	
Chromium	7440-47-3	ppm-Fe	43700		23800		18600		14000		8340		2900		4510		4270		3110		3550	
Cobalt	7440-48-4	ppm-Fe	340		324		333		310		347		303		322		336		311		297	
Copper	7440-50-8	ppm-Fe	18400		12900		14600		13500		8630		4770		7820		12100		4410		5510	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	33400		24700		29800		26600		14100		4770		6020		9430		4270		5580	
Magnesium	7439-95-4	ppm-Fe	200000		209000		215000		212000		221000		240000		241000		215000		272000		254000	
Manganese	7439-96-5	ppm-Fe	9000		10100		10700		9710		13100		13000		12000		10100		12300		12900	
Mercury	7439-97-6	ppm-Fe	380		298		279		254		122		845		2170		6640		317		1070	
Nickel	7440-02-0	ppm-Fe	1030		1120		1140		988		1090		1030		1320		1530		1160		1120	
Potassium	7440-09-7	ppm-Fe	84000		85100		89400		89800		84500		85200		84400		70500		91600		83300	
Selenium	7782-49-2	ppm-Fe	94.3		74.4		86.5		78.9		95.9		20.3		22.3		22.7		19		21.5	
Silver	7440-22-4	ppm-Fe	171		128		115		126		73.8		113		287		364		127		181	
Sodium	7440-23-5	ppm-Fe	241000		213000		206000		220000		173000		344000		324000		273000		296000		314000	
Thallium	7440-28-0	ppm-Fe	12		12.5		12.2		11.7		10.7		32.7	U	32.2	U	29.5	U	31.7	U	31.4	U
Titanium	7440-32-6	ppm-Fe	9910		10000		9810		9590		9480		12200		12100		11100		13300		11900	
Vanadium	7440-62-2	ppm-Fe	1270		1250		1240		1170		1130		1220		1290		1250		1210		1220	
Zinc	7440-66-6	ppm-Fe	83400		67300		69200		59900		32100		9980		13100		16400		8730		11400	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB02SED075		NB02SED075		NB02SED075		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076	
		Sample Name	NB02SED075F-06		NB02SED075F-07		NB02SED075F-08		NB02SED076D-01		NB02SED076D-02		NB02SED076D-03		NB02SED076D-04		NB02SED076D-05		NB02SED076D-06		NB02SED076D-07	
		Date Collected	12/7/2007		12/7/2007		12/7/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-10.7		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	443000		531000		572000		453000		487000		476000		489000		491000		483000		459000	
Antimony	7440-36-0	ppm-Fe	155	U	152	U	163	U	185	U	192	U	172	U	138	U	171	U	171	U	161	U
Arsenic	7440-38-2	ppm-Fe	692		916		1100		408		601		539		466		1130		956		1270	
Barium	7440-39-3	ppm-Fe	4250		4840		9130		4600		5620		4640		3700		7860		6490		7510	
Beryllium	7440-41-7	ppm-Fe	21.2		24.5		32.6		20.8		21.4		26		24.3		24.5		27.6		24.1	
Cadmium	7440-43-9	ppm-Fe	117		292		207		79.2		244		213		150		335		392		290	
Calcium	7440-70-2	ppm-Fe	290000		351000		572000		262000		175000		306000		410000		219000		188000		141000	
Chromium	7440-47-3	ppm-Fe	4610		7300		7680		4420		10200		8780		7090		23500		30400		26900	
Cobalt	7440-48-4	ppm-Fe	324		385		420		340		367		357		384		356		331		298	
Copper	7440-50-8	ppm-Fe	7310		11400		12500		4640		9550		6520		4630		11800		12000		13800	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	6680		8600		9310		4530		9870		6520		4690		9330		10000		12200	
Magnesium	7439-95-4	ppm-Fe	245000		254000		260000		268000		247000		255000		271000		240000		236000		213000	
Manganese	7439-96-5	ppm-Fe	12500		13800		18600		11500		11000		13600		16600		11000		10200		9300	
Mercury	7439-97-6	ppm-Fe	2050		3570		4420		121		396		188		121		493		381		394	
Nickel	7440-02-0	ppm-Fe	1260		1600		1920		1320		1690		1310		1240		1880		1680		1420	
Potassium	7440-09-7	ppm-Fe	85500		91000		92000		100000		103000		106000		108000		97900		98100		90400	
Selenium	7782-49-2	ppm-Fe	21.5		24.8		19.9		16.2		28.9		17.2		8.5		34.9		47		46.6	
Silver	7440-22-4	ppm-Fe	236		339		391		86.8		179		119		76.3		203		246		228	
Sodium	7440-23-5	ppm-Fe	288000		224000		216000		285000		309000		254000		167000		267000		275000		253000	
Thallium	7440-28-0	ppm-Fe	31.1	U	30.4	U	33	U	7.2		9.7		6.6		5.4		9.4		9.1		6.2	
Titanium	7440-32-6	ppm-Fe	12200		13400		13200		14700		14700		14700		14000		13900		13100		12300	
Vanadium	7440-62-2	ppm-Fe	1280		1400		1480		1270		1520		1520		1410		2120		2460		2020	
Zinc	7440-66-6	ppm-Fe	12700		16900		18000		9250		19000		12200		9440		22900		19900		17900	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076	
		Sample Name	NB02SED076D-08		NB02SED076D-09		NB02SED076D-10		NB02SED076D-11		NB02SED076D-12		NB02SED076D-13		NB02SED076D-14		NB02SED076D-15		NB02SED076D-16		NB02SED076D-17	
		Date Collected	10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007	
		Depth	9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	449000		450000		455000		502000		521000		500000		503000		504000		491000		333000	
Antimony	7440-36-0	ppm-Fe	157	U	154	U	160	U	190	U	163	U	174	U	201	U	177	U	189	U	197	U
Arsenic	7440-38-2	ppm-Fe	2630		3250		1700		602		241		246		222		254		236		303	
Barium	7440-39-3	ppm-Fe	9260		10400		9420		2940		1240		1200		1270		1250		1310		1340	
Beryllium	7440-41-7	ppm-Fe	23.4		23		22.9		20.8		23.4		23.3		22.2		20.3		21.2		16.3	
Cadmium	7440-43-9	ppm-Fe	240		320		200		38	U	32.3	U	34.7	U	40.2	U	35.3	U	37.3	U	39.9	U
Calcium	7440-70-2	ppm-Fe	142000		127000		118000		94100		83000		97900		92100		81000		83500		51400	
Chromium	7440-47-3	ppm-Fe	28900		23000		9530		2580		1030		970		952		974		939		697	
Cobalt	7440-48-4	ppm-Fe	300		301		327		353		340		343		360		366		354		348	
Copper	7440-50-8	ppm-Fe	14800		13200		8730		2430		411		403		407		431		406		180	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	15300		13100		8840		2520		397		381		386		392		363		309	
Magnesium	7439-95-4	ppm-Fe	211000		207000		213000		232000		238000		229000		232000		225000		212000		152000	
Manganese	7439-96-5	ppm-Fe	9150		9540		11700		13900		14600		14700		14700		12600		21800		17000	
Mercury	7439-97-6	ppm-Fe	413		420		207		27.1		0.67	U	0.68	U	0.79	U	0.78	U	0.94		0.84	U
Nickel	7440-02-0	ppm-Fe	1430		1400		1350		986		794		775		794		789		741		545	
Potassium	7440-09-7	ppm-Fe	88200		88300		88700		97300		103000		95300		93700		91400		86800		59000	
Selenium	7782-49-2	ppm-Fe	57.9		48.8		43.6		16.3		9.9		9.8		9.5		9.9		8		2.6	
Silver	7440-22-4	ppm-Fe	207		192		94.5		38	U	32.3	U	34.7	U	40.2	U	35.3	U	37.3	U	39.9	U
Sodium	7440-23-5	ppm-Fe	238000		218000		175000		167000		171000		162000		159000		158000		146000		80300	
Thallium	7440-28-0	ppm-Fe	8.3		8.7		10.2		5.9		3.6		3.7		3.7		3.8		3.5		2.1	
Titanium	7440-32-6	ppm-Fe	11900		12000		12600		14400		13100		13400		14900		13600		15300		11300	
Vanadium	7440-62-2	ppm-Fe	1670		1420		1290		1190		1210		1180		1220		1230		1230		1120	
Zinc	7440-66-6	ppm-Fe	18400		20100		16000		5380		2330		2250		2280		2350		2270		1880	

		Location ID	NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077	
		Sample Name	NB02SED077C-01		NB02SED077C-02		NB02SED077C-03		NB02SED077C-04		NB02SED077C-05		NB02SED077C-06		NB02SED077C-07		NB02SED077C-08		NB02SED077C-09		NB02SED077C-10	
		Date Collected	11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	430000		424000		441000		441000		434000		411000		430000		442000		442000		461000	
Antimony	7440-36-0	ppm-Fe	186	U	159	U	160	U	174	U	162	U	146	U	135	U	137	U	132	U	129	U
Arsenic	7440-38-2	ppm-Fe	419		642		728		1170		1040		1420		1520		997		1160		878	
Barium	7440-39-3	ppm-Fe	4340		5360		5310		6430		7000		13400		22600		11800		16400		8120	
Beryllium	7440-41-7	ppm-Fe	22.9		22.1		26.2		25.1		23.8		24.1		22		25		22.5		23.9	
Cadmium	7440-43-9	ppm-Fe	85.3		174		231		338		252		202		163		93.4		147		64.4	
Calcium	7440-70-2	ppm-Fe	233000		231000		284000		309000		386000		151000		137000		207000		194000		188000	
Chromium	7440-47-3	ppm-Fe	4730		8500		11000		23500		21000		11900		9330		6430		9070		6340	
Cobalt	7440-48-4	ppm-Fe	345		349		361		354		341		310		303		321		331		335	
Copper	7440-50-8	ppm-Fe	4920		7980		8180		11600		9380		10900		12900		8320		10000		6310	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	5000		7910		8270		9200		8720		11900		15500		9860		12000		8350	
Magnesium	7439-95-4	ppm-Fe	267000		248000		248000		256000		268000		230000		226000		250000		246000		229000	
Manganese	7439-96-5	ppm-Fe	12200		12100		12400		12900		14200		10400		10700		12800		12800		13000	
Mercury	7439-97-6	ppm-Fe	85.3		196		272		334		286		196		185		124		129		104	
Nickel	7440-02-0	ppm-Fe	1260		1460		1540		1940		1420		1490		1290		1100		1240		1100	
Potassium	7440-09-7	ppm-Fe	88400		88500		90100		90400		85900		81200		82800		86300		84200		85800	
Selenium	7782-49-2	ppm-Fe	20.2		26.5		30.9		38.6		34.5		58.4		62.5		57.7		62		33.7	
Silver	7440-22-4	ppm-Fe	73.6		156		142		193		148		135		120		71.4		82.7		42.5	
Sodium	7440-23-5	ppm-Fe	271000		219000		217000		250000		196000		201000		181000		167000		157000		130000	
Thallium	7440-28-0	ppm-Fe	6.2		7.5		7.4		8.7		7.2		10.6		11.3		8.5		8.8		8.8	
Titanium	7440-32-6	ppm-Fe	14000		13300		13500		13100		13200		11100		11600		12000		10800		11000	
Vanadium	7440-62-2	ppm-Fe	1200		1440		1550		1860		1730		1470		1340		1120		1130		1120	
Zinc	7440-66-6	ppm-Fe	9070		14500		16300		24500		17000		19100		28500		16100		24000		13700	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB02SED077		NB02SED077		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078	
		Sample Name	NB02SED077C-11		NB02SED077C-12		NB02SED078F-01		NB02SED078H-02		NB02SED078H-03		NB02SED078H-04		NB02SED078H-05		NB02SED078H-06		NB02SED078H-07		NB02SED078H-08	
		Date Collected	11/15/2007		11/15/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007	
		Depth	15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	440000		409000		479000		445000		444000		466000		485000		487000		468000		472000	
Antimony	7440-36-0	ppm-Fe	184	U	315	U																
Arsenic	7440-38-2	ppm-Fe	1000		250		325		420		511		618		676		795		611		1270	
Barium	7440-39-3	ppm-Fe	4140		3040		4370		4490		4890		5890		6000		5700		4500		7070	
Beryllium	7440-41-7	ppm-Fe	21.4		23.9		21.2		19.7		22.4		22.3		21.8		24.3		27.8		22.1	
Cadmium	7440-43-9	ppm-Fe	39.3		14.1		93.2		69.3		141		259		368		344		295		514	
Calcium	7440-70-2	ppm-Fe	114000		129000		188000		253000		235000		186000		204000		208000		333000		262000	
Chromium	7440-47-3	ppm-Fe	4130		1000		3630		4530		6520		10800		13700		12000		11000		23300	
Cobalt	7440-48-4	ppm-Fe	338		489		344		354		342		392		424		368		398		384	
Copper	7440-50-8	ppm-Fe	5870		663		5210		4820		7120		11300		12800		10900		7490		13500	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	6720		478		6370		4710		6710		10300		13700		12300		8390		13000	
Magnesium	7439-95-4	ppm-Fe	200000		232000		255000		269000		242000		239000		244000		240000		257000		222000	
Manganese	7439-96-5	ppm-Fe	11400		8420		17600		14600		13900		11900		12100		12600		15400		11000	
Mercury	7439-97-6	ppm-Fe	79.6		1.3	U	54.7		83.9		163		379		415		335		167		409	
Nickel	7440-02-0	ppm-Fe	1110		870		1160		1340		1340		1940		2100		1650		1620		2310	
Potassium	7440-09-7	ppm-Fe	68700		82500		82300		93100		91100		91300		93600		90200		93900		86200	
Selenium	7782-49-2	ppm-Fe	19.9		2.2		13.8		14.6		22		29.8		31.7		32.6		29.2	U	35.9	
Silver	7440-22-4	ppm-Fe	27.9		20.7		80.4		91.2		153		246		252		205		140		340	
Sodium	7440-23-5	ppm-Fe	110000		86400		373000		223000		243000		295000		320000		274000		196000		276000	
Thallium	7440-28-0	ppm-Fe	9.9		4.2		5.8		6.6		8		10		8.4		7.7		7.9		6.9	
Titanium	7440-32-6	ppm-Fe	13300		18800		15300		13500		13200		14100		13600		13800		13400		13200	
Vanadium	7440-62-2	ppm-Fe	1210		1650		1320		1250		1330		1490		1580		1710		1490		2020	
Zinc	7440-66-6	ppm-Fe	11400		1960		14500		8650		11800		20200		25300		20100		15600		34300	

		Location ID	NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED079	
		Sample Name	NB02SED078H-09		NB02SED078H-10		NB02SED078H-11		NB02SED078H-12		NB02SED078H-13		NB02SED078H-14		NB02SED078H-15		NB02SED078H-16		NB02SED078H-17		NB02SED079C-01	
		Date Collected	10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/31/2007	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	441000		463000		458000		457000		459000		462000		470000		441000		426000		479000	
Antimony	7440-36-0	ppm-Fe																			175	U
Arsenic	7440-38-2	ppm-Fe	1590		1730		2090		1890		1350		1120		1550		1570		1540		416	
Barium	7440-39-3	ppm-Fe	7880		7650		8710		8230		6700		6970		8770		6950		7080		3330	
Beryllium	7440-41-7	ppm-Fe	22.3		24		22.8		21.9		22.5		24		24		24.1		21.7		36.3	U
Cadmium	7440-43-9	ppm-Fe	435		493		653		662		390		434		561		368		380		56.1	
Calcium	7440-70-2	ppm-Fe	211000		216000		271000		281000		293000		224000		165000		137000		154000		136000	
Chromium	7440-47-3	ppm-Fe	25400		24900		36800		39200		32100		28700		36800		37800		29500		4750	
Cobalt	7440-48-4	ppm-Fe	372		413		416		389		363		358		324		303		300		330	
Copper	7440-50-8	ppm-Fe	13300		13500		18400		19600		12500		13200		19700		14900		14900		4460	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	10600		9790		12900		12600		10600		11200		17300		13300		13300		4290	
Magnesium	7439-95-4	ppm-Fe	217000		232000		237000		232000		235000		224000		205000		195000		197000		251000	
Manganese	7439-96-5	ppm-Fe	11300		12600		12000		11900		12700		12300		10100		10100		10200		11000	
Mercury	7439-97-6	ppm-Fe	424		510		548		505		306		286		394		403		423		89.1	
Nickel	7440-02-0	ppm-Fe	2210		2410		3350		3000		1830		1910		2290		1490		1420		1150	
Potassium	7440-09-7	ppm-Fe	82100		90300		93400		90700		92200		89300		82000		79500		79600		107000	
Selenium	7782-49-2	ppm-Fe	33.1		27.9		38.9		38.6		26.7		24.6		39.2		27		40.3		22.1	
Silver	7440-22-4	ppm-Fe	226		229		341		360		237		251		371		243		244		85.8	
Sodium	7440-23-5	ppm-Fe	245000		257000		253000		255000		205000		197000		207000		190000		170000		268000	
Thallium	7440-28-0	ppm-Fe	8.3		8.8		9		10.6		7.8		6.9		6.3		6.5		6.6		36.3	U
Titanium	7440-32-6	ppm-Fe	12100		12100		13300		13300		13300		13000		12500		10900		10900		15500	
Vanadium	7440-62-2	ppm-Fe	2350		2140		2400		2410		2190		2360		2590		2070		1800		1250	
Zinc	7440-66-6	ppm-Fe	29200		31100		45200		42800		22900		21500		29800		20400		19500		7620	

		Location ID	NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079	
		Sample Name	NB02SED079C-02		NB02SED079C-03		NB02SED079C-04		NB02SED079C-05		NB02SED079C-06		NB02SED079C-07		NB02SED079C-08		NB02SED079C-09		NB02SED079C-10		NB02SED079C-11	
		Date Collected	10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	500000		511000		512000		502000		459000		465000		449000		453000		473000		544000	
Antimony	7440-36-0	ppm-Fe	174	U	181	U	177	U	170	U	158	U	165	U	156	U	144	U	146	U	155	U
Arsenic	7440-38-2	ppm-Fe	603		1010		1260		1260		3010		2840		3640		2070		1450		1040	
Barium	7440-39-3	ppm-Fe	4940		6490		5870		5770		7920		7590		8050		8930		9550		6720	
Beryllium	7440-41-7	ppm-Fe	26		37.4	U	36	U	34	U	24.8		25.1		24.7		23.2		25.9		24.3	
Cadmium	7440-43-9	ppm-Fe	191		230		235		273		246		216		252		272		124		63.8	
Calcium	7440-70-2	ppm-Fe	150000		167000		175000		221000		124000		124000		118000		123000		114000		106000	
Chromium	7440-47-3	ppm-Fe	10300		16700		16200		29100		37300		34300		34300		15000		10200		6110	
Cobalt	7440-48-4	ppm-Fe	349		348		360		339		301		300		296		309		313		343	
Copper	7440-50-8	ppm-Fe	8800		10100		8980		11700		16800		16100		13700		10900		9830		6380	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	8630		8710		6840		8990		13800		13200		11700		9730		9800		6720	
Magnesium	7439-95-4	ppm-Fe	232000		230000		235000		237000		201000		204000		198000		210000		216000		224000	
Manganese	7439-96-5	ppm-Fe	10800		10000		11600		11300		8750		8860		8940		10000		10100		10500	
Mercury	7439-97-6	ppm-Fe	280		365		377		343		414		481		478		339		245		122	
Nickel	7440-02-0	ppm-Fe	1510		1630		1730		1680		1420		1400		1340		1300		1260		1190	
Potassium	7440-09-7	ppm-Fe	105000		105000		102000		107000		90500		94100		90400		91700		94900		98800	
Selenium	7782-49-2	ppm-Fe	28.6		34.5		33.2		36.7		72.7		56.8		49.4		48		53.5		33.4	
Silver	7440-22-4	ppm-Fe	154		170		141		195		251		219		203		144		113		63.8	
Sodium	7440-23-5	ppm-Fe	265000		296000		277000		271000		237000		248000		231000		198000		192000		189000	
Thallium	7440-28-0	ppm-Fe	34.3	U	37.4	U	36	U	34	U	32.6	U	32.4	U	31.2	U	29.3	U	28.2	U	30.4	U
Titanium	7440-32-6	ppm-Fe	15100		15400		15000		15400		13200		13300		12500		12600		12300		15200	
Vanadium	7440-62-2	ppm-Fe	1500		1900		1980		2330		1760		1730		1470		1350		1380		1350	
Zinc	7440-66-6	ppm-Fe	15800		18900		17800		20500		19500		19400		19600		17600		15500		10500	

		Location ID	NB02SED079		NB02SED079		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080	
		Sample Name	NB02SED079C-12		NB02SED079C-13		NB02SED080C-01		NB02SED080C-02		NB02SED080C-03		NB02SED080C-04		NB02SED080C-05		NB02SED080C-06		NB02SED080C-07		NB02SED080C-08	
		Date Collected	10/31/2007		10/31/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007	
		Depth	17.5-19.5		19.5-21.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	603000		601000		451000		448000		444000		453000		466000		469000		474000		462000	
Antimony	7440-36-0	ppm-Fe	167	U	508	U	185	U	179	U	166	U	171	U	177	U	169	U	146	U	156	U
Arsenic	7440-38-2	ppm-Fe	431		117		316		338		377		409		397		497		406		787	
Barium	7440-39-3	ppm-Fe	2130		2190		3540		3550		4030		4790		5630		5420		4660		6040	
Beryllium	7440-41-7	ppm-Fe	26.3		103	U	21.5		20.3		20.1		19.7		21.5		23		24.3		22.2	
Cadmium	7440-43-9	ppm-Fe	16.3		8.8		37		48.3		79.9		141		254		250		234		243	
Calcium	7440-70-2	ppm-Fe	78500		119000		205000		193000		265000		175000		177000		178000		224000		207000	
Chromium	7440-47-3	ppm-Fe	2040		1190		3910		4480		5210		7790		11900		12600		13900		21300	
Cobalt	7440-48-4	ppm-Fe	402		508		316		321		319		312		365		326		337		327	
Copper	7440-50-8	ppm-Fe	1820		578		3080		3620		4350		6760		9920		9100		7430		8710	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	1570		333		3330		3830		4090		6650		9700		9300		7570		7270	
Magnesium	7439-95-4	ppm-Fe	209000		268000		262000		265000		260000		235000		230000		227000		233000		223000	
Manganese	7439-96-5	ppm-Fe	10600		10500		13100		13700		14200		11800		11100		11300		12500		11500	
Mercury	7439-97-6	ppm-Fe	16.7		2.3	U	74.1		89.7		121		197		342		323		223		405	
Nickel	7440-02-0	ppm-Fe	1040		1050		1030		1180		1080		1280		1750		1470		1350		1500	
Potassium	7440-09-7	ppm-Fe	94700		103000		93900		92100		94900		89400		85800		84600		83100		83200	
Selenium	7782-49-2	ppm-Fe	14.8		10.2		18.9		20.7		18.5		27.9		32.4		33.7		37.1		33	
Silver	7440-22-4	ppm-Fe	33.5	U	1.9		57.2		69		86.3		147		186		166		134		150	
Sodium	7440-23-5	ppm-Fe	147000		191000		289000		253000		225000		261000		274000		250000		180000		197000	
Thallium	7440-28-0	ppm-Fe	33.5	U	103	U	37	U	34.5	U	31.9	U	35.3	U	35.1	U	33.7	U	28.6	U	30	U
Titanium	7440-32-6	ppm-Fe	20900		28200		13900		13300		14000		13400		13400		13300		13300		12700	
Vanadium	7440-62-2	ppm-Fe	1430		1660		1170		1170		1230		1360		1490		1610		1600		2020	
Zinc	7440-66-6	ppm-Fe	3980		2710		6500		7140		7830		11600		19600		17600		15200		18400	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB02SED080		NB02SED080		NB02SED080		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082	
		Sample Name	NB02SED080C-09		NB02SED080C-10		NB02SED080C-11		NB02SED082B-01		NB02SED082B-02		NB02SED082B-03		NB02SED082B-04		NB02SED082B-05		NB02SED082B-06		NB02SED082B-07	
		Date Collected	11/27/2007		11/27/2007		11/27/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	508000		403000		323000		402000		411000		450000		451000		434000		459000		477000	
Antimony	7440-36-0	ppm-Fe	298	U	399	U	420	U	157	U	156	U	154	U	154	U	139	U	128	U	141	U
Arsenic	7440-38-2	ppm-Fe	355		72.2		103		504		659		737		766		760		1210		1920	
Barium	7440-39-3	ppm-Fe	2080		1410		1160		5590		6740		8180		9050		12800		22700		11300	
Beryllium	7440-41-7	ppm-Fe	19.8		17.2		14.5		18.3		20.1		21.1		19.2		14.9		20.2		22.1	
Cadmium	7440-43-9	ppm-Fe	30.6		9.8		10.6		78.3		169		265		301		586		339		360	
Calcium	7440-70-2	ppm-Fe	131000		156000		423000		186000		213000		221000		204000		346000		261000		194000	
Chromium	7440-47-3	ppm-Fe	2570		948		855		5140		5210		6940		11000		8840		8600		13300	
Cobalt	7440-48-4	ppm-Fe	372		431		333		337		388		403		358		551		388		627	
Copper	7440-50-8	ppm-Fe	1600		711		435		8070		10900		13900		16000		19400		12500		17900	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	1590		323		319		7490		8670		13500		12800		14000		7390		10200	
Magnesium	7439-95-4	ppm-Fe	235000		230000		307000		237000		233000		235000		223000		213000		229000		232000	
Manganese	7439-96-5	ppm-Fe	12700		9110		11200		9400		10300		9860		9490		9490		12000		10600	
Mercury	7439-97-6	ppm-Fe	43.8		6.7	U	7.1	U	201		190		457		408		1980		2290		1070	
Nickel	7440-02-0	ppm-Fe	868		959		667		1210		1360		1720		1640		2170		1500		4240	
Potassium	7440-09-7	ppm-Fe	90100		76400		76700		86900		87800		91000		87800		73500		91100		93300	
Selenium	7782-49-2	ppm-Fe	19		4.2		8.3		36.6		39.1		56.9		58.9		55.6		50.5		53.3	
Silver	7440-22-4	ppm-Fe	17.4		0.89		1		91.4		161		206		257		217		179	U	245	
Sodium	7440-23-5	ppm-Fe	227000		143000		162000		295000		276000		306000		309000		247000		213000		237000	
Thallium	7440-28-0	ppm-Fe	59.5	U	79.7	U	84.1	U	4.4		7.6		17.1		9.5		5.1		5.3		6.9	
Titanium	7440-32-6	ppm-Fe	16500		21600		18700		12700		12200		13400		14200		11600		11800		13000	
Vanadium	7440-62-2	ppm-Fe	1460		1520		1510		1400		1410		1610		1710		1510		1650		2220	
Zinc	7440-66-6	ppm-Fe	4070		1820		1590		12700		14100		17300		19300		21700		15500		22500	

		Location ID	NB02SED082		NB02SED088		NB02SED088		NB02SED088		NB02SED088		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089	
		Sample Name	NB02SED082B-08		NB02SED088G-01		NB02SED088G-02		NB02SED088G-03		NB02SED088G-04		NB02SED089C-01		NB02SED089C-02		NB02SED089C-03		NB02SED089C-04		NB02SED089C-05	
		Date Collected	11/19/2007		11/13/2007		11/13/2007		11/13/2007		11/13/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007	
		Depth	9.5-12.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	436000		150000		213000		211000		339000		430000		477000		456000		454000		453000	
Antimony	7440-36-0	ppm-Fe	148	U	99.1	U	93.1	U	120	U	117	U	178	U	180	U	170	U	167	U	160	U
Arsenic	7440-38-2	ppm-Fe	1220		523		842		1520		1250		635		985		1610		2220		2580	
Barium	7440-39-3	ppm-Fe	9650		4770		10500		9970		5720		5090		10900		26100		46100		39500	
Beryllium	7440-41-7	ppm-Fe	29.4		20.1	U	18.9	U	24.1	U	23.5	U	19.9		25.8		24.8		22.5		25.1	
Cadmium	7440-43-9	ppm-Fe	384		39		57.3		87.7		41.8		70.2		358		504		686		701	
Calcium	7440-70-2	ppm-Fe	332000		106000		137000		105000		78900		203000		201000		256000		217000		245000	
Chromium	7440-47-3	ppm-Fe	10300		1300		2220		3280		2150		3740		9510		12600		14200		14900	
Cobalt	7440-48-4	ppm-Fe	911		186		227		248		300		357		381		388		360		395	
Copper	7440-50-8	ppm-Fe	16500		5500		10700		21200		5480		6020		16700		20700		21100		20400	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	12900		13600		12700		34600		9140		5760		10100		10900		11000		10300	
Magnesium	7439-95-4	ppm-Fe	278000		104000		132000		131000		150000		270000		263000		252000		240000		243000	
Manganese	7439-96-5	ppm-Fe	12600		6670		7450		7440		11900		13100		12400		11300		9860		10900	
Mercury	7439-97-6	ppm-Fe	1330		36		64.4		75.2		131		81.9		325		833		1120		946	
Nickel	7440-02-0	ppm-Fe	2330		817		1060		1180		854		1330		1630		1790		1950		2480	
Potassium	7440-09-7	ppm-Fe	94700		35700		45100		51600		63400		97400		97400		94100		88200		90600	
Selenium	7782-49-2	ppm-Fe	66.7		96.1		100		118		117	U	28.1		67		86.3		94.2		85.9	
Silver	7440-22-4	ppm-Fe	138		20.7		28.6		40.1		22.5		73.1		196		248		271		253	
Sodium	7440-23-5	ppm-Fe	237000		144000		133000		175000		113000		354000		369000		337000		319000		302000	
Thallium	7440-28-0	ppm-Fe	8		20.1	U	18.9	U	24.1	U	23.5	U	5.9		8		9.2		8		9.4	
Titanium	7440-32-6	ppm-Fe	13900		4260		5730		6770		6190		10400		11400		11600		10600		10400	
Vanadium	7440-62-2	ppm-Fe	1660		598		621		747		872		1270		1630		1860		2000		2290	
Zinc	7440-66-6	ppm-Fe	21700		7450		11500		15900		8280		10900		19900		25500		25600		30100	

		Location ID	NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED090		NB02SED090		NB02SED090	
		Sample Name	NB02SED089C-06		NB02SED089C-07		NB02SED089C-08		NB02SED089C-09		NB02SED089C-10		NB02SED089C-11		NB02SED089C-12		NB02SED090E-01		NB02SED090E-02		NB02SED090E-03	
		Date Collected	11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/29/2007		11/29/2007		11/29/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	455000		453000		452000		433000		437000		427000		434000		436000		412000		425000	
Antimony	7440-36-0	ppm-Fe	160	U	164	U	152	U	157	U	156	U	138	U	192	U	164	U	159	U	175	U
Arsenic	7440-38-2	ppm-Fe	3010		1650		2450		2660		2640		2760		2620		413		426		586	
Barium	7440-39-3	ppm-Fe	13500		7880		11300		11200		13800		9970		6270		3380		3580		5000	
Beryllium	7440-41-7	ppm-Fe	26.3		27.8		27		27.8		32.1	U	23.2		32.1		22.6		23.3		24	
Cadmium	7440-43-9	ppm-Fe	593		521		627		514		637		156		146		78.7		60.8		195	
Calcium	7440-70-2	ppm-Fe	194000		193000		157000		142000		140000		125000		125000		268000		355000		204000	
Chromium	7440-47-3	ppm-Fe	21700		15400		19200		28900		15300		7290		5950		3440		3330		6920	
Cobalt	7440-48-4	ppm-Fe	404		334		307		309		321		359		394		344		365		336	
Copper	7440-50-8	ppm-Fe	22900		16300		24000		25600		25200		11100		8800		4100		4360		8360	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	12900		10700		16600		16900		20200		12200		10100		4160		4760		8420	
Magnesium	7439-95-4	ppm-Fe	233000		227000		212000		211000		205000		205000		204000		272000		324000		245000	
Manganese	7439-96-5	ppm-Fe	9950		10600		9210		9420		8990		10700		11300		13100		12900		11300	
Mercury	7439-97-6	ppm-Fe	589		496		641		458		272		172		219		68.9		64.2		151	
Nickel	7440-02-0	ppm-Fe	2460		1590		1580		1440		1770		1960		2230		1450		1940		1830	
Potassium	7440-09-7	ppm-Fe	90700		92100		88200		84600		87200		83600		86000		92800		90500		92100	
Selenium	7782-49-2	ppm-Fe	81.3		76.5		101		93.7		114		88.5		84.5		164	U	159	U	175	U
Silver	7440-22-4	ppm-Fe	268		207		283		256		222		70.3		72.9		78.7		94.6		188	
Sodium	7440-23-5	ppm-Fe	325000		241000		265000		249000		254000		203000		192000		267000		253000		268000	
Thallium	7440-28-0	ppm-Fe	10		10.8		11.3		9.1		11.6		15.4		18.7		5.6		6.4		7.2	
Titanium	7440-32-6	ppm-Fe	11100		11200		12100		10200		10900		9400		9240		13500		14200		14500	
Vanadium	7440-62-2	ppm-Fe	2660		2060		2140		1980		1650		1180		1170		1330		1340		1480	
Zinc	7440-66-6	ppm-Fe	30900		20200		24100		22000		24200		14600		11000		8100		8380		14100	

		Location ID	NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090	
		Sample Name	NB02SED090E-04		NB02SED090E-05		NB02SED090E-06		NB02SED090E-07		NB02SED090E-08		NB02SED090E-09		NB02SED090E-10		NB02SED090E-11		NB02SED090E-12		NB02SED090E-13	
		Date Collected	11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	459000		444000		436000		431000		413000		444000		479000		484000		498000		494000	
Antimony	7440-36-0	ppm-Fe	163	U	164	U	174	U	164	U	282	U	310	U	283	U	275	U	244	U	231	U
Arsenic	7440-38-2	ppm-Fe	699		1010		1550		1430		556		522		370		370		337		306	
Barium	7440-39-3	ppm-Fe	6160		8380		12800		6490		2060		1400		1560		1570		1490		1300	
Beryllium	7440-41-7	ppm-Fe	21.9		23		25.9		24.4		19.4		21.2		22		23.9		23.2		21	
Cadmium	7440-43-9	ppm-Fe	363		362		433		338		39.5		14.2		12.6		13		11.7		10.2	
Calcium	7440-70-2	ppm-Fe	192000		224000		354000		206000		13700000		19900000		14600000		13500000		11000000		7740000	
Chromium	7440-47-3	ppm-Fe	9810		12200		14800		15100		1980		947		858		826		825		844	
Cobalt	7440-48-4	ppm-Fe	339		337		345		312		306		301		307		312		311		312	
Copper	7440-50-8	ppm-Fe	10600		11900		13700		13200		1630		549		362		370		362		323	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	10300		10200		10800		10600		1790		549		417		420		409		376	
Magnesium	7439-95-4	ppm-Fe	238000		244000		243000		226000		299000		344000		370000		359000		330000		312000	
Manganese	7439-96-5	ppm-Fe	10600		10700		10800		9380		31200		36600		32500		34600		29300		24000	
Mercury	7439-97-6	ppm-Fe	205		268		427		314		23.4		4		2.1		1.1	U	0.86	U	0.91	U
Nickel	7440-02-0	ppm-Fe	1710		1880		2240		1920		839		717		717		717		711		704	
Potassium	7440-09-7	ppm-Fe	96300		96700		93900		92700		95200		105000		114000		117000		118000		116000	
Selenium	7782-49-2	ppm-Fe	163	U	164	U	174	U	164	U	282	U	310	U	18.9		18.1		17.8		15.1	
Silver	7440-22-4	ppm-Fe	240		282		308		283		25.8		4.7		2.5		2.4		2.4		1.9	
Sodium	7440-23-5	ppm-Fe	301000		342000		320000		299000		360000		428000		418000		412000		378000		363000	
Thallium	7440-28-0	ppm-Fe	6.9		8		8.8		8.8		5.4		4.7		4.5		4.9		4.7		4.3	
Titanium	7440-32-6	ppm-Fe	15100		15500		14700		14500		12400		12600		13300		12800		12500		13100	
Vanadium	7440-62-2	ppm-Fe	1650		1820		2190		2280		1210		1160		1170		1150		1170		1170	
Zinc	7440-66-6	ppm-Fe	16700		18900		20700		18800		4270		2750		2350		2290		2340		2310	

		Location ID	NB02SED090		NB02SED090		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091	
		Sample Name	NB02SED090E-14		NB02SED090E-15		NB02SED091C-01		NB02SED091C-02		NB02SED091C-03		NB02SED091C-04		NB02SED091C-05		NB02SED091C-06		NB02SED091C-07		NB02SED091C-08	
		Date Collected	11/29/2007		11/29/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007	
		Depth	21.5-23.5		23.5-25.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	487000		459000		449000		439000		429000		452000		447000		434000		427000		451000	
Antimony	7440-36-0	ppm-Fe	210	U	206	U	189	U	187	U	199	U	182	U	171	U	166	U	161	U	155	U
Arsenic	7440-38-2	ppm-Fe	274		283		355		446		551		742		1230		2190		1370		1390	
Barium	7440-39-3	ppm-Fe	1080		1050		3390		3880		5120		6940		7430		8460		9880		10800	
Beryllium	7440-41-7	ppm-Fe	21.5		22.2		27.6		25.5		25.4		24.8		24.6		22.8		22.3		24.1	
Cadmium	7440-43-9	ppm-Fe	9.1		8.9		33.2		68.3		181		282		287		252		115		125	
Calcium	7440-70-2	ppm-Fe	5290000		4500000		185000		233000		194000		177000		138000		143000		127000		146000	
Chromium	7440-47-3	ppm-Fe	855		806		3360		4390		7840		12000		20200		14100		6560		6770	
Cobalt	7440-48-4	ppm-Fe	317		317		332		338		331		339		312		311		313		320	
Copper	7440-50-8	ppm-Fe	301		300		3590		4640		8290		10800		12600		10600		8850		8690	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	349		317		3820		4750		8260		10200		11100		11100		10500		11300	
Magnesium	7439-95-4	ppm-Fe	288000		263000		283000		275000		246000		240000		222000		222000		228000		238000	
Manganese	7439-96-5	ppm-Fe	20300		18400		12300		13800		11600		10100		9340		9720		10100		10700	
Mercury	7439-97-6	ppm-Fe	0.91	U	0.78	U	76.4		104		87.1		152		168		249		105		101	
Nickel	7440-02-0	ppm-Fe	731		694		1240		1060		1460		1610		1620		1280		1280		1460	
Potassium	7440-09-7	ppm-Fe	113000		104000		101000		98900		93700		95800		92400		90500		89500		93600	
Selenium	7782-49-2	ppm-Fe	12.9		15.6		27.6		28.1		52.3		57.6		67.5		70.8		71.2		73.2	
Silver	7440-22-4	ppm-Fe	1.9		1.9		73.1		101		178		227		237		166		115		97.6	
Sodium	7440-23-5	ppm-Fe	340000		305000		291000		277000		315000		306000		266000		251000		229000		203000	
Thallium	7440-28-0	ppm-Fe	4		4.1		6.6		7.2		8.4		6.7		7.8		8.9		8.7		10.1	
Titanium	7440-32-6	ppm-Fe	12800		12300		12200		11700		12200		12500		11900		11100		11500		10500	
Vanadium	7440-62-2	ppm-Fe	1120		1090		1160		1190		1350		1620		1960		1340		1340		1290	
Zinc	7440-66-6	ppm-Fe	2270		2180		6280		7550		13300		17300		17100		16400		13900		15600	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED092		NB02SED092	
		Sample Name	NB02SED091C-09		NB02SED091C-10		NB02SED091C-11		NB02SED091C-12		NB02SED091C-13		NB02SED091C-14		NB02SED091C-15		NB02SED091C-16		NB02SED092C-01		NB02SED092C-02	
		Date Collected	11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/8/2007		11/8/2007	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	422000		377000		461000		439000		437000		477000		482000		432000		425000		414000	
Antimony	7440-36-0	ppm-Fe	159	U	138	U	138	U	132	U	0.54	U	0.67	U	0.65	U	1.1	U	201	U	182	U
Arsenic	7440-38-2	ppm-Fe	1270		1260		1240		988		513		368		317		268		520		739	
Barium	7440-39-3	ppm-Fe	13300		10200		9600		4240		2070		1560		1230		1110		4240		5410	
Beryllium	7440-41-7	ppm-Fe	25.7		21.8		17.2		21.6		23.4		21.2		19.6		21.4		21.4		20.8	
Cadmium	7440-43-9	ppm-Fe	107		114		60.2		61.4		14.6		9.3		7		7.9		65.5		205	
Calcium	7440-70-2	ppm-Fe	139000		221000		157000		195000		202000		124000		170000		114000		200000		159000	
Chromium	7440-47-3	ppm-Fe	6700		6390		7620		3480		1450		1050		1030		884		4590		8890	
Cobalt	7440-48-4	ppm-Fe	287		268		324		327		349		347		337		357		336		336	
Copper	7440-50-8	ppm-Fe	9630		9390		8570		3860		1410		808		497		411		4450		8530	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	14300		12300		12000		6080		1780		1200		538		330		5070		8990	
Magnesium	7439-95-4	ppm-Fe	218000		200000		226000		225000		212000		219000		242000		224000		254000		227000	
Manganese	7439-96-5	ppm-Fe	10200		9390		12400		13800		13600		17100		14700		13500		12000		10700	
Mercury	7439-97-6	ppm-Fe	85.6		42.4		40.1		73.1		25.3		13.5		2		1.1	U	127		326	
Nickel	7440-02-0	ppm-Fe	1180		1210		1220		985		866		860		829		920		1240		1530	
Potassium	7440-09-7	ppm-Fe	88100		78200		90500		87400		82400		88600		103000		85700		88200		86000	
Selenium	7782-49-2	ppm-Fe	79.5		95.5		71.6		52.6		22.6		21.2		17.6		16.1		33.2		45.6	
Silver	7440-22-4	ppm-Fe	119		101		83.1		73.1		8.8		6.7		1.7		1.2		69.9		153	
Sodium	7440-23-5	ppm-Fe	226000		189000		168000		141000		129000		149000		146000		118000		259000		281000	
Thallium	7440-28-0	ppm-Fe	9.5		8.8		6.9		9.4		5		4.2		3.8		3.6		5.7		7.8	
Titanium	7440-32-6	ppm-Fe	9510		8750		10000		9850		10200		10700		12900		13000		11200		10500	
Vanadium	7440-62-2	ppm-Fe	1220		1050		1220		1110		1120		1130		1150		1100		1140		1330	
Zinc	7440-66-6	ppm-Fe	18600		16600		15500		7870		3600		2550		2330		2130		8300		15100	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092	
		Sample Name	NB02SED092C-03		NB02SED092C-04		NB02SED092C-05		NB02SED092C-06		NB02SED092C-07		NB02SED092C-08		NB02SED092C-09		NB02SED092C-10		NB02SED092C-11		NB02SED092C-12	
		Date Collected	11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	446000		454000		461000		464000		460000		481000		450000		419000		420000		419000	
Antimony	7440-36-0	ppm-Fe	175	U	162	U	169	U	168	U	147	U	157	U	147	U	161	U	157	U	164	U
Arsenic	7440-38-2	ppm-Fe	612		752		1300		1130		534		1040		1010		2630		3390		2960	
Barium	7440-39-3	ppm-Fe	5450		6350		9000		6240		3400		10400		8620		19200		30100		53400	
Beryllium	7440-41-7	ppm-Fe	28		33.4	U	34.4	U	33.5	U	23.6		26.1		27.4		25.2		24.1		27.9	
Cadmium	7440-43-9	ppm-Fe	280		251		382		418		110		596		444		683		1040		1820	
Calcium	7440-70-2	ppm-Fe	196000		279000		256000		193000		302000		225000		324000		171000		122000		123000	
Chromium	7440-47-3	ppm-Fe	10500		12100		17500		27100		5830		20600		19200		39900		43900		42500	
Cobalt	7440-48-4	ppm-Fe	360		351		360		330		347		322		335		323		314		355	
Copper	7440-50-8	ppm-Fe	8280		8220		10700		12200		3340		14200		9790		19900		20100		20500	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	8710		7160		8560		10300		3870		27100		18900		51300		43900		34600	
Magnesium	7439-95-4	ppm-Fe	246000		256000		247000		241000		249000		231000		259000		213000		201000		206000	
Manganese	7439-96-5	ppm-Fe	11000		12300		11700		9950		14400		10600		13300		9120		8080		8910	
Mercury	7439-97-6	ppm-Fe	295		281		437		363		76.7		290		171		399		458		381	
Nickel	7440-02-0	ppm-Fe	1440		1420		1820		1730		1040		1500		1190		1430		1430		1370	
Potassium	7440-09-7	ppm-Fe	90800		96400		92900		97400		95700		94900		101000		86400		84000		86500	
Selenium	7782-49-2	ppm-Fe	46.2		41.8		48.1		46.4		21.2		58.5		44.1		93.5		97.6		144	
Silver	7440-22-4	ppm-Fe	151		148		194		235		49.1		213		144		227		225		194	
Sodium	7440-23-5	ppm-Fe	274000		257000		271000		363000		322000		245000		208000		247000		248000		237000	
Thallium	7440-28-0	ppm-Fe	7.4		7.8		8.1		9.3		5.8		6.1		7.4		12.7		14.1		15	
Titanium	7440-32-6	ppm-Fe	11200		12000		11800		12600		11000		11900		11900		11000		10900		10000	
Vanadium	7440-62-2	ppm-Fe	1460		1530		1870		2200		1310		1990		1440		1510		1320		1230	
Zinc	7440-66-6	ppm-Fe	15100		15200		20300		21300		7790		26000		16600		26500		38200		76200	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093	
		Sample Name	NB02SED092C-13		NB02SED092C-14		NB02SED092C-15		NB02SED092C-16		NB02SED092C-17		NB02SED093C-01		NB02SED093C-02		NB02SED093C-03		NB02SED093C-04		NB02SED093C-05	
		Date Collected	11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007	
		Depth	19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	433000		436000		428000		439000		455000		422000		419000		409000		416000		404000	
Antimony	7440-36-0	ppm-Fe	158	U	141	U	144	U	155	U	146	U	193	U	180	U	180	U	177	U	172	U
Arsenic	7440-38-2	ppm-Fe	1920		1650		1550		1440		1080		623		887		2280		3050		2410	
Barium	7440-39-3	ppm-Fe	69900		53600		80900		68800		55900		5200		6510		7550		7930		8370	
Beryllium	7440-41-7	ppm-Fe	31.5	U	22.9		23.2		26.1		24.3		23		26.3		26.9		26.3		26.1	
Cadmium	7440-43-9	ppm-Fe	1220		519		514		406		469		90.2		214		226		240		326	
Calcium	7440-70-2	ppm-Fe	139000		141000		142000		131000		155000		329000		164000		140000		127000		127000	
Chromium	7440-47-3	ppm-Fe	43000		20000		21200		18400		12800		9960		22000		32800		28100		16900	
Cobalt	7440-48-4	ppm-Fe	332		329		326		315		333		332		309		288		287		297	
Copper	7440-50-8	ppm-Fe	17700		13100		14300		14300		9930		5610		9510		13700		12200		9700	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	40700		23100		36700		36700		23000		5490		8900		12900		11100		9550	
Magnesium	7439-95-4	ppm-Fe	211000		219000		215000		213000		222000		234000		215000		200000		201000		202000	
Manganese	7439-96-5	ppm-Fe	9170		10100		9780		9360		11300		12800		10000		8360		8740		9380	
Mercury	7439-97-6	ppm-Fe	264		210		207		194		181		160		379		562		461		421	
Nickel	7440-02-0	ppm-Fe	1370		1300		1310		1300		1240		1220		1280		1300		1230		1270	
Potassium	7440-09-7	ppm-Fe	87100		89800		88100		87900		86500		85200		84400		80400		80200		79500	
Selenium	7782-49-2	ppm-Fe	160		80.1		77.3		115		93.8		26.6		48.9		67.2		53.9		50.4	
Silver	7440-22-4	ppm-Fe	149		124		119		133		93.8		77.9									
Sodium	7440-23-5	ppm-Fe	233000		204000		210000		220000		177000		246000		262000		280000		264000		238000	
Thallium	7440-28-0	ppm-Fe	13.5		13.5		9.4		14.2		12.2		38.5	U	8		9.7		10.5		8.9	
Titanium	7440-32-6	ppm-Fe	9800		10300		9750		9910		9790		13600		13000		12400		12400		11400	
Vanadium	7440-62-2	ppm-Fe	1270		1250		1190		1130		1090		1340		1730		1750		1450		1290	
Zinc	7440-66-6	ppm-Fe	90500		56600		95300		85800		58000		11100		16600		17500		17900		16900	

		Location ID	NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED094		NB02SED094		NB02SED094	
		Sample Name	NB02SED093C-06		NB02SED093C-07		NB02SED093C-08		NB02SED093C-09		NB02SED093C-10		NB02SED093C-11		NB02SED093C-12		NB02SED094D-01		NB02SED094D-02		NB02SED094D-03	
		Date Collected	12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		11/2/2007		11/2/2007		11/2/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	420000		432000		428000		426000		427000		389000		553000		419000		427000		418000	
Antimony	7440-36-0	ppm-Fe	162	U	146	U	149	U	148	U	141	U	239	U	525	U	247	U	210	U	217	U
Arsenic	7440-38-2	ppm-Fe	1620		1460		1260		1190		1010		345		94.8		412		388		402	
Barium	7440-39-3	ppm-Fe	10300		10400		10700		12300		9920		2570		1840		3120		3160		3530	
Beryllium	7440-41-7	ppm-Fe	27		25.9		25.6		25.6		25.2		31.7		45.7		24.7		24.2		30.1	
Cadmium	7440-43-9	ppm-Fe	168		111		103		91.6		85.9		23.2		15.7		48.7		35.6		44.2	
Calcium	7440-70-2	ppm-Fe	131000		116000		143000		143000		161000		151000		145000		191000		206000		263000	
Chromium	7440-47-3	ppm-Fe	11800		8760		9430		9590		8670		2720		1130		3620		3540		3620	
Cobalt	7440-48-4	ppm-Fe	301		314		313		305		313		345		592		326		335		345	
Copper	7440-50-8	ppm-Fe	9620		8860		8420		8500		7420		1680		508		3740		3310		3460	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	10500		10300		10200		11500		9340		1850		728		4190		3530		3800	
Magnesium	7439-95-4	ppm-Fe	214000		214000		216000		213000		227000		186000		269000		269000		265000		273000	
Manganese	7439-96-5	ppm-Fe	10100		10600		11100		11000		11800		10700		10400		14900		15600		16400	
Mercury	7439-97-6	ppm-Fe	287		241		213		179		130		22.5		2	U	59.9		64.1		72.3	
Nickel	7440-02-0	ppm-Fe	1210		1210		1180		1090		1100		746		1030		989		996		1070	
Potassium	7440-09-7	ppm-Fe	82900		82200		81900		79800		83100		69900		80200		104000		92200		96800	
Selenium	7782-49-2	ppm-Fe	66.7		48.6		37.4		45.1		52.6		19		5.8	U	30.3		210	U	217	U
Silver	7440-22-4	ppm-Fe															74.9		64.1		80.3	
Sodium	7440-23-5	ppm-Fe	221000		189000		179000		180000		169000		173000		161000		397000		317000		271000	
Thallium	7440-28-0	ppm-Fe	9.6		8.7		8.9		9.6		8.3		4.6		6.9		7.1		6.1		7.2	
Titanium	7440-32-6	ppm-Fe	11800		11700		11800		11600		11600		16800		27700		10900		11600		11800	
Vanadium	7440-62-2	ppm-Fe	1390		1320		1290		1230		1090		2130		1620		1110		1130		1160	
Zinc	7440-66-6	ppm-Fe	16200		14700		16000		17100		15000		4010		2520		7870		6830		7110	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094	
		Sample Name	NB02SED094D-04		NB02SED094D-05		NB02SED094D-06		NB02SED094D-07		NB02SED094D-08		NB02SED094D-09		NB02SED094D-10		NB02SED094D-11		NB02SED094D-12		NB02SED094D-13	
		Date Collected	11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	416000		420000		424000		434000		412000		415000		423000		441000		423000		444000	
Antimony	7440-36-0	ppm-Fe	216	U	186	U	170	U	167	U	200	U	177	U	168	U	157	U	191	U	155	U
Arsenic	7440-38-2	ppm-Fe	428		427		460		425		514		455		460		490		472		504	
Barium	7440-39-3	ppm-Fe	3520		3330		3410		3360		3880		3680		3720		4050		4090		4470	
Beryllium	7440-41-7	ppm-Fe	28.4		25.6		23.5		24.5		27.8		27.1		26.2		21.6		30.2		26.8	
Cadmium	7440-43-9	ppm-Fe	40		61.2		51.4		59.7		77.6		79.4		80.5		65.4		93.6		127	
Calcium	7440-70-2	ppm-Fe	350000		212000		220000		188000		254000		234000		245000		233000		298000		363000	
Chromium	7440-47-3	ppm-Fe	3740		4120		4280		4210		5060		4620		4830		5880		5020		5670	
Cobalt	7440-48-4	ppm-Fe	352		352		328		327		335		336		352		333		353		370	
Copper	7440-50-8	ppm-Fe	3560		4060		4050		4090		4940		4800		4930		5230		4810		5740	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	3930		4320		4180		4180		5220		4770		4770		4870		4810		5000	
Magnesium	7439-95-4	ppm-Fe	277000		297000		254000		248000		268000		270000		276000		250000		264000		270000	
Manganese	7439-96-5	ppm-Fe	16500		17500		18100		16400		15700		16100		18700		15400		16100		17400	
Mercury	7439-97-6	ppm-Fe	84		71.1		77.2		66		98		90.3		90.6		134		140		151	
Nickel	7440-02-0	ppm-Fe	1260		1710		1030		1030		1140		1230		1510		1110		1070		1170	
Potassium	7440-09-7	ppm-Fe	99200		95500		93200		93700		106000		92800		88900		90800		95700		94000	
Selenium	7782-49-2	ppm-Fe	216	U	32.9		29.6		30.8		37.6		35.4		32.6		157	U	191	U	155	U
Silver	7440-22-4	ppm-Fe	88		91.9		90		97.5		127		116		114		111		128		130	
Sodium	7440-23-5	ppm-Fe	255000		278000		313000		264000		252000		224000		220000		206000		203000		178000	
Thallium	7440-28-0	ppm-Fe	7.2		7.2		6.8		6.6		8.2		7.6		7.7		5.9		8.5		8.1	
Titanium	7440-32-6	ppm-Fe	11800		10400		10600		10200		10900		10900		11000		12600		11400		12200	
Vanadium	7440-62-2	ppm-Fe	1170		1110		1130		1110		1180		1160		1230		1220		1190		1300	
Zinc	7440-66-6	ppm-Fe	6600		7490		7070		7330		8410		7730		7990		8430		8510		9610	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED097		NB02SED097		NB02SED097		NB02SED097		NB02SED097		NB02SED097	
		Sample Name	NB02SED094D-14		NB02SED094D-15		NB02SED094D-16		NB02SED094D-17		NB02SED097H-01		NB02SED097H-02		NB02SED097H-03		NB02SED097H-04		NB02SED097H-05		NB02SED097H-06	
		Date Collected	11/2/2007		11/2/2007		11/2/2007		11/2/2007		12/6/2007		12/6/2007		12/6/2007		12/6/2007		12/6/2007		12/6/2007	
		Depth	21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	428000		420000		439000		432000		423000		425000		445000		476000		482000		492000	
Antimony	7440-36-0	ppm-Fe	167	U	192	U	149	U	144	U	176	U	156	U	150	U	148	U	183	U	189	U
Arsenic	7440-38-2	ppm-Fe	558		645		591		595		1610		1890		2790		2240		268		273	
Barium	7440-39-3	ppm-Fe	4720		4780		4730		4770		9760		13000		7700		3310		1110		1140	
Beryllium	7440-41-7	ppm-Fe	28.3		32.2		23.8		24.3		22.9		24.6		24.2		22.1		24.1		23.5	
Cadmium	7440-43-9	ppm-Fe	138		163		140		165		53.6		63.6		70.8		28.7		8.9		8.8	
Calcium	7440-70-2	ppm-Fe	313000		209000		198000		219000		152000		171000		127000		113000		141000		120000	
Chromium	7440-47-3	ppm-Fe	6690		7470		7770		7570		4290		5140		5070		3600		934		962	
Cobalt	7440-48-4	ppm-Fe	353		339		338		324		321		321		333		353		331		336	
Copper	7440-50-8	ppm-Fe	6250		7430		7740		7960		9880		11600		9560		7760		424		458	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	5690		7350		6980		7150		10800		14500		10600		8360		412		424	
Magnesium	7439-95-4	ppm-Fe	257000		247000		236000		236000		225000		220000		211000		211000		232000		230000	
Manganese	7439-96-5	ppm-Fe	16600		14800		16600		16800		11700		11200		12000		15400		17000		17000	
Mercury	7439-97-6	ppm-Fe	171		204		159		186		146		185		195		199		0.66	U	0.84	
Nickel	7440-02-0	ppm-Fe	1250		1440		1300		1290		1320		1350		1630		1550		778		777	
Potassium	7440-09-7	ppm-Fe	92900		89000		85100		87400		91700		90500		85500		84500		95300		97900	
Selenium	7782-49-2	ppm-Fe	167	U	192	U	149	U	42		98.2		165		109		41		16.3		13.9	
Silver	7440-22-4	ppm-Fe	152		220		174		183		59.5		69.4		79.6		37.9		37	U	37.8	U
Sodium	7440-23-5	ppm-Fe	191000		210000		208000		204000		293000		250000		217000		186000		184000		166000	
Thallium	7440-28-0	ppm-Fe	8.6		9.8		7.6		9		35.7	U	31.8	U	29.5	U	29.3	U	37	U	37.8	U
Titanium	7440-32-6	ppm-Fe	11800		10700		11100		11900		11800		11600		11000		11200		12400		13400	
Vanadium	7440-62-2	ppm-Fe	1300		1260		1360		1330		1190		1250		1210		1160		1150		1190	
Zinc	7440-66-6	ppm-Fe	10300		11700		11900		11400		12900		16400		13700		9680		2120		2180	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB02SED097		NB02SED097		NB02SED097		NB02SED097		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098	
		Sample Name	NB02SED097H-07		NB02SED097H-08		NB02SED097H-09		NB02SED097H-10		NB02SED098E-01		NB02SED098E-02		NB02SED098E-03		NB02SED098E-04		NB02SED098E-05		NB02SED098E-06	
		Date Collected	12/6/2007		12/6/2007		12/6/2007		12/6/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	464000		398000		283000		296000		440000		447000		436000		454000		435000		438000	
Antimony	7440-36-0	ppm-Fe	229	U	250	U	143	U	151	U	188	U	183	U	169	U	168	U	158	U	158	U
Arsenic	7440-38-2	ppm-Fe	123		250		32.5		179		360		436		471		496		515		533	
Barium	7440-39-3	ppm-Fe	654		2430		2370		2930		4800		5710		4510		4780		5240		5980	
Beryllium	7440-41-7	ppm-Fe	37.5		37.9		26.1		78.2		20		21.6		20.9		24.2		23		22.9	
Cadmium	7440-43-9	ppm-Fe	7.1		4.1		3.6		9.5		48		58.6		75.6		103		104		119	
Calcium	7440-70-2	ppm-Fe	22800		14800		10900		14900		365000		231000		198000		194000		224000		231000	
Chromium	7440-47-3	ppm-Fe	840		922		1900		1270		3040		3850		3950		4400		4640		4970	
Cobalt	7440-48-4	ppm-Fe	339		319		251		274		328		352		314		327		318		336	
Copper	7440-50-8	ppm-Fe	469		422		498		536		3990		5160		5520		5960		6570		7230	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	370		207		276		291		3350		4430		4680		4960		5320		5600	
Magnesium	7439-95-4	ppm-Fe	168000		145000		122000		141000		267000		294000		257000		259000		254000		261000	
Manganese	7439-96-5	ppm-Fe	6380		4080		3660		4550		11800		12600		12600		13200		11900		12200	
Mercury	7439-97-6	ppm-Fe	0.84	U	0.95	U	0.59	U	0.56	U	76		87.9		125		177		151		167	
Nickel	7440-02-0	ppm-Fe	725		767		704		793		1030		1530		1020		1080		1130		1290	
Potassium	7440-09-7	ppm-Fe	85000		74600		60100		64800		102000		105000		99700		98200		95300		96400	
Selenium	7782-49-2	ppm-Fe	13.6		7.8		4.1		14.5		13.6		15.8		19.8		21.8		21.1		25	
Silver	7440-22-4	ppm-Fe	45.9	U	50.9	U	28.6	U	30.7	U												
Sodium	7440-23-5	ppm-Fe	52800		35000		25600		34400		276000		292000		305000		285000		254000		248000	
Thallium	7440-28-0	ppm-Fe	45.9	U	50.9	U	28.6	U	30.7	U	4.4		5.5		5.5		6.2		6		6	
Titanium	7440-32-6	ppm-Fe	14000		11600		9210		8770		13500		12900		12500		12200		12700		13100	
Vanadium	7440-62-2	ppm-Fe	1130		1840		2330		1280		1190		1210		1210		1240		1230		1250	
Zinc	7440-66-6	ppm-Fe	2210		2580		1920		1930		8160		8530		8460		9170		9290		9850	

		Location ID	NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED100		NB02SED101		NB02SED102		NB02SED104	
		Sample Name	NB02SED098E-07		NB02SED098E-08		NB02SED098E-09		NB02SED098E-10		NB02SED098E-11		NB02SED098E-12		NB02SED100B-01		NB02SED101A-01		NB02SED102A-01		NB02SED104C-01	
		Date Collected	12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/7/2007		11/2/2007		10/30/2007		11/16/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	448000		453000		449000		422000		342000		403000		413000		430000		443000		449000	
Antimony	7440-36-0	ppm-Fe	142	U	134	U	142	U	254	U	200	U	1.2	U	309	U	238	U	168	U	172	U
Arsenic	7440-38-2	ppm-Fe	543		482		235		36.8		82.8		61.2		373		347		379		297	
Barium	7440-39-3	ppm-Fe	5870		4890		2230		2250		2300		1810		4350		4650		4500		3630	
Beryllium	7440-41-7	ppm-Fe	22.8		28		21.5		15.8		24.1		19.6		30.9		20.7		22		24.4	
Cadmium	7440-43-9	ppm-Fe	136		97.7		17.8		3		3.7		15		38.2		38.9		58.1		36.3	
Calcium	7440-70-2	ppm-Fe	254000		443000		421000		25000		36500		80700		271000		249000		164000		268000	
Chromium	7440-47-3	ppm-Fe	5460		3910		1400		816		710		762		3710		3400		3820		2940	
Cobalt	7440-48-4	ppm-Fe	341		384		381		342		331		370		382		337		327		373	
Copper	7440-50-8	ppm-Fe	7310		3750		1030		640		586		1450		3470		3330		5690		5050	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	5690		3210		927		211		359		277		3720		3580		6850		3330	
Magnesium	7439-95-4	ppm-Fe	257000		271000		282000		219000		208000		253000		211000		274000		246000		265000	
Manganese	7439-96-5	ppm-Fe	13500		16500		16200		5940		5920		7260		13000		14400		11300		13200	
Mercury	7439-97-6	ppm-Fe	179		127		44.5		0.66	U	0.53	U	1.1	U	109		43		196		49.5	
Nickel	7440-02-0	ppm-Fe	1150		1090		935		886		786		866		982		1020		1210		1480	
Potassium	7440-09-7	ppm-Fe	97700		102000		102000		76100		75200		92300		76800		93800		90200		99700	
Selenium	7782-49-2	ppm-Fe	17.9		7.8		1.5		1.6	U	1.2	U	2	U	7.7		27.5		17.4		16.2	
Silver	7440-22-4	ppm-Fe															47.7		76.5		56.1	
Sodium	7440-23-5	ppm-Fe	219000		160000		117000		116000		96600		173000		252000		346000		230000		269000	
Thallium	7440-28-0	ppm-Fe	6.1		5.5		3.8		2.2		3.4		3.4		7.6		6.2		5.8		5.9	
Titanium	7440-32-6	ppm-Fe	13800		13600		14300		10600		12300		12200		13900		13100		13700		13900	
Vanadium	7440-62-2	ppm-Fe	1280		1300		1130		1110		1030		1130		1140		1150		1210		1170	
Zinc	7440-66-6	ppm-Fe	10100		7040		3000		1960		1780		1950		5760		7670		10000		7160	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB02SED105		NB02SED106		NB02SED107		NB02SED108		NB02SED109		NB02SED110		NB02SED111		NB02SED112		NB02SED113		NB02SED114	
		Sample Name	NB02SED105A-01		NB02SED106B-01		NB02SED107B-01		NB02SED108A-01		NB02SED109B-01		NB02SED110D-01		NB02SED111F-01		NB02SED112A-01		NB02SED113B-01		NB02SED114C-01	
		Date Collected	11/1/2007		11/15/2007		11/6/2007		10/31/2007		11/29/2007		12/11/2007		12/10/2007		11/7/2007		12/10/2007		12/11/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	404000		465000		447000		493000		477000		483000		482000		461000		478000		438000	
Antimony	7440-36-0	ppm-Fe	201	U	189	U	180	U	208	U	168	U	159	U	165	U	184	U	178	U	146	U
Arsenic	7440-38-2	ppm-Fe	573		340		476		329		353		258		335		374		344		727	
Barium	7440-39-3	ppm-Fe	2890		3330		3980		3750		5520		5370		3650		3210		3470		12000	
Beryllium	7440-41-7	ppm-Fe	21.1		24.5		22.6		24.1		22.8		25.6		24.3		24.2		25.8		25.6	
Cadmium	7440-43-9	ppm-Fe	39.2		44		61.7		41.1	U	31.8		35.8		28.1		28.4		22		94.2	
Calcium	7440-70-2	ppm-Fe	115000		219000		237000		274000		261000		325000		353000		250000		297000		357000	
Chromium	7440-47-3	ppm-Fe	4140		2960		4240		2500		2490		2300		2500		2310		2020		3670	
Cobalt	7440-48-4	ppm-Fe	337		321		350		329		324		343		344		348		334		373	
Copper	7440-50-8	ppm-Fe	2910		3090		4860		3150		2210		2810		2750		2830		2400		5420	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	4180		3180		4730		2740		3060		2990		2650		2880		2680		3800	
Magnesium	7439-95-4	ppm-Fe	219000		273000		288000		290000		267000		274000		278000		275000		282000		267000	
Manganese	7439-96-5	ppm-Fe	11300		14200		16000		14600		14500		14500		17400		15300		15400		16000	
Mercury	7439-97-6	ppm-Fe	55.3		53.5		108		35.6		40.5		30.7		38.9		45.2		28.3		146	
Nickel	7440-02-0	ppm-Fe	1010		956		1160		997		942		921		1010		1050		1080		1150	
Potassium	7440-09-7	ppm-Fe	81400		102000		105000		122000		105000		115000		114000		100000		111000		104000	
Selenium	7782-49-2	ppm-Fe	201	U	18.2		28.3		9.9		17.1		6.7		11.4		27.1		13.7		17.5	
Silver	7440-22-4	ppm-Fe	36.7		50.3		105		52.1		49.1						51.6					
Sodium	7440-23-5	ppm-Fe	216000		340000		352000		444000		285000		279000		290000		323000		304000		206000	
Thallium	7440-28-0	ppm-Fe	6		6.3		6.4		5.5		4.9		5.1		5.1		5.2		5.7		5.2	
Titanium	7440-32-6	ppm-Fe	11800		13000		12000		13600		13000		14600		15900		12000		14500		14100	
Vanadium	7440-62-2	ppm-Fe	1140		1190		1230		1190		1160		1290		1320		1230		1300		1390	
Zinc	7440-66-6	ppm-Fe	6330		6420		9460		6440		6010		8010		5810		5900		5640		7790	

		Location ID	NB02SED115		NB02SED116		NB02SED118		NB02SED119		NB02SED120		NB02SED121		NB901		NB901		NB901		NB901	
		Sample Name	NB02SED115E-01		NB02SED116A-01		NB02SED118B-01		NB02SED119A-01		NB02SED120B-01		NB02SED121H-01		6JMS00021		6JMS00022		6JMS00023		6JMS00024	
		Date Collected	12/10/2007		11/9/2007		11/14/2007		11/9/2007		12/12/2007		12/12/2007		9/24/1998		9/24/1998		9/24/1998		9/24/1998	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.7		0.7-1.3		1.3-2.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	398000		457000		416000		402000		460000		438000		433000		422000		409000		395000	
Antimony	7440-36-0	ppm-Fe	165	U	187	U	189	U	414	U	200	U	206	U	101		119		174		248	
Arsenic	7440-38-2	ppm-Fe	429		791		601		188		443		475		907		920		946		1010	
Barium	7440-39-3	ppm-Fe	11900		8160		6580		4030		7970		6090		4330		4650		5220		5870	
Beryllium	7440-41-7	ppm-Fe	27.1		34.4		37.9	U	18.8		22		26.1		26		25.2		23.6		25.2	
Cadmium	7440-43-9	ppm-Fe	41.4		302		193		108		57.1		66.7		48.5		84.1		174		266	
Calcium	7440-70-2	ppm-Fe	380000		187000		671000		227000		236000		219000		159000		158000		145000		150000	
Chromium	7440-47-3	ppm-Fe	2210		9880		8770		3580		2970		2780		5200		6110		8730		12300	
Cobalt	7440-48-4	ppm-Fe	365		359		354		389		334		336		454		442		446		493	
Copper	7440-50-8	ppm-Fe	3360		14700		10700		8610		6600		6060		4850		5930		8480		10700	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	2620		11000		11200		12800		6460		5390		5420		6190		8700		12100	
Magnesium	7439-95-4	ppm-Fe	266000		245000		256000		287000		277000		263000		282000		268000		238000		238000	
Manganese	7439-96-5	ppm-Fe	23200		10900		12100		8640		12900		12600		12300		12100		10800		10800	
Mercury	7439-97-6	ppm-Fe	52.6		506		235		414		68.6		95.7									
Nickel	7440-02-0	ppm-Fe	1000		1760		1770		2910		1100		1010		1210		1270		1590		1870	
Potassium	7440-09-7	ppm-Fe	106000		99300		93000		83400		106000		102000		96900		93800		86200		80100	
Selenium	7782-49-2	ppm-Fe	20.7		56.5		189	U	25.1		25.1		28.7		40.5		53.1		58		52.4	
Silver	7440-22-4	ppm-Fe			260		243		45.2						110		142		188		220	
Sodium	7440-23-5	ppm-Fe	225000		400000		355000		302000		400000		406000		357000		322000		285000		320000	
Thallium	7440-28-0	ppm-Fe	6.4		7.9		37.9	U	7		5.1		5.8		229		274		225		224	
Titanium	7440-32-6	ppm-Fe	16700		11200		11700		20600		13700		12300									
Vanadium	7440-62-2	ppm-Fe	1280		1580		1490		1270		1360		1320		1110		1120		1190		1280	
Zinc	7440-66-6	ppm-Fe	6020		21100		17500		19800		10500		8750		8630		9960		14900		20000	

Table B-4
Iron-Normalized Inorganics

		Location ID	NB901		NB901		NB901		NB901		NB901		NB901		NBA06		NSSO-01		NSSO-03		NSSO-06	
		Sample Name	6JMS00025		6JMS00026		6JMS00027		6JMS00028		6JMS00029		6JMS00030		1JMS00007		NSSO115		NSSO305		NSSO605	
		Date Collected	9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		7/13/1999		11/30/2005		11/29/2005		11/29/2005	
		Depth	2.3-3.0		3.0-3.9		3.9-4.9		4.9-5.6		5.6-6.6		6.6-7.5		0.0-0.3		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	412000		445000		412000		405000		404000		422000		463000		479000		475000		480000	
Antimony	7440-36-0	ppm-Fe	200		207		283		359		275		250		25.7	U	17	U	603		14.5	U
Arsenic	7440-38-2	ppm-Fe	1020		1030		1170		1480		1580		1570		587		202		189		148	
Barium	7440-39-3	ppm-Fe	5880		5630		6020		7800		6080		5640		2920		5210		4680		4720	
Beryllium	7440-41-7	ppm-Fe	23.2		27.3		27.6		26		27.5		26		29		34		25.7		24.8	
Cadmium	7440-43-9	ppm-Fe	240		219		247		266		176		182		43.3		1.7	U	1.7	U	1.5	U
Calcium	7440-70-2	ppm-Fe	144000		140000		161000		168000		209000		165000		97300		348000		441000		295000	
Chromium	7440-47-3	ppm-Fe	10600		10600		14700		17700		13100		12100		4070		737		724		713	
Cobalt	7440-48-4	ppm-Fe	460		461		470		461		478		470		323		479		451		444	
Copper	7440-50-8	ppm-Fe	9920		8980		9570		10900		7530		7430		3070		1030		1060		1000	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	11500		10600		10400		10200		7020		7030		3430		298		265		261	
Magnesium	7439-95-4	ppm-Fe	246000		241000		246000		238000		254000		246000		227000		311000		305000		306000	
Manganese	7439-96-5	ppm-Fe	10900		11000		11100		10800		13300		13000		12300		29000		25200		25600	
Mercury	7439-97-6	ppm-Fe													63.3		0.31	U	0	U	0	U
Nickel	7440-02-0	ppm-Fe	1700		1570		1650		1800		1630		1500		1010		849		862		854	
Potassium	7440-09-7	ppm-Fe	78400		85900		79200		78900		80000		79100		97700		95000		86900		91300	
Selenium	7782-49-2	ppm-Fe	60		54.7		48.7		75.7		51		54.1		73.3		17.7	U	17.3	U	15	U
Silver	7440-22-4	ppm-Fe	208		184		204		224		137		135		50		89.6		4	U	3.5	U
Sodium	7440-23-5	ppm-Fe	321000		280000		284000		289000		272000		242000		259000		84200		64600		80800	
Thallium	7440-28-0	ppm-Fe	264		238		247		247		231		247		63.3		27.3	U	26.7	U	23.3	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1280		1380		1470		1650		1580		1550		1100		988		1050		1070	
Zinc	7440-66-6	ppm-Fe	18400		16900		18100		22200		15100		14000		6830		2430		2380		2380	

Table B-4
Iron-Normalized Inorganics

		Location ID	NSSO-08		NSSO-09		NWB01		NWB01		NWB01		NWB01		NWB01		NWB01		NWB01		NWB01A	
		Sample Name	NSSO805		NSSO985		1JMS00233		1JMS00234		1JMS00235		1JMS00236		1JMS00237		1JMS00238		1JMS00245		1JMS00152	
		Date Collected	11/30/2005		11/30/2005		11/13/2001		11/13/2001		11/13/2001		11/13/2001		11/13/2001		11/13/2001		11/13/2001		8/30/2000	
		Depth	0.0-0.5		0.0-0.5		0.0-0.2		0.3		0.3-0.7		0.7-1.3		1.3-1.6		1.6-2.6		0.0-0.3		0.0-0.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	468000		478000		485000		482000		486000		471000		478000		474000		516000		459000	
Antimony	7440-36-0	ppm-Fe	966		19	U	26.8		19.6	U	22.4	U	22.8	U	23.2	U	24.7	U	20.4	U	31	U
Arsenic	7440-38-2	ppm-Fe	207		234		418		478		518		588		362		409		407		414	
Barium	7440-39-3	ppm-Fe	5700		4860		4180		5940		5510		5990		2270		1590		3510		4220	
Beryllium	7440-41-7	ppm-Fe	31.8		34.1		31.8		31.7		32.2		33.1		31.3		29.9		30.5		24.3	
Cadmium	7440-43-9	ppm-Fe	1.9	U	1.9	U	35.1		37.1		57.1		62.5		13.4		4.6	U	31.6		52.2	
Calcium	7440-70-2	ppm-Fe	468000		325000		332000		368000		364000		438000		1030000		4920000		346000		243000	
Chromium	7440-47-3	ppm-Fe	758		737		2810		5180		3450		3610		1380		948		3090		3610	
Cobalt	7440-48-4	ppm-Fe	468		486		381		379		367		368		362		344		404		369	
Copper	7440-50-8	ppm-Fe	1070		1100		3460		4430		4120		4010		1030		461		3470		4250	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	272		312		3770		5040		4000		5260		1100		416		3650		4030	
Magnesium	7439-95-4	ppm-Fe	330000		323000		353000		311000		286000		275000		245000		238000		439000		318000	
Manganese	7439-96-5	ppm-Fe	37100		26800		13800		16000		16200		16500		17500		30600		14900		15200	
Mercury	7439-97-6	ppm-Fe	0.34	U	0.32	U	54.4		62.5		110		88.2		39.3		2.6		52.6		74.6	
Nickel	7440-02-0	ppm-Fe	838		854		2160		1610		1260		1350		920		753		3330		1840	
Potassium	7440-09-7	ppm-Fe	95500		95500		145000		139000		151000		140000		149000		147000		156000		116000	
Selenium	7782-49-2	ppm-Fe	19.9	U	19.8	U	33.1	U	44.6		29.4	U	36.8		30.8		31.8	U	45.6		63.4	U
Silver	7440-22-4	ppm-Fe	102		95.5		87.9		67		77.6		77.2		8	U	8.4	U	80.7		93.3	
Sodium	7440-23-5	ppm-Fe	89400		104000		373000		252000		251000		207000		218000		242000		354000		281000	
Thallium	7440-28-0	ppm-Fe	30.8	U	30.5	U	41.8	U	32.6		37.1	U	36.8	U	38.4	U	40.9	U	33.7	U	52.2	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1030		951		1340		1400		1360		1330		1180		1130		1350		1240	
Zinc	7440-66-6	ppm-Fe	2370		2490		7320		6830		6860		7460		3220		2280		6880		7350	

		Location ID	NWB01A		NWB01A		NWB01A		NWB01A		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086	
		Sample Name	1JMS00153		1JMS00154		1JMS00155		1JMS00156		PC02SED086E-01		PC02SED086E-02		PC02SED086E-03		PC02SED086E-04		PC02SED086E-05		PC02SED086E-06	
		Date Collected	8/30/2000		8/30/2000		8/30/2000		8/30/2000		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007	
		Depth	0.3		0.3-0.7		0.7-1.6		1.6-2.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	467000		453000		442000		500000		430000		442000		432000		437000		558000		481000	
Antimony	7440-36-0	ppm-Fe	28.9	U	23.3	U	30.1	U	25.9	U	181	U	173	U	167	U	166	U	182	U	144	U
Arsenic	7440-38-2	ppm-Fe	400		437		515		266		1220		1340		1320		1610		2490		3450	
Barium	7440-39-3	ppm-Fe	3890		4410		5150		1350		71100		61800		53200		66300		73700		47600	
Beryllium	7440-41-7	ppm-Fe	25.2		25.3		25.2		24.1		22.2		21.9		22		20		23.4		20.1	
Cadmium	7440-43-9	ppm-Fe	44.4		53.1		117		8.4		83.5		106		146		406		605		691	
Calcium	7440-70-2	ppm-Fe	246000		406000		269000		80100		442000		152000		147000		303000		198000		307000	
Chromium	7440-47-3	ppm-Fe	3370		3490		5150		1010		3870		4540		4770		6570		12400		14200	
Cobalt	7440-48-4	ppm-Fe	348		351		359		346		296		306		305		331		432		391	
Copper	7440-50-8	ppm-Fe	4000		4330		6120		472		7640		9630		10200		12200		29200		23900	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	3960		3920		5630		458		5970		6910		7300		18900		15200		12300	
Magnesium	7439-95-4	ppm-Fe	271000		277000		267000		240000		237000		237000		229000		212000		227000		242000	
Manganese	7439-96-5	ppm-Fe	14600		15800		15200		17700		9950		9790		9900		8540		7890		8760	
Mercury	7439-97-6	ppm-Fe	66.7		73.5		150		1.4	U	263		309		303		334		887		851	
Nickel	7440-02-0	ppm-Fe	1370		1310		1330		748		1070		1180		1320		1970		2760		2070	
Potassium	7440-09-7	ppm-Fe	118000		122000		116000		123000		92600		92400		87800		81700		87400		91900	
Selenium	7782-49-2	ppm-Fe	59.3	U	49	U	63.1	U	52.4	U	40.6		48.4		54.9		82.9		139		104	
Silver	7440-22-4	ppm-Fe	100		98		141		13.6	U	76.4		108		131		149		226		158	
Sodium	7440-23-5	ppm-Fe	266000		249000		274000		235000		370000		336000		303000		300000		384000		287000	
Thallium	7440-28-0	ppm-Fe	48.1	U	39.6	U	53.4	U	45.5	U	35.8	U	34.6	U	33.4	U	34.3	U	36.8	U	29.3	U
Titanium	7440-32-6	ppm-Fe									13000		13300		13100		14000		15600		15600	
Vanadium	7440-62-2	ppm-Fe	1280		1310		1430		1120		1580		1840		2230		3230		5450		5190	
Zinc	7440-66-6	ppm-Fe	7300		6940		9760		2310		10700		12100		13200		29700		35300		35400	

Table B-4
Iron-Normalized Inorganics

		Location ID	PC02SED086		PC02SED086		PR0001SDM		PR0001SDM		PR0002SDM		PR001		PR0013SDM		PR00SD13		PRA04		SD001-200	
		Sample Name	PC02SED086E-07		PC02SED086E-08		PR0001SDM		PR0001SDM		PR0002SDM		6JMS00011		PR0013SDM		PR00SD13		1JMS00006		SD001-200-000005-203	
		Date Collected	11/28/2007		11/28/2007		5/23/2000		5/23/2000		5/24/2000		9/24/1998		5/23/2000		8/1/2000		7/13/1999		11/25/2003	
		Depth	7.5-9.5		9.5-10.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	369000		444000				499000		434000		378000		549000		564000		500000		402000	
Antimony	7440-36-0	ppm-Fe	103	U	129	U			34.5	U	39.8	U	209		38.2		60.4		48.7	U	129	U
Arsenic	7440-38-2	ppm-Fe	1790		1250				346		490		651		323		295		451		1040	
Barium	7440-39-3	ppm-Fe	39400		10200				4260		4380		5430		15000		9500		3630		7350	
Beryllium	7440-41-7	ppm-Fe	24.9		23.9				28.3		32.7		43.2		28.5		29.2		35		18.5	
Cadmium	7440-43-9	ppm-Fe	371		43				123		120		101		135		148		115		66.1	
Calcium	7440-70-2	ppm-Fe	132000		163000				186000		184000		187000		197000		179000		177000		565000	
Chromium	7440-47-3	ppm-Fe	5260		1880				4460		5060		4390		4440		4130		5530		13000	
Cobalt	7440-48-4	ppm-Fe	306		332				359		414		1700		354		322		354		347	
Copper	7440-50-8	ppm-Fe	7820		3510				5910		6730		21500		5760		5100		6330		5810	
Iron	7439-89-6	ppm-Fe	1000000		1000000				1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	6380		3320				7160		7930		39600		7430		6610		6950		5950	
Magnesium	7439-95-4	ppm-Fe	140000		198000				243000		231000		246000		245000		245000		291000		223000	
Manganese	7439-96-5	ppm-Fe	7620		17200				15800		12900		13700		17300		14800		14800		13300	
Mercury	7439-97-6	ppm-Fe	176		93.1				90.6		95.6				79.9		83.9		115		210	
Nickel	7440-02-0	ppm-Fe	798		842				1250		1410		4280		1440		1230		1220		1230	
Potassium	7440-09-7	ppm-Fe	63600		84200								65800				116000		113000		57800	
Selenium	7782-49-2	ppm-Fe	33.7		33.4		34.6	U					46.8				36.9	U	102		88.7	U
Silver	7440-22-4	ppm-Fe	32		16.7				147		131		137		142		101		155		78.2	
Sodium	7440-23-5	ppm-Fe	195000		241000				194000		167000		303000		200000		212000		504000		139000	
Thallium	7440-28-0	ppm-Fe	21.3	U	26.3	U							245				57		102	U	105	U
Titanium	7440-32-6	ppm-Fe	11800		11200																	
Vanadium	7440-62-2	ppm-Fe	1470		1340				1430		1620		1050		1490		1290		1320		1230	
Zinc	7440-66-6	ppm-Fe	13500		5610				15800		17100		89600		19800		17700		14400		11200	

		Location ID	SD001-RF1		SD001-RF2		SD001-RF3		SD002-14H		SD002-890		SD002-RF1		SD002-RF2		SD002-RF3		SD003-550		SD003-RF1	
		Sample Name	SD001-RF1-000005-103		SD001-RF2-000005-103		SD001-RF3-000005-103		SD002-14H-GRB005-11		SD002-890-GRB005-11		SD002-RF1-000005-103		SD002-RF2-000005-103		SD002-RF3-000005-103		SD003-550-GRB005-11		SD003-RF1-GRB005-11	
		Date Collected	10/16/2003		10/16/2003		10/16/2003		4/22/2006		4/21/2006		10/16/2003		10/16/2003		10/16/2003		4/21/2006		4/21/2006	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	422000		461000		413000		460000		460000		391000		450000		429000		520000		414000	
Antimony	7440-36-0	ppm-Fe	102	U	123	U	112	U	500	U	997		114	U	109	U	125	U	503	U	472	U
Arsenic	7440-38-2	ppm-Fe	917		315		388		484		2630		1130		316		514		377		1280	
Barium	7440-39-3	ppm-Fe	5190		4010		4790		4380		6570		4640		3830		5720		3970		6190	
Beryllium	7440-41-7	ppm-Fe	31.9		29.3		30.1		41.5	U	39	U	30.9		28.8		30.3		43	U	38.7	U
Cadmium	7440-43-9	ppm-Fe	12.5		69.4		43.7		47.3		150		7.7	U	63.9		216		43	U	38.7	U
Calcium	7440-70-2	ppm-Fe	142000		195000		225000		223000		830000		122000		221000		236000		193000		143000	
Chromium	7440-47-3	ppm-Fe	8470		4510		5920		9360		31200		8770		4250		10900		6060		8450	
Cobalt	7440-48-4	ppm-Fe	380		356		369		468		390	U	345		351		452		434		436	
Copper	7440-50-8	ppm-Fe	4170		5240		4560		4040		14600		4640		5210		8460		3610		5860	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	5970		6030		4830		4500		10900		5550		5880		10800		3740		6910	
Magnesium	7439-95-4	ppm-Fe	223000		256000		258000		225000		220000		214000		258000		255000		258000		195000	
Manganese	7439-96-5	ppm-Fe	12200		16900		13400		13400		10500		12300		16100		13800		18100		11000	
Mercury	7439-97-6	ppm-Fe	55.6		78.9		107		95.7		905		118		67.1		264		89.4		138	
Nickel	7440-02-0	ppm-Fe	1050		1210		1430		1290		1360		1070		1200		2130		1080		1350	
Potassium	7440-09-7	ppm-Fe	74100		73800		77700		106000		111000		70000		74100		79800		125000		101000	
Selenium	7782-49-2	ppm-Fe	74.1	U	88.3	U	82.5	U	112		164		81.8	U	76.7	U	91.3	U	126		180	
Silver	7440-22-4	ppm-Fe	24.5	U	104		72.8		85.1	U	145		29.5		92.7		154		82.8	U	80.1	U
Sodium	7440-23-5	ppm-Fe	187000		341000		255000		181000		337000		230000		300000		335000		361000		304000	
Thallium	7440-28-0	ppm-Fe	83.3	U	97.8	U	92.2	U	85.1	U	78	U	90.9	U	86.3	U	101	U	82.8	U	80.1	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1080		1220		1160		1550		1590		1040		1200		1350		1290		1240	
Zinc	7440-66-6	ppm-Fe	10100		14700		9710		10100		17900		11000		14000		21000		7720		16700	

Table B-4
Iron-Normalized Inorganics

		Location ID	SD003-RF2		SD003-RF3		SD004-200		SD004-200		SD004-200		SD009-025		SD009-450		SD00A-005		SD00A-025		SD00A-025	
		Sample Name	SD003-RF2-GRB005-11		SD003-RF3-GRB005-11		SD004-200-000005-203		SD004-200-015020-203		SD004-200-035040-203		SD009-025-GRB005-11		SD009-450-GRB005-11		SD00A-005-000005-203		SD00A-025-000005-203		SD0DA-025-000005-203	
		Date Collected	4/21/2006		4/22/2006		11/22/2003		11/22/2003		11/22/2003		4/12/2006		4/20/2006		12/1/2003		11/23/2003		11/23/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	518000		519000		505000		415000		398000		156000		520000		341000		405000		390000	
Antimony	7440-36-0	ppm-Fe	471	U	453	U	174	U	81.7	U	45.2	U	283	U	437	U	83.7	U	81.9	U	95.5	U
Arsenic	7440-38-2	ppm-Fe	334		374		356		550		1690		351		410		414		448		462	
Barium	7440-39-3	ppm-Fe	4630		5470		1710		5380		10200		2010		4070		6310		5560		5830	
Beryllium	7440-41-7	ppm-Fe	38.4	U	37.9	U	24.4		31.7		27.1		23.7	U	37.7	U	20.2		25.9		24.6	
Cadmium	7440-43-9	ppm-Fe	52.1		37.9	U	17.8	U	175		93.2		23.7	U	37.7	U	103		103		106	
Calcium	7440-70-2	ppm-Fe	192000		299000		405000		257000		133000		1840000		167000		387000		430000		479000	
Chromium	7440-47-3	ppm-Fe	3750		4010		4520		14200		10000		1200		3560		17400		10400		10700	
Cobalt	7440-48-4	ppm-Fe	416		435		450		383		325		237	U	364	U	350		358		347	
Copper	7440-50-8	ppm-Fe	5750		3880		1910		6430		9100		2330		3720		10600		6510		7940	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	6850		4390		2200		7310		10200		6240		3670		11100		6290		8590	
Magnesium	7439-95-4	ppm-Fe	246000		271000		242000		232000		221000		1200000		247000		208000		249000		239000	
Manganese	7439-96-5	ppm-Fe	18500		14600		9680		13000		11600		8210		15100		13600		15600		16100	
Mercury	7439-97-6	ppm-Fe	57.5		60.7		41.3		175		93.2		13.6		56.6		212		177		206	
Nickel	7440-02-0	ppm-Fe	1230		1290		1130		1630		1350		1850		1040		2140		1680		2120	
Potassium	7440-09-7	ppm-Fe	93700		119000		60800		71300		69500		32000		122000		56700		75000		68300	
Selenium	7782-49-2	ppm-Fe	134		117		174	U	81.7	U	116	U	46.6	U	83.6		59.1	U	60.3	U	70.4	U
Silver	7440-22-4	ppm-Fe	79.5	U	131		31.9	U	91.7		81.9		46.6	U	72.8	U	167		159		141	
Sodium	7440-23-5	ppm-Fe	321000		242000		197000		233000		205000		69200		299000		160000		169000		173000	
Thallium	7440-28-0	ppm-Fe	79.5	U	74.8	U	188	U	91.7	U	50.8	U	46.6	U	72.8	U	69	U	64.7	U	75.4	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1330		1360		1090		1570		1340		1020		1330		1280		1260		1330	
Zinc	7440-66-6	ppm-Fe	16800		8640		6270		14200		14400		19900		7120		27800		14700		20400	

		Location ID	SD00A-050		SD00A-050		SD00A-050		SD00A-100		SD00A-200		SD00B-005		SD00B-025		SD00B-025		SD00B-025		SD00B-025	
		Sample Name	SD00A-050-000005-203		SD00A-050-015020-203		SD00A-050-035040-203		SD00A-100-000005-203		SD00A-200-000005-203		SD00B-005-000005-203		SD00B-025-000005-203		SD00B-025-015020-203		SD00B-025-035040-203		SD0DB-025-000005-203	
		Date Collected	11/23/2003		11/23/2003		11/23/2003		11/24/2003		12/1/2003		12/1/2003		12/1/2003		12/1/2003		12/1/2003		11/25/2003	
		Depth	0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	396000		408000		425000		401000		397000		336000		298000		360000		403000		376000	
Antimony	7440-36-0	ppm-Fe	96.2	U	88.8	U	68.9	U	86	U	85.7	U	184	U	140	U	91.8	U	66	U	191	U
Arsenic	7440-38-2	ppm-Fe	543		967		605		2250		2680		184		595		878		858		450	
Barium	7440-39-3	ppm-Fe	5380		6550		17100		9530		7300		2080		4170		5920		6450		3760	
Beryllium	7440-41-7	ppm-Fe	25		26.3		26		29.7		26.3		9.5	U	18.2		23.5		25.8		15	
Cadmium	7440-43-9	ppm-Fe	120		332		53.9		233		257		26.3		90.9		37.2		37.7		102	
Calcium	7440-70-2	ppm-Fe	373000		189000		208000		152000		138000		799000		599000		442000		240000		569000	
Chromium	7440-47-3	ppm-Fe	16000		55600		45500		44100		47600		17100		12000		5920		12800		18400	
Cobalt	7440-48-4	ppm-Fe	346		365		365		323		302		539		388		342		349		368	
Copper	7440-50-8	ppm-Fe	7070		12800		5660		17500		22700		2330		5460		4220		4780		6130	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	7160		11700		5390		13000		15100		2700		5100		5770		5820		6570	
Magnesium	7439-95-4	ppm-Fe	248000		207000		241000		199000		185000		430000		245000		248000		234000		304000	
Manganese	7439-96-5	ppm-Fe	15700		10100		14400		11500		9020		12600		9420		17100		17100		11400	
Mercury	7439-97-6	ppm-Fe	245		1630		518		1440		1540		14.5		264		76.5		173		163	
Nickel	7440-02-0	ppm-Fe	1460		2050		1210		1410		1510		2210		1570		1080		1100		1730	
Potassium	7440-09-7	ppm-Fe	69700		64100		64700		60900		60300		45100		50500		56100		61600		57800	
Selenium	7782-49-2	ppm-Fe	72.1	U	65.8	U	47.9	U	64.5	U	117		132	U	99.2	U	66.3	U	47.2	U	136	U
Silver	7440-22-4	ppm-Fe	135		240		47.9		201		279		43.4	U	73.6		29.6		34.6		92.6	
Sodium	7440-23-5	ppm-Fe	210000		259000		123000		209000		220000		155000		152000		144000		130000		191000	
Thallium	7440-28-0	ppm-Fe	81.7	U	72.4	U	53.9	U	71.7	U	69.8	U	145	U	116	U	71.4	U	53.5	U	163	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1370		2730		1050		1440		1990		2500		1130		1120		1000		1460	
Zinc	7440-66-6	ppm-Fe	14900		24900		12200		20200		26700		7780		14500		9590		9970		16500	

		Location ID	SD00B-048		SD00B-050		SD00B-050		SD00B-100		SD00B-100		SD00B-200		SD00C-005		SD00C-005		SD00C-005		SD00C-025	
		Sample Name	SD00B-048-GRB005-11		SD00B-050-000005-203		SD0DB-050-000005-203		SD00B-100-000005-203		SD00B-100-015020-203		SD00B-200-000005-203		SD00C-005-000005-203		SD00C-005-015020-203		SD00C-005-035040-203		SD00C-025-000005-103	
		Date Collected	4/12/2006		11/23/2003		11/23/2003		11/22/2003		11/22/2003		11/22/2003		11/20/2003		11/20/2003		11/20/2003		10/16/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	485000		410000		420000		449000		721000		495000		415000		427000		422000		427000	
Antimony	7440-36-0	ppm-Fe	3690		83.7	U	87.4	U	84.3	U	151	U	166	U	88.6	U	94.9	U	86.8	U	113	U
Arsenic	7440-38-2	ppm-Fe	474		749		852		667		737		505		380		380		395		350	
Barium	7440-39-3	ppm-Fe	5110		9870		7380		5540		897		2700		3290		3350		3500		3450	
Beryllium	7440-41-7	ppm-Fe	72.1	U	27.8		25.1		25.9		22.4		24.4		25.6		23.1		24		29.9	
Cadmium	7440-43-9	ppm-Fe	72.1	U	48.5		131		65.7		15.4	U	15.7	U	41.1		50.6		65.9		14.6	
Calcium	7440-70-2	ppm-Fe	2940000		193000		245000		204000		85100		144000		209000		190000		180000		244000	
Chromium	7440-47-3	ppm-Fe	78300		31100		33700		16300		1700		12700		5380		6140		6170		5440	
Cobalt	7440-48-4	ppm-Fe	721	U	379		432		398		417		436		326		329		320		358	
Copper	7440-50-8	ppm-Fe	3770		4850		7160		4240		1760		2650		4080		4370		4610		4010	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	3640		5680		6450		4530		2020		2650		4300		4720		5120		4010	
Magnesium	7439-95-4	ppm-Fe	372000		244000		253000		233000		186000		240000		260000		266000		239000		276000	
Manganese	7439-96-5	ppm-Fe	17600		12900		12800		11900		9390		10100		15700		17300		17500		15200	
Mercury	7439-97-6	ppm-Fe	103		181		393		148		36.9		97.6		85.4		82.3		80.8		98.5	
Nickel	7440-02-0	ppm-Fe	2970		1400		2140		1430		897		1170		1200		1410		1090		1200	
Potassium	7440-09-7	ppm-Fe	89800		64800		65000		79900		48400		62000		74100		72800		70700		85800	
Selenium	7782-49-2	ppm-Fe	144	U	61.7	U	65.6	U	84.3	U	151	U	166	U	66.5	U	69.6	U	62.9	U	80.3	U
Silver	7440-22-4	ppm-Fe	144	U	48.5		76.5		53.7		27.2	U	29.6	U	91.8		98.1		105		80.3	
Sodium	7440-23-5	ppm-Fe	320000		171000		164000		144000		141000		239000		271000		345000		299000		331000	
Thallium	7440-28-0	ppm-Fe	144	U	66.1	U	71	U	92.6	U	176	U	192	U	72.8	U	79.1	U	68.9	U	91.2	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1430		1100		1600		1270		1360		1110		1140		1150		1170		1150	
Zinc	7440-66-6	ppm-Fe	10700		11900		21000		11900		4150		6320		7690		8480		9400		7740	

Table B-4
Iron-Normalized Inorganics

		Location ID	SD00C-025		SD00C-050		SD00C-100		SD00C-100		SD00C-100		SD00C-100		SD00C-200		SD00D-050		SD00D-150		SD00L-080	
		Sample Name	SD00C-025-000005-203		SD00C-050-000005-203		SD00C-100-000005-103		SD00C-100-000005-203		SD0DC-100-000005-103		SD0DC-100-000005-203		SD00C-200-000005-203		SD00D-050-000005-103		SD00D-150-000005-103		SD00L-080-GRB005-11	
		Date Collected	11/19/2003		11/19/2003		10/16/2003		11/21/2003		10/16/2003		11/21/2003		11/21/2003		10/16/2003		10/16/2003		4/12/2006	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	418000		408000		412000		402000		416000		407000		463000		351000		389000		322000	
Antimony	7440-36-0	ppm-Fe	96.5	U	97.5	U	113	U	108	U	117	U	107	U	175	U	105	U	113	U	821	U
Arsenic	7440-38-2	ppm-Fe	418		426		409		392		372		424		361		414		3630		244	
Barium	7440-39-3	ppm-Fe	3340		3370		4380		5030		4690		4330		3080		6600		7070		4550	
Beryllium	7440-41-7	ppm-Fe	25.1		23.8		30.6		23.9		30.9		23.2		22.1		23.6		31.2		68.8	U
Cadmium	7440-43-9	ppm-Fe	54.7		43.3		12.9		48.9		14.9		43.5		36.1		62.8		193		68.8	U
Calcium	7440-70-2	ppm-Fe	582000		379000		241000		304000		243000		235000		543000		253000		145000		295000	
Chromium	7440-47-3	ppm-Fe	5790		9890		6830		8410		7230		7800		6220		16800		45000		4400	
Cobalt	7440-48-4	ppm-Fe	334		343		355		341		362		350		396		440		312		688	U
Copper	7440-50-8	ppm-Fe	4340		4980		3870		4950		4190		4620		2820		8480		21500		1990	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	4730		4800		4160		4820		4590		4570		3240		13000		13700		2990	
Magnesium	7439-95-4	ppm-Fe	264000		277000		255000		261000		257000		264000		253000		224000		203000		203000	
Manganese	7439-96-5	ppm-Fe	15600		14800		14500		14900		14700		14700		12000		9060		10100		8310	
Mercury	7439-97-6	ppm-Fe	90		101		140		119		122		153		78.1		325		2060		21.1	
Nickel	7440-02-0	ppm-Fe	1350		1560		1150		1320		1190		1480		1190		1940		1350		1010	
Potassium	7440-09-7	ppm-Fe	74000		74000		77400		67600		78200		68900		62400		59200		73300		54200	
Selenium	7782-49-2	ppm-Fe	70.7	U	72.2	U	80.6	U	79.5	U	85.1	U	73.4	U	128	U	73.3	U	106		133	U
Silver	7440-22-4	ppm-Fe	90		86.6		59.1		85.2		58.5		73.4		60.6		162		212		133	U
Sodium	7440-23-5	ppm-Fe	286000		331000		252000		240000		252000		230000		226000		188000		301000		147000	
Thallium	7440-28-0	ppm-Fe	77.2	U	79.4	U	91.4	U	85.2	U	95.7	U	84.7	U	140	U	83.8	U	90	U	133	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1170		1170		1140		1160		1140		1180		1220		1310		1660		1150	
Zinc	7440-66-6	ppm-Fe	8650		8480		7740		9090		8030		8760		8250		23100		23300		7350	

		Location ID	SD00L-350		SD00L-350		SD00L-350		SD00L-350		SD00L-350		SD00L-350		SD00L-350		SD00L-350		SD00L-350		SD00L-400	
		Sample Name	SD00L-350-000005-6		SD00L-350-005010-6		SD00L-350-040045-6		SD00L-350-080085-6		SD00L-350-120125-6		SD00L-350-160165-6		SD00L-350-177182-6		SD00L-350-202207-6		SD00L-350-228233-6		SD00L-400-GRB005-11	
		Date Collected	7/15/2005		7/15/2005		7/15/2005		7/15/2005		7/15/2005		7/15/2005		7/15/2005		7/15/2005		7/15/2005		4/12/2006	
		Depth	0.0-0.5		0.5-1.0		3.9-4.4		7.9-8.4		11.8-12.3		15.7-16.2		17.4-17.9		19.9-20.4		22.4-22.9		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	448000		464000		436000		428000		458000		490000		398000		418000		411000		465000	
Antimony	7440-36-0	ppm-Fe	80.6	U	86.3	U	70.8	U	66.1	U	54.2	U	47.1	U	58.3	U	57.3	U	58.8	U	543	U
Arsenic	7440-38-2	ppm-Fe	525		661		954		1650		988		529		1050		207		187		364	
Barium	7440-39-3	ppm-Fe	6030		6550		7060		10400		9970		5120		6050		2760		3150		3480	
Beryllium	7440-41-7	ppm-Fe	26.6		29.5		27.2		28.7		28		27.7		25.9		28.2		29.4		45	U
Cadmium	7440-43-9	ppm-Fe	301		286		346		316		66.3		25.5		25.9		5.7	U	5.9	U	45	U
Calcium	7440-70-2	ppm-Fe	192000		190000		204000		144000		177000		120000		177000		546000		829000		210000	
Chromium	7440-47-3	ppm-Fe	17800		14500		40600		35600		9220		11700		13700		1050		941		4220	
Cobalt	7440-48-4	ppm-Fe	424		384		338		336		352		382		346		401		412		450	U
Copper	7440-50-8	ppm-Fe	11900		11300		13300		11100		7980		3680		4980		797		797		3640	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	12500		13200		12700		11100		9070		4210		7350		467		449		3960	
Magnesium	7439-95-4	ppm-Fe	231000		232000		220000		213000		242000		247000		217000		276000		307000		267000	
Manganese	7439-96-5	ppm-Fe	11600		11100		10100		10700		14100		14000		12900		23000		26000		11300	
Mercury	7439-97-6	ppm-Fe	424		384		477		1630		190		83.1		178		1.8		1.1	U	43.7	
Nickel	7440-02-0	ppm-Fe	2400		1870		1920		1350		1240		1090		1140		877		909		1110	
Potassium	7440-09-7	ppm-Fe	91600		91400		88000		83300		85800		83400		71200		77100		80200		102000	
Selenium	7782-49-2	ppm-Fe	80.6	U	83.3	U	70.8	U	132	U	54.2	U	47.1	U	55	U	52.9	U	58.8	U	92.7	U
Silver	7440-22-4	ppm-Fe	218		226		229		172		72.3		22.4		35.6		13.7	U	14.4	U	92.7	U
Sodium	7440-23-5	ppm-Fe	304000		330000		262000		214000		157000		97000		107000		50200		49100		228000	
Thallium	7440-28-0	ppm-Fe	38.8	U	41.7	U	35.4	U	31.6	U	54.2	U	47.1	U	55	U	52.9	U	58.8	U	92.7	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1430		1610		2590		1380		1180		1010		1030		1040		984		1360	
Zinc	7440-66-6	ppm-Fe	28300		24100		26200		21600		15700		8030		10100		2000		2050		7550	

		Location ID	SD00M-350		SD00M-350		SD00M-350		SD00M-350		SD00N-500		SD00N-500		SD00N-500		SD00N-500		SD010-050		SD010-10H	
		Sample Name	SD00M-350-000005-6		SD00M-350-009014-6		SD00M-350-035040-6		SD00M-350-060065-6		SD00N-500-000005-6		SD00N-500-005010-6		SD00N-500-018023-6		SD00N-500-043048-6		SD010-050-GRB005-11		SD010-10H-GRB005-11	
		Date Collected	7/18/2005		7/18/2005		7/18/2005		7/18/2005		7/24/2005		7/24/2005		7/24/2005		7/24/2005		4/12/2006		4/22/2006	
		Depth	0.0-0.5		0.9-1.4		3.4-3.9		5.9-6.4		0.0-0.5		0.5-1.0		1.8-2.3		4.2-4.7		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	464000		458000		464000		718000		491000		495000		544000		792000		484000		429000	
Antimony	7440-36-0	ppm-Fe	84.6	U	104	U	71.8	U	252	U	76.7	U	71.7	U	98.8	U	218	U	434		777	U
Arsenic	7440-38-2	ppm-Fe	736		636		923		225	U	233		195		169		198	U	522		359	
Barium	7440-39-3	ppm-Fe	5570		5410		4540		1010		1130		1190		1340		1720		4410		6340	
Beryllium	7440-41-7	ppm-Fe	27.9		27.3		27.3		18.3		29.6		28.3		27.9		33.7		31.5	U	65	U
Cadmium	7440-43-9	ppm-Fe	59.7		79.2		12.9		25.2	U	7.7	U	7.2	U	9.9	U	23.8	U	55.4		65	U
Calcium	7440-70-2	ppm-Fe	231000		244000		309000		74300		70000		66200		67400		66100		135000		702000	
Chromium	7440-47-3	ppm-Fe	11700		16800		8370		1350		1150		1100		1110		1350		7840		3440	
Cobalt	7440-48-4	ppm-Fe	373		360		378		459		314		334		279		297		378		650	U
Copper	7440-50-8	ppm-Fe	5720		6110		3980		413		509		471		419		495		7430		2540	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	5970		5860		5120		436		422		386		448		376		6490		3770	
Magnesium	7439-95-4	ppm-Fe	237000		240000		253000		250000		221000		215000		197000		238000		240000		234000	
Manganese	7439-96-5	ppm-Fe	13900		13600		16000		8350		9830		9970		8370		7940		11200		12700	
Mercury	7439-97-6	ppm-Fe	224		252		115		3.9	U	1.4		1	U	1.7		3.8	U	177		39.8	
Nickel	7440-02-0	ppm-Fe	1220		1340		1200		1120		798		805		762		1150		1290		951	
Potassium	7440-09-7	ppm-Fe	86100		91700		83700		75700		104000		104000		91300		80400		111000		103000	
Selenium	7782-49-2	ppm-Fe	84.6	U	104	U	71.8	U	229	U	76.7	U	68.3	U	93	U	218	U	147		126	U
Silver	7440-22-4	ppm-Fe	64.7		84		30.6		59.6	U	18.8	U	17.4	U	23.8	U	55.4	U	96.8		126	U
Sodium	7440-23-5	ppm-Fe	174000		195000		95700		113000		260000		226000		221000		123000		234000		269000	
Thallium	7440-28-0	ppm-Fe	84.6	U	104	U	71.8	U	229	U	38.3	U	68.3	U	93	U	218	U	63.8	U	126	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1260		1380		1140		1030		1140		1140		1010		1110		1310		1280	
Zinc	7440-66-6	ppm-Fe	11500		12200		8370		2590		2240		2180		2170		2890		13700		5980	

		Location ID	SD011-150		SD011-150		SD011-150		SD011-150		SD011-150		SD011-152		SD012-100		SD012-600		SD012-600		SD012-600	
		Sample Name	SD011-150-000005-6		SD011-150-005010-6		SD011-150-031036-6		SD011-150-039044-6		SD011-150-064069-6		SD011-152-GRB005-11		SD012-100-GRB005-11		SD012-600-004009-6		SD012-600-009014-6		SD012-600-049054-6	
		Date Collected	7/23/2005		7/23/2005		7/23/2005		7/23/2005		7/23/2005		4/20/2006		4/12/2006		7/14/2005		7/14/2005		7/14/2005	
		Depth	0.0-0.5		0.5-1.0		3.1-3.5		3.8-4.3		6.3-6.8		0.0-0.5		0.0-0.5		0.4-0.9		0.9-1.4		4.8-5.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	388000		350000		327000		411000		437000		518000		513000		381000		416000		291000	
Antimony	7440-36-0	ppm-Fe	4730	U	96.5	U	227		100		174	U	3380		424		67	U	73.4	U	390	U
Arsenic	7440-38-2	ppm-Fe	152		2180		1270		671		883		1350		629		533		2430		355	
Barium	7440-39-3	ppm-Fe	72600		13100		16400		9710		2500		8320		4330		4830		3400		4670	
Beryllium	7440-41-7	ppm-Fe	28.5		26.1		25.5		30		28.9		42.7	U	34.4	U	28.4		28		27.9	
Cadmium	7440-43-9	ppm-Fe	291		188		70.6		17.1		17.4	U	124		80.4		109		23.4		39.5	U
Calcium	7440-70-2	ppm-Fe	140000		153000		132000		405000		129000		270000		118000		161000		114000		674000	
Chromium	7440-47-3	ppm-Fe	74500		70400		26300		11100		8600		78900		8130		8520		7060		773	
Cobalt	7440-48-4	ppm-Fe	309000		321		263		347		376		497		397		320		339		279	U
Copper	7440-50-8	ppm-Fe	47000		38000		56900		21500		3260		22300		10200		6940		7310		477	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	26800		22000		20000		6820		5250		17000		8530		7930		9650		436	
Magnesium	7439-95-4	ppm-Fe	180000		152000		153000		234000		207000		207000		227000		201000		180000		313000	
Manganese	7439-96-5	ppm-Fe	7880		7690		7490		16200		12900		10600		9550		10800		10300		18700	
Mercury	7439-97-6	ppm-Fe	2400		2850		278		318		119		2300		116		181		210		5.6	U
Nickel	7440-02-0	ppm-Fe	105000		1650		1900		1580		1420		1850		1380		1450		1790		372	
Potassium	7440-09-7	ppm-Fe	1910		65000		63500		84700		64800		109000		107000		85900		83900		71500	
Selenium	7782-49-2	ppm-Fe	167	U	163	U	196	U	82.4	U	174	U	135		67	U	65.6	U	73.4	U	378	U
Silver	7440-22-4	ppm-Fe	342		206		263		37.1		43.4	U	222		89.3		115		38.5		93	U
Sodium	7440-23-5	ppm-Fe	244000		131000		103000		75300		70300		229000		210000		176000		141000		738000	
Thallium	7440-28-0	ppm-Fe	1560	U	96.5	U	78.4	U	82.4	U	174	U	86.5	U	67	U	50.1	U	35	U	192	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	2030		1380		1490		1070		1100		1400		1570		1090		1010		1340	
Zinc	7440-66-6	ppm-Fe	59400		31600		24800		10600		6440		28600		19200		15300		14300		1300	

		Location ID	SD012-600		SD012-600		SD012-900		SD014-200		SD014-500		SD01W-040		SD01W-040		SD01W-100		SD01W-100		SD01W-170	
		Sample Name	SD012-600-069074-6		SD012-600-134139-6		SD012-900-000005-6		SD014-200-GRB005-11		SD014-500-GRB005-11		SD01W-040-000005-11		SD01W-040-005010-11		SD01W-100-000005-11		SD01W-100-005010-11		SD01W-170-000005-11	
		Date Collected	7/14/2005		7/14/2005		7/14/2005		4/12/2006		4/12/2006		4/20/2006		4/20/2006		4/24/2006		4/24/2006		4/18/2006	
		Depth	6.8-7.3		13.2-13.7		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	323000		383000		387000		441000		481000		483000		523000		485000		472000		433000	
Antimony	7440-36-0	ppm-Fe	88.9	U	57	U	73	U	996	U	841	U	385	U	383	U	397	U	407	U	326	U
Arsenic	7440-38-2	ppm-Fe	156		104		407		345		431		431		430		377		417		406	
Barium	7440-39-3	ppm-Fe	2050		20100		4190		3480		3870		4150		4440		3860		4440		3330	
Beryllium	7440-41-7	ppm-Fe	28.1		35.8		28.8		83.7	U	70.8	U	30.8	U	32.2	U	33.5	U	34	U	26.8	U
Cadmium	7440-43-9	ppm-Fe	8.9	U	5.7	U	46.4		83.7	U	70.8	U	30.8	U	32.2	U	33.5	U	34	U	26.8	U
Calcium	7440-70-2	ppm-Fe	64600		1220000		202000		207000		152000		236000		221000		196000		210000		173000	
Chromium	7440-47-3	ppm-Fe	978		1040		5860		4330		3190		6090		6080		6010		5960		4820	
Cobalt	7440-48-4	ppm-Fe	237		409		320		837	U	708	U	372		374		419		423		370	
Copper	7440-50-8	ppm-Fe	1290		845		4230		14300		2790		5450		5500		4260		5090		3450	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	244		523		5000		22200		3330		6310		6350		4440		5220		3630	
Magnesium	7439-95-4	ppm-Fe	97000		303000		224000		214000		235000		261000		261000		254000		255000		222000	
Manganese	7439-96-5	ppm-Fe	4210		29500		12300		11000		13100		13600		14400		15200		14100		14600	
Mercury	7439-97-6	ppm-Fe	1.5	U	0.98	U	131		98.3		48.7		123		155		136		136		114	
Nickel	7440-02-0	ppm-Fe	630		1060		1260		1180		985		1710		1710		1170		1210		881	
Potassium	7440-09-7	ppm-Fe	44400		104000		91500		91600		126000		111000		125000		106000		108000		99300	
Selenium	7782-49-2	ppm-Fe	81.5	U	57	U	69.8	U	173	U	144	U	80		96.5		108		86.4		107	
Silver	7440-22-4	ppm-Fe	20.7	U	14	U	70.6		173	U	144	U	132		129		65.4	U	67.9	U	53.5	U
Sodium	7440-23-5	ppm-Fe	38300		25600		205000		244000		268000		220000		246000		223000		228000		204000	
Thallium	7440-28-0	ppm-Fe	81.5	U	57	U	52.2	U	173	U	144	U	64.6	U	64.3	U	65.4	U	67.9	U	53.5	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1440		979		1050		1530		1220		1270		1280		1190		1290		1070	
Zinc	7440-66-6	ppm-Fe	1320		2190		8850		35700		6490		12500		11000		8110		9660		6400	

Table B-4
Iron-Normalized Inorganics

		Location ID	SD01W-170		SD01W-250		SD01W-250		SD02E-025		SD02E-060		SD02E-075		SD02E-075		SD02E-075		SD02E-075		SD02E-160	
		Sample Name	SD01W-170-005010-11		SD01W-250-000005-11		SD01W-250-005010-11		SD02E-025-000005-203		SD02E-060-GRB005-11		SD02E-075-000005-103		SD02E-075-000005-203		SD02E-075-015020-203		SD02E-075-035040-203		SD02E-160-000005-11	
		Date Collected	4/18/2006		4/19/2006		4/19/2006		11/21/2003		4/12/2006		10/16/2003		11/20/2003		11/20/2003		11/20/2003		4/20/2006	
		Depth	0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	410000		513000		490000		403000		529000		393000		419000		410000		402000		515000	
Antimony	7440-36-0	ppm-Fe	370	U	417	U	408	U	84.4	U	464	U	107	U	92.4	U	83.9	U	85.9	U	469	U
Arsenic	7440-38-2	ppm-Fe	392		398		382		434		452		367		393		413		464		401	
Barium	7440-39-3	ppm-Fe	3440		3650		4110		3840		5060		4520		3470		3420		3880		4430	
Beryllium	7440-41-7	ppm-Fe	31.7	U	33.9	U	32.9		23.4		38	U	29.3		23.8		24.2		24.4		39.1	U
Cadmium	7440-43-9	ppm-Fe	31.7	U	41.7		32.9	U	62.5		38	U	33		39.6		46.6		65.3		39.1	U
Calcium	7440-70-2	ppm-Fe	176000		185000		209000		228000		149000		239000		229000		197000		214000		342000	
Chromium	7440-47-3	ppm-Fe	6160		4110		4870		6750		9320		12300		6340		5870		7490		5030	
Cobalt	7440-48-4	ppm-Fe	347		398		405		325		426		341		330		332		330		391	
Copper	7440-50-8	ppm-Fe	3780		3720		3450		5470		7530		5370		4160		4380		4910		3700	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	3860		4110		3850		5750		5290		6330		4320		4880		5090		3620	
Magnesium	7439-95-4	ppm-Fe	222000		266000		268000		241000		257000		249000		268000		255000		233000		255000	
Manganese	7439-96-5	ppm-Fe	13400		18200		16500		13900		12800		14000		16600		18600		15500		14400	
Mercury	7439-97-6	ppm-Fe	122		59.9		75.7		125		114		204		95.7		96.3		117		83.3	
Nickel	7440-02-0	ppm-Fe	878		924		957		1260		1600		1290		1210		1420		1210		1120	
Potassium	7440-09-7	ppm-Fe	92100		123000		113000		70000		119000		76300		75200		68000		66700		119000	
Selenium	7782-49-2	ppm-Fe	60.8	U	80.7		85.5		62.5	U	76	U	77.8	U	66	U	62.1	U	61.9	U	135	
Silver	7440-22-4	ppm-Fe	60.8	U	70.3	U	69.1	U	103		106		92.6		85.8		87		103		78.1	U
Sodium	7440-23-5	ppm-Fe	242000		292000		234000		234000		238000		268000		249000		229000		173000		182000	
Thallium	7440-28-0	ppm-Fe	60.8	U	70.3	U	69.1	U	68.8	U	76	U	85.2	U	72.6	U	68.3	U	68.7	U	78.1	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1100		1340		1320		1160		1400		1150		1100		1090		1200		1340	
Zinc	7440-66-6	ppm-Fe	6830		8410		7730		11400		10100		12700		8250		8730		9240		7030	

		Location ID	SD02E-160		SD02E-225		SD02E-225		SD02W-200		SD02W-200		SD02W-200		SD03E-025		SD03E-025		SD03E-025		SD03E-042	
		Sample Name	SD02E-160-005010-11		SD02E-225-000005-11		SD02E-225-005010-11		SD02W-200-000005-203		SD02W-200-015020-203		SD02W-200-035040-203		SD03E-025-000005-203		SD03E-025-015020-203		SD03E-025-035040-203		SD03E-042-GRB005-11	
		Date Collected	4/20/2006		4/20/2006		4/20/2006		12/2/2003		12/2/2003		12/2/2003		11/16/2003		11/16/2003		11/18/2003		4/12/2006	
		Depth	0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	572000		438000		382000		359000		383000		435000		368000		387000		383000		489000	
Antimony	7440-36-0	ppm-Fe	362	U	945	U	914	U	111	U	129	U	57	U	54.1	U	71.4	U	83.3	U	1240	
Arsenic	7440-38-2	ppm-Fe	459		311		317		363		113	U	78.8		779		824		1480		996	
Barium	7440-39-3	ppm-Fe	5150		7160		8960		2450		3880		3770		4910		19000		5510		8480	
Beryllium	7440-41-7	ppm-Fe	30.1	U	78.4	U	76.1	U	21.3		23.9		31.5		24.8		23.2		25.5		31.1	U
Cadmium	7440-43-9	ppm-Fe	66.5		78.4	U	76.1	U	11.4	U	13.2	U	5.9	U	41		47.6		35.6		40.7	
Calcium	7440-70-2	ppm-Fe	350000		1200000		1460000		43200		91400		1130000		559000		227000		317000		238000	
Chromium	7440-47-3	ppm-Fe	5480		1920		1240		989		1110		1120		14200		33000		8520		24200	
Cobalt	7440-48-4	ppm-Fe	393		784	U	761	U	313		338		448		396		330		352		459	
Copper	7440-50-8	ppm-Fe	5240		1140		964		851		633		891		3550		6370		5970		7110	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	4860		1370		825		876		295		485		4820		6730		7640		6890	
Magnesium	7439-95-4	ppm-Fe	270000		311000		312000		156000		191000		376000		260000		226000		225000		268000	
Manganese	7439-96-5	ppm-Fe	17300		31600		35800		8460		10200		36300		16900		13300		14400		14600	
Mercury	7439-97-6	ppm-Fe	156		21.1		7.6		7.5		2.8	U	1.2	U	72.1		301		116		141	
Nickel	7440-02-0	ppm-Fe	1170		759		635		713		802		982		1420		1340		1380		1810	
Potassium	7440-09-7	ppm-Fe	135000		148000		142000		37300		44700		78200		64400		60700		57900		114000	
Selenium	7782-49-2	ppm-Fe	103		162	U	152	U	111	U	129	U	57	U	54.1	U	53.6	U	60.2	U	96.3	
Silver	7440-22-4	ppm-Fe	100		162	U	152	U	20	U	23.9	U	10.3	U	33.3		50.6		46.3		63	U
Sodium	7440-23-5	ppm-Fe	177000		270000		227000		69000		92500		67900		127000		201000		138000		224000	
Thallium	7440-28-0	ppm-Fe	60.5	U	162	U	152	U	125	U	141	U	66.7	U	58.6	U	59.5	U	69.4	U	63	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1450		1470		1470		1210		1690		1010		1120		976		1070		1190	
Zinc	7440-66-6	ppm-Fe	9060		3470		2510		2400		2000		2250		9550		12800		11300		15300	

		Location ID	SD03E-050		SD03E-075		SD03E-075		SD03E-075		SD03W-150		SD03W-200		SD03W-200		SD03W-200		SD0DB-100		SD0JN-000	
		Sample Name	SD03E-050-000005-103		SD03E-075-000005-203		SD03E-075-015020-203		SD03E-075-035040-203		SD03W-150-000005-103		SD03W-200-000005-203		SD03W-200-015020-203		SD03W-200-035040-203		SD0DB-100-000005-203		SD0JN-000-GRB005-11	
		Date Collected	10/16/2003		11/17/2003		11/17/2003		11/17/2003		10/16/2003		11/24/2003		11/24/2003		11/24/2003		11/22/2003		4/22/2006	
		Depth	0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	386000		399000		424000		745000		448000		473000		636000		618000		426000		513000	
Antimony	7440-36-0	ppm-Fe	107	U	62.5	U	109	U	160	U	264	U	188	U	225	U	258	U	122	U	421	U
Arsenic	7440-38-2	ppm-Fe	712		984		583		344		546		1180		128	U	143	U	792		383	
Barium	7440-39-3	ppm-Fe	4950		7850		5440		1270		2690		3950		824		815		4910		4010	
Beryllium	7440-41-7	ppm-Fe	31.1		26.1		26.3		39.6		28.2		23.1		19.3		31.5		25.6		35.6	U
Cadmium	7440-43-9	ppm-Fe	24.3		35.3		11.1	U	16.4	U	18.6	U	36.1		16.1	U	18.6	U	113		35.6	U
Calcium	7440-70-2	ppm-Fe	344000		181000		437000		68800		420000		126000		61200		66500		269000		212000	
Chromium	7440-47-3	ppm-Fe	21300		14600		14600		1550		5240		8450		1010		1000		22300		6650	
Cobalt	7440-48-4	ppm-Fe	401		329		389		361		471		390		514		544		414		436	
Copper	7440-50-8	ppm-Fe	7180		5630		2660		1080		2260		6180		985		815		6640		4300	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	5710		7640		3530		947		2730		7600		418		458		5940		4480	
Magnesium	7439-95-4	ppm-Fe	246000		214000		253000		234000		235000		212000		255000		260000		212000		261000	
Manganese	7439-96-5	ppm-Fe	14600		14100		16300		7970		11200		9810		8070		9300		11000		14800	
Mercury	7439-97-6	ppm-Fe	119		223		43.4		12		71.6		83.8		3.3	U	3.7	U	219		131	
Nickel	7440-02-0	ppm-Fe	1420		1100		1060		1100		1220		1520		1160		1430		5770		1170	
Potassium	7440-09-7	ppm-Fe	68400		70700		63400		59700		61200		57500		43600		49200		65800		119000	
Selenium	7782-49-2	ppm-Fe	79.1	U	73.4		109	U	160	U	188	U	139	U	161	U	186	U	122	U	92	
Silver	7440-22-4	ppm-Fe	44.1		43.5		19.4	U	29.3	U	65.9	U	70.8		54.6	U	62.9	U	81.6		71.2	U
Sodium	7440-23-5	ppm-Fe	177000		142000		133000		137000		198000		175000		156000		179000		157000		271000	
Thallium	7440-28-0	ppm-Fe	90.4	U	70.7	U	126	U	172	U	226	U	159	U	182	U	215	U	134	U	71.2	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1160		995		1180		1290		1090		1170		1360		1170		1610		1290	
Zinc	7440-66-6	ppm-Fe	11500		12300		7340		3430		7010		13100		3180		3380		15600		8370	

		Location ID	SD0JS-400		SD0KE-050		SD13E-005		SD13E-005		SD13E-005		SD13E-050		SD13E-060		SD13E-100		SD13E-100		SD13E-100	
		Sample Name	SD0JS-400-GRB005-11		SD0KE-050-GRB005-11		SD13E-005-000005-203		SD13E-005-015020-203		SD13E-005-035040-203		SD13E-050-000005-203		SD13E-060-GRB005-11		SD13E-100-000005-103		SD13E-100-000005-203		SD13E-100-015020-203	
		Date Collected	4/22/2006		4/12/2006		11/17/2003		11/17/2003		11/17/2003		11/17/2003		4/12/2006		10/16/2003		11/18/2003		11/18/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	528000		270000		332000		363000		406000		350000		525000		418000		406000		421000	
Antimony	7440-36-0	ppm-Fe	422	U	247	U	59.1		83.3		44.8	U	67.3	U	709		140	U	46.9	U	40	U
Arsenic	7440-38-2	ppm-Fe	383		276		406		1560		848		993		1050		798		1010		835	
Barium	7440-39-3	ppm-Fe	3930		3710		3830		8530		14000		9970		9320		4830		10200		7600	
Beryllium	7440-41-7	ppm-Fe	36.3	U	20.6	U	18.5		24.7		26.3		23.2		33.6	U	31.6		27.5		26.7	
Cadmium	7440-43-9	ppm-Fe	36.3	U	20.6	U	97.7		143		80.6		40.4		45.3		19.3		50		34.7	
Calcium	7440-70-2	ppm-Fe	146000		166000		951000		216000		203000		196000		664000		640000		234000		196000	
Chromium	7440-47-3	ppm-Fe	5970		2170		73300		69700		26800		11500		13500		12600		10900		10500	
Cobalt	7440-48-4	ppm-Fe	465		271		540		353		340		303		389		386		341		357	
Copper	7440-50-8	ppm-Fe	5020		3440		6740		13500		6540		6840		7170		4700		6880		5230	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	4750		6350		13900		12100		7880		7780		7890		5320		7970		6210	
Magnesium	7439-95-4	ppm-Fe	265000		179000		241000		186000		219000		197000		259000		253000		234000		229000	
Manganese	7439-96-5	ppm-Fe	11600		12400		10500		11100		14400		12100		15100		14800		14500		16600	
Mercury	7439-97-6	ppm-Fe	106		16.8		162		943		251		273		189		193		141		144	
Nickel	7440-02-0	ppm-Fe	1290		856		3080		1600		1160		1110		1200		1120		1140		1090	
Potassium	7440-09-7	ppm-Fe	121000		50000		43400		62700		68700		63300		122000		73200		71300		65300	
Selenium	7782-49-2	ppm-Fe	92.4		61.8		38.6	U	73.3	U	44.8	U	67.3	U	79.2		105	U	46.9	U	40	U
Silver	7440-22-4	ppm-Fe	69.3	U	41.2	U	108		213		53.7		50.5		67.9	U	38.6		53.1		32	
Sodium	7440-23-5	ppm-Fe	290000		86800		168000		195000		123000		153000		208000		214000		178000		134000	
Thallium	7440-28-0	ppm-Fe	69.3	U	82.4	U	43.7	U	83.3	U	50.7	U	77.4	U	67.9	U	114	U	53.1	U	45.3	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1360		985		2530		1770		1020		970		1250		1110		1030		1060	
Zinc	7440-66-6	ppm-Fe	9170		9060		18300		21000		15500		12800		15000		9740		14100		11800	

		Location ID	SD13E-100		SD13W-200		SDOF8-012		SNS-01		SNS-01		SNS-02		SNS-02		SNS-03		SNS-03		SNS-04	
		Sample Name	SD13E-100-035040-203		SD13W-200-000005-203		SDOF8-012-000005-103		SNS1005		SNS1051		SNS2005		SNS2051		SNS3005		SNS3051		SNS401	
		Date Collected	11/18/2003		12/2/2003		12/16/2003		11/16/2005		11/16/2005		11/16/2005		11/16/2005		11/18/2005		11/18/2005		11/16/2005	
		Depth	3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-1.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	350000		459000		377000		328000		217000		477000		504000		474000		477000		259000	
Antimony	7440-36-0	ppm-Fe	75.1		150	U	108	U	60	U	68.6	U	19.8	U	13.2	U	24.6		26.4		398	
Arsenic	7440-38-2	ppm-Fe	2250		520		489		169		126		203		157		148		372		361	
Barium	7440-39-3	ppm-Fe	7180		2130		2310		1920		1010		3930		4160		4770		4710		2700	
Beryllium	7440-41-7	ppm-Fe	23.1		22.8		15.2		1.5	U	1.8	U	36.5		24		24.6		26.4		36.1	
Cadmium	7440-43-9	ppm-Fe	38.9		15.3	U	32.7		6.2	U	7.2	U	1.8	U	1.4	U	1.3	U	1.4	U	3.7	U
Calcium	7440-70-2	ppm-Fe	109000		110000		1700000		8600000		1820000		270000		266000		316000		263000		1390000	
Chromium	7440-47-3	ppm-Fe	14100		4110		237000		2370		1820		1460		766		764		755		3310	
Cobalt	7440-48-4	ppm-Fe	262		455		978		277		181		437		419		469		463		759	
Copper	7440-50-8	ppm-Fe	10000		1980		4140		1710		1320		1370		851		876		1010		7560	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	13500		1950		4710		4170		1820		1280		623		617		595		36300	
Magnesium	7439-95-4	ppm-Fe	162000		211000		691000		718000		294000		295000		287000		285000		275000		192000	
Manganese	7439-96-5	ppm-Fe	8910		9280		16200		82000		8590		19700		23100		21000		21300		12600	
Mercury	7439-97-6	ppm-Fe	168		24.4		98.7		6.5		0	U	12.8		0	U	0.93		0	U	39.1	
Nickel	7440-02-0	ppm-Fe	1660		1070		8030		831		686		860		862		886		953		1830	
Potassium	7440-09-7	ppm-Fe	57300		53300		16500		77400		103000		104000		101000		91700		80400		61700	
Selenium	7782-49-2	ppm-Fe	72.5	U	150	U	76.2	U	169		181		36.5		71.6		75.1		66.1		40.7	U
Silver	7440-22-4	ppm-Fe	80.3		27.6	U	38.1		55.4		63.2		36.5		35.8		36.3		93.7		36.1	
Sodium	7440-23-5	ppm-Fe	162000		210000		96400		217000		231000		153000		82400		65800		31700		157000	
Thallium	7440-28-0	ppm-Fe	82.9	U	163	U	85.2	U	96.9	U	110	U	32	U	20.9	U	21.8	U	23.1	U	63	U
Titanium	7440-32-6	ppm-Fe																				
Vanadium	7440-62-2	ppm-Fe	1140		1220		2730		769		939		1040		994		1050		1130		1470	
Zinc	7440-66-6	ppm-Fe	18200		4730		29600		4830		3920		3020		2050		2220		2260		39400	

Table B-4
Iron-Normalized Inorganics

		Location ID	SNS-07		SNS-07		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01	
		Sample Name	SNS7005		SNS7051		HAB-01-00-05		HAB-01-05-15		HAB-01-103-115		HAB-01-115-135		HAB-01-135-149		HAB-01-15-25		HAB-01-25-31		HAB-01-38-55	
		Date Collected	11/16/2005		11/16/2005		3/12/2008		3/12/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008	
		Depth	0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		10.3-11.5		11.5-13.5		13.5-14.9		1.5-2.5		2.5-3.1		3.8-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	181000		326000		430000		420000		415000		426000		390000		407000		450000		453000	
Antimony	7440-36-0	ppm-Fe	93.4		18.2	U	39.9		66.3		1040		2250		3450		145		84.9		140	
Arsenic	7440-38-2	ppm-Fe	335		1900		331		434		2820		2350		2030		502		502		547	
Barium	7440-39-3	ppm-Fe	2380		3070		4720		4570		4320		2880		3140		4060		4980		5030	
Beryllium	7440-41-7	ppm-Fe	24.2		16.6		26.4		26		25.1		22.8		23		26.1		28		29	
Cadmium	7440-43-9	ppm-Fe	2.8	U	1.9	U	51.5		76.5		195		118		127		77.3		107		117	
Calcium	7440-70-2	ppm-Fe	1700000		586000		194000		161000		196000		307000		207000		162000		168000		174000	
Chromium	7440-47-3	ppm-Fe	3170		4980		2900		3430		5260		3400		6430		3680		4540		4570	
Cobalt	7440-48-4	ppm-Fe	242		317		344		316		279		287		279		290		321		323	
Copper	7440-50-8	ppm-Fe	2790		7650		3590		4380		6170		3350		4470		4610		6310		6200	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	42000		6430		3650		4600		5680		3580		4550		4550		6050		5770	
Magnesium	7439-95-4	ppm-Fe	169000		184000		266000		266000		204000		187000		216000		239000		278000		269000	
Manganese	7439-96-5	ppm-Fe	13100		13400		11800		10700		9020		6960		8400		9950		11300		11600	
Mercury	7439-97-6	ppm-Fe	46.1		0	U	79.8		102		185		95.6		123		101		103		113	
Nickel	7440-02-0	ppm-Fe	819		1200		1150		1180		1220		1060		1110		1020		1300		1210	
Potassium	7440-09-7	ppm-Fe	43800		66100		82800		78600		57500		58700		52500		76800		86300		84700	
Selenium	7782-49-2	ppm-Fe	27.5	U	116		29.4		25.5		48.8		41.2		39.8		28.5		44.3		36.7	
Silver	7440-22-4	ppm-Fe	47.8		65.8		57.7		81.6		105		48.5		61.5		91.8		133		127	
Sodium	7440-23-5	ppm-Fe	156000		145000		144000		189000		162000		115000		148000		189000		246000		229000	
Thallium	7440-28-0	ppm-Fe	42.3	U	34.5		6.8		7.1		7		5.1		4.9		6.8		8.5		8.3	
Titanium	7440-32-6	ppm-Fe					12600		11700		9760		9560		9180		11700		13000		12200	
Vanadium	7440-62-2	ppm-Fe	1630		984		1210		1210		1520		1370		1650		1220		1410		1350	
Zinc	7440-66-6	ppm-Fe	6590		8150		6380		7300		9270		5790		8480		7100		8670		8600	

Table B-4
Iron-Normalized Inorganics

		Location ID	VT-08-01		VT-08-01		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02	
		Sample Name	HAB-01-55-75		HAB-01-75-85		HAB-02-00-05		HAB-02-05-15		HAB-02-115-135		HAB-02-135-149		HAB-02-149-161		HAB-02-15-25		HAB-02-25-35		HAB-02-35-55	
		Date Collected	3/13/2008		3/13/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008	
		Depth	5.5-7.5		7.5-8.5		0.0-0.5		0.5-1.5		11.5-13.5		13.5-14.9		14.9-16.1		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	472000		461000		474000		533000		476000		472000		594000		495000		498000		495000	
Antimony	7440-36-0	ppm-Fe	177		256		603		73.4		35.3		26.9		10.9		337		115		121	
Arsenic	7440-38-2	ppm-Fe	754		779		783		649		1130		962		215		1830		1690		1860	
Barium	7440-39-3	ppm-Fe	5570		5350		3650		4940		8480		6600		2210		21600		16400		10300	
Beryllium	7440-41-7	ppm-Fe	30.2		29.1		26.8		36.7		34.9		34		33.7		35.6		31.9		37	
Cadmium	7440-43-9	ppm-Fe	174		194		75.4		116		561		387		19.9		576		514		586	
Calcium	7440-70-2	ppm-Fe	200000		194000		206000		425000		146000		174000		107000		159000		180000		176000	
Chromium	7440-47-3	ppm-Fe	6000		6900		5060		4520		19100		13500		1870		14300		15900		18300	
Cobalt	7440-48-4	ppm-Fe	328		326		309		448		383		392		368		450		425		505	
Copper	7440-50-8	ppm-Fe	7930		8410		4060		4020		15100		12100		1430		16400		16000		19500	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	7110		7790		7760		3780		21200		14600		1320		10500		9460		11600	
Magnesium	7439-95-4	ppm-Fe	259000		231000		205000		310000		220000		216000		245000		247000		251000		251000	
Manganese	7439-96-5	ppm-Fe	11900		10200		8690		18700		10200		10400		7620		9840		11300		10200	
Mercury	7439-97-6	ppm-Fe	230		233		92.5		131		301		321		10.4		744		757		724	
Nickel	7440-02-0	ppm-Fe	1270		1430		1190		1270		1550		1420		1040		2360		2130		2370	
Potassium	7440-09-7	ppm-Fe	88900		78300		56200		96100		80700		81100		102000		87700		91400		92300	
Selenium	7782-49-2	ppm-Fe	49.2		42.6		29.2		46.3		112		99.1		49.1		120		115		138	
Silver	7440-22-4	ppm-Fe	167		167		24.3		54.1		208		156		7.8		239		236		263	
Sodium	7440-23-5	ppm-Fe	231000		208000		175000		195000		242000		201000		173000		271000		272000		287000	
Thallium	7440-28-0	ppm-Fe	9.8		8.9		5.6		7.7		11.2		9.9		5.8		12.3		11.5		13.8	
Titanium	7440-32-6	ppm-Fe	12500		12200		11800		11700		10600		10600		11000		12900		12300		12500	
Vanadium	7440-62-2	ppm-Fe	1510		1660		2130		1520		1750		1780		1470		2080		1850		2040	
Zinc	7440-66-6	ppm-Fe	10500		11900		7470		6760		31200		21500		3140		21100		22600		26100	

Table B-4
Iron-Normalized Inorganics

		Location ID	VT-08-02		VT-08-02		VT-08-02		VT-08-03		VT-08-03		VT-08-03		VT-08-03		VT-08-03		VT-08-03		VT-08-03	
		Sample Name	HAB-02-55-75		HAB-02-75-92		HAB-02-93-115		HAB-03-00-05		HAB-03-05-15		HAB-03-15-25		HAB-03-25-35		HAB-03-35-55		HAB-03-55-75		HAB-03-75-95	
		Date Collected	3/14/2008		3/14/2008		3/14/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008	
		Depth	5.5-7.5		7.5-9.2		9.3-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	500000		557000		512000		477000		493000		498000		500000		481000		518000		485000	
Antimony	7440-36-0	ppm-Fe	46.1		7.9		14.6		29.9		31.4		28.3		39.6		38.9		43.8		91.9	
Arsenic	7440-38-2	ppm-Fe	1500		625		719		378		443		466		457		449		617		314	
Barium	7440-39-3	ppm-Fe	7730		4070		4950		4400		4640		4900		4820		4770		3830		3290	
Beryllium	7440-41-7	ppm-Fe	39		39.5		35.6		29.5		30.7		30		32.4		30.7		33.9		28.1	
Cadmium	7440-43-9	ppm-Fe	429		134		260		70.5		129		105		126		117		83.9		59.5	
Calcium	7440-70-2	ppm-Fe	227000		390000		210000		178000		195000		187000		266000		229000		282000		311000	
Chromium	7440-47-3	ppm-Fe	16100		5690		9110		3740		4640		4700		5000		4880		3830		2900	
Cobalt	7440-48-4	ppm-Fe	546		458		384		332		339		340		353		350		376		368	
Copper	7440-50-8	ppm-Fe	14400		5060		7120		4730		6000		6150		6220		6180		3270		2990	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	11700		4430		9110		4810		5750		6030		5900		5800		3580		2770	
Magnesium	7439-95-4	ppm-Fe	268000		324000		260000		279000		287000		281000		293000		283000		279000		284000	
Manganese	7439-96-5	ppm-Fe	11900		18500		13400		12400		13600		13700		15000		14000		16900		15200	
Mercury	7439-97-6	ppm-Fe	628		146		149		120		150		150		165		152		120		70.3	
Nickel	7440-02-0	ppm-Fe	2060		1280		1230		1170		1160		1160		1140		1240		1070		1140	
Potassium	7440-09-7	ppm-Fe	97200		108000		90700		90500		89600		87000		94200		92200		93100		90800	
Selenium	7782-49-2	ppm-Fe	99.3		55.3		74.7		40.2		46.4		44.5		39.6		38.9		29.6		24.3	
Silver	7440-22-4	ppm-Fe	206		67.2		103		104		136		142		155		145		43.8		54.1	
Sodium	7440-23-5	ppm-Fe	269000		193000		210000		233000		255000		243000		220000		231000		178000		156000	
Thallium	7440-28-0	ppm-Fe	13.5		8.7		8.9		7.9		8.9		8.9		9.7		9.2		6.9		7	
Titanium	7440-32-6	ppm-Fe	13200		12800		11500		11900		12600		12000		13000		12900		11600		12800	
Vanadium	7440-62-2	ppm-Fe	2010		1600		1600		1260		1430		1450		1480		1470		1460		1250	
Zinc	7440-66-6	ppm-Fe	20100		7790		13500		6970		8390		8380		8270		8130		5840		4800	

Table B-4
Iron-Normalized Inorganics

		Location ID	VT-08-03		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-05		VT-08-05	
		Sample Name	HAB-03-95-115		HAB-04-00-05		HAB-04-05-15		HAB-04-15-25		HAB-04-25-35		HAB-04-35-55		HAB-04-55-65		HAB-04-65-75		HAB-05-00-05		HAB-05-05-15	
		Date Collected	3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/14/2008		3/14/2008	
		Depth	9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-6.5		6.5-7.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	509000		463000		477000		481000		475000		489000		468000		462000		464000		481000	
Antimony	7440-36-0	ppm-Fe	10		27.7		32.3		28.5		29.5		50.4		122		45.5		46.2		13.9	
Arsenic	7440-38-2	ppm-Fe	100		433		473		460		464		532		639		292		400		440	
Barium	7440-39-3	ppm-Fe	2150		4700		5050		5290		5470		5540		6690		2670		5690		5690	
Beryllium	7440-41-7	ppm-Fe	27.1		28.3		29.4		29.9		30.6		31.7		31.2		33		31.5		30.6	
Cadmium	7440-43-9	ppm-Fe	9		110		115		124		122		169		251		37.9		65.4		88	
Calcium	7440-70-2	ppm-Fe	35500		191000		193000		200000		217000		272000		257000		511000		220000		243000	
Chromium	7440-47-3	ppm-Fe	1340		4500		4910		5020		5040		6290		8560		1950		3120		4000	
Cobalt	7440-48-4	ppm-Fe	321		333		333		344		349		356		373		402		408		370	
Copper	7440-50-8	ppm-Fe	983		5730		6380		6740		6800		7410		9920		1640		4640		5510	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	642		5600		5950		6150		6080		6980		8940		1420		3850		5280	
Magnesium	7439-95-4	ppm-Fe	229000		277000		289000		289000		301000		287000		262000		310000		278000		302000	
Manganese	7439-96-5	ppm-Fe	6420		12800		12800		12900		13300		14800		12500		20800		11800		12600	
Mercury	7439-97-6	ppm-Fe	2.7		180		168		172		173		227		380		45.5		92.3		125	
Nickel	7440-02-0	ppm-Fe	1000		1120		1270		1210		1330		1230		1490		989		1250		1380	
Potassium	7440-09-7	ppm-Fe	79100		86300		89600		88700		89600		91000		82900		92400		96200		94900	
Selenium	7782-49-2	ppm-Fe	15		40		43		44.7		46.8		50.4		57		20.1		56.2		64.8	
Silver	7440-22-4	ppm-Fe	2.4		130		143		151		144		169		202		18.6		67.7		111	
Sodium	7440-23-5	ppm-Fe	130000		250000		266000		255000		265000		229000		240000		119000		223000		263000	
Thallium	7440-28-0	ppm-Fe	4.9		8.3		9		9.3		9.4		9.4		9.9		6.1		7.5		8.8	
Titanium	7440-32-6	ppm-Fe	14300		11400		12800		11700		12700		12700		12600		12600		12200		11500	
Vanadium	7440-62-2	ppm-Fe	1290		1390		1330		1290		1410		1470		1660		1300		1310		1370	
Zinc	7440-66-6	ppm-Fe	2080		8230		8490		8690		8630		9890		13500		3200		7400		8380	

Table B-4
Iron-Normalized Inorganics

		Location ID	VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-06		VT-08-06	
		Sample Name	HAB-05-115-135		HAB-05-135-151		HAB-05-15-25		HAB-05-25-35		HAB-05-35-49		HAB-05-64-75		HAB-05-75-85		HAB-05-95-115		HAB-06-00-05		HAB-06-05-15	
		Date Collected	3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/13/2008		3/13/2008	
		Depth	11.5-13.5		13.5-15.1		1.5-2.5		2.5-3.5		3.5-4.9		6.4-7.5		7.5-8.5		9.5-11.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	498000		534000		463000		459000		479000		484000		482000		487000		490000		500000	
Antimony	7440-36-0	ppm-Fe	349		31.7		14		15.6		17.1		16.1		21.4		162		30		28.3	
Arsenic	7440-38-2	ppm-Fe	1030		763		504		504		597		596		646		902		357		441	
Barium	7440-39-3	ppm-Fe	6730		8350		5510		5450		6650		6210		6850		7510		4630		4850	
Beryllium	7440-41-7	ppm-Fe	32.7		38.2		30.9		29.5		31.9		31.9		32.7		31.3		30		30.1	
Cadmium	7440-43-9	ppm-Fe	258		201		110		115		190		196		245		302		66.7		95.6	
Calcium	7440-70-2	ppm-Fe	321000		422000		177000		207000		236000		236000		228000		273000		204000		193000	
Chromium	7440-47-3	ppm-Fe	8910		6550		4630		4670		6350		6320		7670		9550		3400		4340	
Cobalt	7440-48-4	ppm-Fe	393		458		353		365		388		386		393		404		343		335	
Copper	7440-50-8	ppm-Fe	9200		6630		6650		6840		9130		8910		11200		11300		4230		5700	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	8070		5740		6210		6270		7910		7750		9420		10400		4230		5550	
Magnesium	7439-95-4	ppm-Fe	280000		316000		280000		293000		288000		286000		275000		272000		300000		304000	
Manganese	7439-96-5	ppm-Fe	13900		17700		13100		12800		14000		14400		13100		13200		12100		13200	
Mercury	7439-97-6	ppm-Fe	295		305		169		160		247		239		362		408		100		154	
Nickel	7440-02-0	ppm-Fe	1440		1430		1180		1340		1380		1360		1540		1640		1230		1200	
Potassium	7440-09-7	ppm-Fe	84400		102000		89000		88500		89400		90200		88700		83000		98100		97800	
Selenium	7782-49-2	ppm-Fe	76.4		64.3		73.5		73.8		87.5		80.7		89.5		90.6		31.4		47.8	
Silver	7440-22-4	ppm-Fe	167		104		140		143		194		189		218		219		81		121	
Sodium	7440-23-5	ppm-Fe	198000		186000		272000		275000		249000		247000		238000		224000		234000		289000	
Thallium	7440-28-0	ppm-Fe	9.4		10.4		9.6		9.4		11		10.5		11.7		10.6		8.6		8.8	
Titanium	7440-32-6	ppm-Fe	11800		12500		11600		12000		11900		12000		12600		12200		13400		13200	
Vanadium	7440-62-2	ppm-Fe	1690		1610		1340		1380		1460		1470		1560		1620		1310		1350	
Zinc	7440-66-6	ppm-Fe	12900		10100		9080		9470		11500		11400		14400		15700		6710		7900	

Table B-4
Iron-Normalized Inorganics

		Location ID	VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-07		VT-08-07		VT-08-07	
		Sample Name	HAB-06-107-115		HAB-06-115-128		HAB-06-15-25		HAB-06-25-35		HAB-06-35-55		HAB-06-55-75		HAB-06-75-95		HAB-07-00-05		HAB-07-05-15		HAB-07-15-25	
		Date Collected	3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	10.7-11.5		11.5-12.8		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	502000		491000		497000		500000		491000		505000		508000		451000		446000		449000	
Antimony	7440-36-0	ppm-Fe	87.1		86.6		28.6		28.5		33		35.2		48.9		11.6		16.2		23.1	
Arsenic	7440-38-2	ppm-Fe	610		628		445		486		530		470		538		358		444		442	
Barium	7440-39-3	ppm-Fe	6520		6680		4830		5180		5880		5690		5900		3990		4980		4930	
Beryllium	7440-41-7	ppm-Fe	30.3		31		30.3		29.6		29.7		31.3		31.2		32.6		32.3		31.7	
Cadmium	7440-43-9	ppm-Fe	226		267		100		106		125		139		192		33.7		65.7		85.4	
Calcium	7440-70-2	ppm-Fe	226000		259000		186000		226000		192000		223000		201000		326000		318000		383000	
Chromium	7440-47-3	ppm-Fe	7800		8770		4450		4680		5160		5340		6470		2440		3490		3880	
Cobalt	7440-48-4	ppm-Fe	355		375		328		331		341		345		342		374		394		387	
Copper	7440-50-8	ppm-Fe	10000		10200		5760		6160		7030		7080		8530		3140		4530		4660	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	8680		9310		5520		5810		6340		6190		7670		3140		4790		4590	
Magnesium	7439-95-4	ppm-Fe	264000		265000		288000		288000		294000		281000		269000		291000		325000		284000	
Manganese	7439-96-5	ppm-Fe	12300		12000		12900		12500		12600		13200		12900		15100		15000		16100	
Mercury	7439-97-6	ppm-Fe	338		386		148		173		179		196		289		50.5		90.9		121	
Nickel	7440-02-0	ppm-Fe	1440		1640		1160		1180		1410		1160		1280		1280		1940		1330	
Potassium	7440-09-7	ppm-Fe	93700		91300		97600		97900		93900		96800		91400		103000		104000		104000	
Selenium	7782-49-2	ppm-Fe	52.3		54.2		41.4		42.3		50.2		46.3		52.6		45.3		55.6		50.3	
Silver	7440-22-4	ppm-Fe	202		202		121		134		143		149		188		57.9		96		101	
Sodium	7440-23-5	ppm-Fe	234000		250000		271000		250000		247000		233000		223000		261000		247000		214000	
Thallium	7440-28-0	ppm-Fe	10.5		10.5		9.7		9.2		9.3		9.6		10.2		6.3		7.6		8	
Titanium	7440-32-6	ppm-Fe	14000		13500		12900		13100		13300		13500		13800		13700		14800		13400	
Vanadium	7440-62-2	ppm-Fe	1660		1710		1360		1360		1430		1470		1610		1290		1370		1350	
Zinc	7440-66-6	ppm-Fe	13000		15500		8000		8200		8820		8750		10800		5580		6770		7090	

Table B-4
Iron-Normalized Inorganics

		Location ID	VT-08-07		VT-08-07		VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-09		VT-08-09	
		Sample Name	HAB-07-25-35		HAB-07-35-55		HAB-08-00-05		HAB-08-05-15		HAB-08-15-25		HAB-08-25-35		HAB-08-35-55		HAB-08-55-62		HAB-09-00-05		HAB-09-05-15	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	2.5-3.5		3.5-5.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-6.2		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	474000		391000		477000		471000		475000		504000		489000		551000		446000		461000	
Antimony	7440-36-0	ppm-Fe	27.2		3		26.3		34.4		49.8		19.6		11.1		9.2		40.9		42.9	
Arsenic	7440-38-2	ppm-Fe	563		293		481		637		677		375		444		462		1240		2000	
Barium	7440-39-3	ppm-Fe	5400		1020		5820		5750		6970		2890		2490		1570		16200		11500	
Beryllium	7440-41-7	ppm-Fe	32.4		24.2		33.8		31.1		33.8		32.1		34.3		31.1		55.8		35.4	
Cadmium	7440-43-9	ppm-Fe	150		19.5		150		250		299		85.7		34.3		9.3		286		318	
Calcium	7440-70-2	ppm-Fe	253000		83600		1090000		227000		230000		248000		88500		90900		327000		233000	
Chromium	7440-47-3	ppm-Fe	6200		1150		6930		10100		10000		4410		2320		1230		8030		9930	
Cobalt	7440-48-4	ppm-Fe	380		266		383		377		383		366		417		406		401		382	
Copper	7440-50-8	ppm-Fe	7610		848		6140		10400		10800		2880		1490		481		13900		21900	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	7840		840		8500		11400		11300		3160		1370		575		9520		10800	
Magnesium	7439-95-4	ppm-Fe	264000		182000		325000		261000		259000		270000		194000		194000		273000		258000	
Manganese	7439-96-5	ppm-Fe	14400		10800		13800		10800		11300		15100		8400		9290		13200		12700	
Mercury	7439-97-6	ppm-Fe	197		20.3		286		297		353		89.3		42.6		6.1		468		382	
Nickel	7440-02-0	ppm-Fe	1560		680		1740		1900		1800		1130		954		811		1610		1500	
Potassium	7440-09-7	ppm-Fe	101000		75400		113000		101000		101000		112000		84500		82800		97400		95000	
Selenium	7782-49-2	ppm-Fe	65.7		36.7		39.1		75.5		79.6		29.5		23.1		21.7		126		118	
Silver	7440-22-4	ppm-Fe	178		14.1		180		255		244		67		26.9		4.2		164		186	
Sodium	7440-23-5	ppm-Fe	242000		159000		402000		315000		287000		247000		153000		153000		298000		278000	
Thallium	7440-28-0	ppm-Fe	9.9		4.3		10.5		11.3		10.4		7.3		5.2		5.4		10.8		11.8	
Titanium	7440-32-6	ppm-Fe	14500		8670		16700		14700		15400		14600		10100		9720		13200		12200	
Vanadium	7440-62-2	ppm-Fe	1510		980		1560		1660		1680		1380		1320		1390		1740		1850	
Zinc	7440-66-6	ppm-Fe	10700		2290		9400		15000		14700		4990		3180		1910		16500		14900	

Table B-4
Iron-Normalized Inorganics

		Location ID	VT-08-09		VT-08-09		VT-08-09		VT-08-09		VT-08-09		VT-08-10		VT-08-10		VT-08-10		VT-08-10		VT-08-10	
		Sample Name	HAB-09-15-25		HAB-09-25-35		HAB-09-35-55		HAB-09-55-75		HAB-09-75-85		HAB-10-00-05		HAB-10-05-15		HAB-10-15-25		HAB-10-25-35		HAB-10-35-55	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-8.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	485000		478000		465000		478000		460000		558000		491000		418000		407000		417000	
Antimony	7440-36-0	ppm-Fe	106		71.2		59		55.1		37		22.3		15.7		4.9		6.5		6.7	
Arsenic	7440-38-2	ppm-Fe	1910		2060		3200		3110		2260		376		439		240		229		168	
Barium	7440-39-3	ppm-Fe	19500		12500		15500		6840		3800		3740		3650		920		606		1070	
Beryllium	7440-41-7	ppm-Fe	36.5		33.9		32.6		31.6		33.3		37.1		32.6		33.6		39.5		38.9	
Cadmium	7440-43-9	ppm-Fe	126		78		79.9		51.5		34.4		81.2		78.3		8.8		4.2		3.4	
Calcium	7440-70-2	ppm-Fe	184000		171000		133000		119000		151000		154000		159000		70400		23500		17300	
Chromium	7440-47-3	ppm-Fe	6110		6000		6980		5810		4270		2970		3110		1120		1200		1260	
Cobalt	7440-48-4	ppm-Fe	349		356		368		438		375		345		357		376		266		376	
Copper	7440-50-8	ppm-Fe	17100		12100		13800		10500		7600		3990		4610		616		523		624	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	19200		16500		15800		12000		8750		4340		3960		576		422		409	
Magnesium	7439-95-4	ppm-Fe	235000		233000		219000		214000		192000		279000		247000		199000		151000		197000	
Manganese	7439-96-5	ppm-Fe	11200		12100		10300		10700		10700		14400		15500		12400		5760		4660	
Mercury	7439-97-6	ppm-Fe	236		217		247		221		188		127		113		3.8		1.2		2.2	U
Nickel	7440-02-0	ppm-Fe	1680		1610		2290		2550		1930		1030		1140		864		817		1010	
Potassium	7440-09-7	ppm-Fe	98700		96300		94400		89300		87500		115000		101000		88800		86500		76500	
Selenium	7782-49-2	ppm-Fe	286		214		181		110		67.7		35		60.9		28.8		11		24.8	
Silver	7440-22-4	ppm-Fe	116		88.1		90.3		77.2		46.9		86.3		78.3		4.1		1.7		0.74	
Sodium	7440-23-5	ppm-Fe	240000		226000		237000		197000		170000		320000		246000		102000		74100		52000	
Thallium	7440-28-0	ppm-Fe	18.3		16.3		19.8		19.9		13.5		7.6		7		5.7		3.2		3.6	
Titanium	7440-32-6	ppm-Fe	12000		11500		11400		11000		11800		13900		12600		11500		12100		14200	
Vanadium	7440-62-2	ppm-Fe	1470		1460		1430		1340		1330		1500		1500		1130		1090		1560	
Zinc	7440-66-6	ppm-Fe	18700		15800		16000		11100		8850		5580		6390		2250		2280		2330	

Table B-4
Iron-Normalized Inorganics

		Location ID	VT-08-11		VT-08-11		VT-08-12		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13	
		Sample Name	HAB-11-00-05		HAB-11-05-10		HAB-12-00-05		HAB-13-00-05		HAB-13-05-15		HAB-13-15-25		HAB-13-25-35		HAB-13-35-55		HAB-13-55-75		HAB-13-75-95	
		Date Collected	3/11/2008		3/11/2008		3/11/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008	
		Depth	0.0-0.5		0.5-1.5		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	503000		486000		467000		426000		431000		423000		494000		492000		485000		468000	
Antimony	7440-36-0	ppm-Fe	13.9		14		38.2		12.2		39.8		58.1		33.8		41.4		26.1		11.6	
Arsenic	7440-38-2	ppm-Fe	328		418		942		609		1130		3260		3130		2970		2560		1890	
Barium	7440-39-3	ppm-Fe	2640		4080		8210		7430		15100		19500		6460		4020		3400		2670	
Beryllium	7440-41-7	ppm-Fe	27.7		32.2		30.9		30.4		29.1		30.3		30.8		29.3		29.9		29.6	
Cadmium	7440-43-9	ppm-Fe	27		37.7		106		65.2		440		526		91.3		41.4		29.5		24.6	
Calcium	7440-70-2	ppm-Fe	227000		259000		380000		530000		176000		140000		113000		100000		102000		102000	
Chromium	7440-47-3	ppm-Fe	2370		2450		5220		3290		11300		19500		6240		4770		3440		2890	
Cobalt	7440-48-4	ppm-Fe	324		349		357		417		370		361		380		383		390		366	
Copper	7440-50-8	ppm-Fe	2900		3280		7200		6170		20700		26700		13100		12200		13500		9370	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	3410		3560		8410		5350		14100		23600		15100		11700		9960		9120	
Magnesium	7439-95-4	ppm-Fe	293000		302000		301000		298000		228000		224000		230000		223000		223000		220000	
Manganese	7439-96-5	ppm-Fe	15400		19800		16100		17000		10400		9940		13100		13400		15400		18500	
Mercury	7439-97-6	ppm-Fe	47.3		47.9		203		113		713		574		414		342		284		285	
Nickel	7440-02-0	ppm-Fe	970		1020		1470		1350		1950		1660		1270		1360		1390		1130	
Potassium	7440-09-7	ppm-Fe	99700		90100		96100		93900		80400		81300		77600		75600		76100		77800	
Selenium	7782-49-2	ppm-Fe	37.2		33.6		77.3		69.6		162		190		122		94		87.1		77.5	
Silver	7440-22-4	ppm-Fe	64.2		65.1		111		87		349		248		83.7		63.9		49.2		38.7	
Sodium	7440-23-5	ppm-Fe	334000		270000		273000		289000		290000		295000		237000		206000		189000		188000	
Thallium	7440-28-0	ppm-Fe	7.8		7.5		12.1		9.1		12.8		17.4		12.9		11.3		10.2		7.8	
Titanium	7440-32-6	ppm-Fe	12200		13000		15300		12500		13500		13800		11700		11400		11300		10100	
Vanadium	7440-62-2	ppm-Fe	1250		1460		1610		1370		1720		1600		1260		1170		1220		1240	
Zinc	7440-66-6	ppm-Fe	5200		5380		9860		7960		23400		24700		15000		13000		9730		8520	

Table B-4
Iron-Normalized Inorganics

		Location ID	VT-08-13		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14	
		Sample Name	HAB-13-95-103		HAB-14-00-05		HAB-14-05-15		HAB-14-115-135		HAB-14-135-155		HAB-14-15-25		HAB-14-25-35		HAB-14-35-55		HAB-14-55-75		HAB-14-75-95	
		Date Collected	3/5/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	9.5-10.3		0.0-0.5		0.5-1.5		11.5-13.5		13.5-15.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	514000		475000		476000		486000		473000		507000		531000		513000		500000		506000	
Antimony	7440-36-0	ppm-Fe	5.8		50.4		51.1		89.1		108		79.1		74.4		79.1		227		141	
Arsenic	7440-38-2	ppm-Fe	1090		831		869		2960		3150		1000		1110		1940		3600		3530	
Barium	7440-39-3	ppm-Fe	1830		9610		10500		13100		16600		22300		15000		46500		35600		13200	
Beryllium	7440-41-7	ppm-Fe	35.4		32.6		31		37.4		34.9		34		35.6		34.8		35		35.3	
Cadmium	7440-43-9	ppm-Fe	14.8		306		351		586		667		484		612		652		919		696	
Calcium	7440-70-2	ppm-Fe	72800		166000		154000		155000		141000		165000		215000		248000		199000		187000	
Chromium	7440-47-3	ppm-Fe	1940		9080		12500		23800		16500		12000		13600		13600		21500		21100	
Cobalt	7440-48-4	ppm-Fe	835		338		358		339		359		367		414		402		454		439	
Copper	7440-50-8	ppm-Fe	4240		15400		18500		29000		30500		23000		28400		22700		30700		25500	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	4940		12000		13000		19400		22500		14600		16100		12400		15200		15800	
Magnesium	7439-95-4	ppm-Fe	251000		251000		249000		224000		210000		250000		265000		268000		242000		243000	
Manganese	7439-96-5	ppm-Fe	14900		10400		9360		9830		9020		9910		10500		11600		9460		9680	
Mercury	7439-97-6	ppm-Fe	173		457		588		733		587		1400		689		1310		1820		1210	
Nickel	7440-02-0	ppm-Fe	1580		1690		1860		1610		1860		1870		2010		2000		3560		2370	
Potassium	7440-09-7	ppm-Fe	70800		95800		92700		90500		89800		96700		101000		98400		93100		92600	
Selenium	7782-49-2	ppm-Fe	53.5		113		121		175		200		158		188		171		223		179	
Silver	7440-22-4	ppm-Fe	17.3		291		307		293		276		349		327		291		365		314	
Sodium	7440-23-5	ppm-Fe	151000		350000		374000		249000		228000		323000		343000		301000		319000		302000	
Thallium	7440-28-0	ppm-Fe	5.4		14.2		14.1		14.9		16.2		13		12.9		13		16.9		17	
Titanium	7440-32-6	ppm-Fe	10600		14400		13700		13800		12800		15900		14500		14400		15200		14800	
Vanadium	7440-62-2	ppm-Fe	1170		1850		1950		1930		1600		2110		1880		1970		2770		2380	
Zinc	7440-66-6	ppm-Fe	5930		18900		20200		23100		24500		21900		25000		24600		38400		30700	

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Iron-Normalized Inorganics

		Location ID	VT-08-14		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15	
		Sample Name	HAB-14-95-115		HAB-15-00-05		HAB-15-05-15		HAB-15-115-135		HAB-15-15-25		HAB-15-25-35		HAB-15-35-55		HAB-15-55-75		HAB-15-75-95		HAB-15-95-115	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	9.5-11.5		0.0-0.5		0.5-1.5		11.5-13.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	500000		469000		478000		455000		481000		502000		523000		509000		477000		502000	
Antimony	7440-36-0	ppm-Fe	76.4		25.9		43.8		59.6		55.7		73.6		71		49.5		94.2		48.4	
Arsenic	7440-38-2	ppm-Fe	2070		503		819		2660		958		1090		1080		1670		2830		2050	
Barium	7440-39-3	ppm-Fe	9460		5850		9000		12900		12600		27900		18200		34200		24500		9240	
Beryllium	7440-41-7	ppm-Fe	38.2		34		34.4		34.5		32.4		34.2		35.5		35.3		35.7		38.1	
Cadmium	7440-43-9	ppm-Fe	494		85		331		592		422		610		606		572		695		471	
Calcium	7440-70-2	ppm-Fe	207000		216000		179000		150000		175000		201000		220000		301000		213000		228000	
Chromium	7440-47-3	ppm-Fe	15300		4010		11000		20600		13100		14200		13300		13000		18300		16300	
Cobalt	7440-48-4	ppm-Fe	379		361		356		348		362		390		416		424		422		384	
Copper	7440-50-8	ppm-Fe	18900		6730		17200		27100		21600		26500		28000		21900		23400		19700	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	12700		6220		11800		19500		13600		15700		15800		12000		13900		14100	
Magnesium	7439-95-4	ppm-Fe	251000		304000		251000		226000		249000		262000		266000		286000		247000		266000	
Manganese	7439-96-5	ppm-Fe	11800		14700		10900		10300		10100		10600		10900		13400		10500		12700	
Mercury	7439-97-6	ppm-Fe	618		143		547		520		808		1590		745		1060		951		484	
Nickel	7440-02-0	ppm-Fe	1680		1530		1740		1670		1920		2060		1980		1950		2320		1550	
Potassium	7440-09-7	ppm-Fe	95900		99300		92500		86800		95100		95200		94500		94300		88300		93800	
Selenium	7782-49-2	ppm-Fe	121		68		122		166		150		177		171		173		166		131	
Silver	7440-22-4	ppm-Fe	245		126		313		298		376		390		339		286		302		249	
Sodium	7440-23-5	ppm-Fe	241000		332000		347000		276000		366000		331000		321000		283000		298000		263000	
Thallium	7440-28-0	ppm-Fe	12.7		8.2		11.9		14.1		12.5		13.9		11.9		13.4		14.3		12.8	
Titanium	7440-32-6	ppm-Fe	13500		12900		13500		12200		14500		15200		13200		12800		13200		12800	
Vanadium	7440-62-2	ppm-Fe	2140		1450		1860		1690		1960		2100		1890		2050		2370		1900	
Zinc	7440-66-6	ppm-Fe	19500		8840		18000		21600		20700		24800		23200		23400		26900		18600	

Table B-4
Iron-Normalized Inorganics

		Location ID	VT-08-16		VT-08-16		VT-08-16		VT-08-16		VT-08-16		VT-08-16		VT-08-17		VT-08-17		VT-08-17		VT-08-17	
		Sample Name	HAB-16-00-05		HAB-16-05-15		HAB-16-15-25		HAB-16-25-35		HAB-16-35-55		HAB-16-55-75		HAB-17-00-05		HAB-17-05-15		HAB-17-15-25		HAB-17-25-35	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	474000		455000		449000		464000		455000		477000		470000		443000		432000		440000	
Antimony	7440-36-0	ppm-Fe	30.4		26.9		65.2		82.1		83.9		33.1		26.5		37.9		39.6		29.1	
Arsenic	7440-38-2	ppm-Fe	743		889		1880		2840		2310		3190		1010		1500		1390		1080	
Barium	7440-39-3	ppm-Fe	8780		9450		13200		25200		18100		7540		9640		10600		24400		16100	
Beryllium	7440-41-7	ppm-Fe	35.7		35.2		36.2		34.6		33.6		31.7		33.1		32.2		31.7		38.8	
Cadmium	7440-43-9	ppm-Fe	109		123		453		282		112		56.9		328		341		568		476	
Calcium	7440-70-2	ppm-Fe	233000		254000		187000		171000		193000		131000		125000		319000		184000		185000	
Chromium	7440-47-3	ppm-Fe	4430		4940		11900		9960		6920		7120		8310		9810		14000		12300	
Cobalt	7440-48-4	ppm-Fe	391		379		362		354		350		420		387		455		406		401	
Copper	7440-50-8	ppm-Fe	7830		8850		22400		22100		17500		10900		18000		13800		25900		23200	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	6700		7870		16800		20000		21500		13000		13600		8980		16400		15100	
Magnesium	7439-95-4	ppm-Fe	296000		290000		261000		243000		234000		227000		232000		284000		232000		234000	
Manganese	7439-96-5	ppm-Fe	15200		14800		11600		10700		11900		11200		11000		15300		10700		10300	
Mercury	7439-97-6	ppm-Fe	161		190		355		425		224		149		411		492		987		871	
Nickel	7440-02-0	ppm-Fe	1330		1380		1750		1640		1730		2730		1800		1980		2200		2170	
Potassium	7440-09-7	ppm-Fe	105000		102000		90900		88200		86400		85100		89700		94300		77600		80900	
Selenium	7782-49-2	ppm-Fe	82.6		87		156		250		290		128		166		110		198		184	
Silver	7440-22-4	ppm-Fe	100		115		221		171		115		85.4		305		144		376		366	
Sodium	7440-23-5	ppm-Fe	353000		353000		318000		258000		223000		214000		303000		294000		283000		277000	
Thallium	7440-28-0	ppm-Fe	10		9.5		12.7		17.9		17.1		19.6		11.9		11		13.5		12.9	
Titanium	7440-32-6	ppm-Fe	12700		12500		12000		11300		10200		9930		14500		13500		13800		13800	
Vanadium	7440-62-2	ppm-Fe	1390		1430		1780		1540		1370		1310		1860		2030		1790		1790	
Zinc	7440-66-6	ppm-Fe	9480		10200		20100		20900		19400		12300		18500		16100		27000		25400	

Table B-4
Iron-Normalized Inorganics

		Location ID	VT-08-17		VT-08-18		VT-08-18		VT-08-19		VT-08-19		VT-08-19		VT-08-20		VT-08-20		VT-08-20		VT-08-20	
		Sample Name	HAB-17-35-43		HAB-18-00-05		HAB-18-05-15		HAB-19-00-05		HAB-19-05-15		HAB-19-15-25		HAB-20-00-05		HAB-20-05-15		HAB-20-15-25		HAB-20-25-35	
		Date Collected	3/5/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008	
		Depth	3.5-4.3		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	525000		438000		449000		369000		239000		227000		449000		438000		472000		437000	
Antimony	7440-36-0	ppm-Fe	33.8		35.7		102		18.7		1.6		2		59.8		47.4		46.9		96.2	
Arsenic	7440-38-2	ppm-Fe	1930		853		2600		537		145		477		1770		1460		1430		3000	
Barium	7440-39-3	ppm-Fe	40100		11500		15300		3940		954		1860		13300		13400		7280		15200	
Beryllium	7440-41-7	ppm-Fe	42.6		30.9		31.3		30.4		17.2		19.3		31.9		32.1		34.4		32.1	
Cadmium	7440-43-9	ppm-Fe	642		246		705		57.2		7.9		6.3		392		314		306		647	
Calcium	7440-70-2	ppm-Fe	181000		279000		168000		127000		48500		46400		260000		297000		238000		145000	
Chromium	7440-47-3	ppm-Fe	12300		6510		22600		2480		617		818		11100		8870		9910		19500	
Cobalt	7440-48-4	ppm-Fe	750		412		349		397		231		278		402		405		388		353	
Copper	7440-50-8	ppm-Fe	25000		12000		30100		2720		257		239		17200		15200		12400		28500	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	14600		9380		23400		2610		198		227		10900		9930		9160		22300	
Magnesium	7439-95-4	ppm-Fe	265000		266000		226000		214000		116000		116000		253000		258000		250000		218000	
Manganese	7439-96-5	ppm-Fe	9850		15100		10200		21800		5280		5640		12900		14400		13600		10400	
Mercury	7439-97-6	ppm-Fe	1010		246		767		70.1		1.1		2.3		631		536		297		548	
Nickel	7440-02-0	ppm-Fe	2700		1430		1710		783		416		466		1850		1690		1350		1650	
Potassium	7440-09-7	ppm-Fe	92200		94500		82700		90000		42900		45100		92000		94200		92200		85100	
Selenium	7782-49-2	ppm-Fe	206		69.9		151		32.7		22.1		15.9		86.4		80.3		65.6		155	
Silver	7440-22-4	ppm-Fe	284		132		298		30.4		1.3		1.4		179		157		150		262	
Sodium	7440-23-5	ppm-Fe	256000		278000		290000		215000		117000		102000		269000		252000		224000		271000	
Thallium	7440-28-0	ppm-Fe	13.7		11.4		15.3		8.9		3		3		11.3		10.9		10.3		14.3	
Titanium	7440-32-6	ppm-Fe	14700		13200		13800		11200		6600		7670		14000		13800		12700		13300	
Vanadium	7440-62-2	ppm-Fe	2440		1580		1820		1230		927		1020		2150		1970		1970		1670	
Zinc	7440-66-6	ppm-Fe	27100		12300		27400		3980		1170		1060		16600		14200		13100		24000	

Table B-4
Iron-Normalized Inorganics

		Location ID	VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-21		VT-08-21		VT-08-22		VT-08-22		VT-08-22		VT-08-22	
		Sample Name	HAB-20-35-55		HAB-20-55-75		HAB-20-75-95		HAB-20-95-115		HAB-21-00-05		HAB-21-05-15		HAB-22-00-05		HAB-22-05-15		HAB-22-15-25		HAB-22-25-35	
		Date Collected	3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)																						
Aluminum	7429-90-5	ppm-Fe	468000		441000		431000		421000		453000		408000		476000		511000		485000		460000	
Antimony	7440-36-0	ppm-Fe	84.1		122		135		137		22.3		25.9		54.9		46.1		65.9		80	
Arsenic	7440-38-2	ppm-Fe	3450		5190		6940		2640		425		507		1680		2260		2960		3090	
Barium	7440-39-3	ppm-Fe	26000		23500		29000		28700		5750		7520		13200		9150		12500		15800	
Beryllium	7440-41-7	ppm-Fe	33		34.8		33.6		34.3		32		29.3		33.3		39		35.9		36.7	
Cadmium	7440-43-9	ppm-Fe	351		522		532		280		52.6		71.4		374		450		584		677	
Calcium	7440-70-2	ppm-Fe	224000		145000		126000		195000		281000		245000		454000		253000		157000		185000	
Chromium	7440-47-3	ppm-Fe	13800		20800		17600		7570		2950		3180		10800		11600		19300		31300	
Cobalt	7440-48-4	ppm-Fe	378		345		346		364		352		364		396		415		347		363	
Copper	7440-50-8	ppm-Fe	22100		32500		30600		22200		5470		5950		16000		16700		29200		33700	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	17500		29000		24700		20500		5260		5650		11600		10400		19000		22700	
Magnesium	7439-95-4	ppm-Fe	253000		211000		202000		214000		269000		264000		268000		278000		233000		251000	
Manganese	7439-96-5	ppm-Fe	12200		9590		9270		11400		13600		15800		11700		13500		9910		10700	
Mercury	7439-97-6	ppm-Fe	541		658		725		396		97.2		102		568		585		668		637	
Nickel	7440-02-0	ppm-Fe	1580		1690		1480		1410		1190		1160		1770		1660		1640		1840	
Potassium	7440-09-7	ppm-Fe	99400		86400		79200		83500		106000		94600		101000		98600		90400		87300	
Selenium	7782-49-2	ppm-Fe	147		217		226		237		60.7		37.4		125		121		171		207	
Silver	7440-22-4	ppm-Fe	210		275		239		143		76.9		74.8		194		181		275		290	
Sodium	7440-23-5	ppm-Fe	232000		250000		234000		217000		366000		322000		388000		263000		280000		301000	
Thallium	7440-28-0	ppm-Fe	13.5		17.7		17.7		16.8		7.7		8.5		12.1		11.7		15		16.3	
Titanium	7440-32-6	ppm-Fe	13800		13200		13200		11700		13200		12900		13200		12600		12800		12400	
Vanadium	7440-62-2	ppm-Fe	1460		1410		1240		1410		1390		1430		2110		2230		2040		1890	
Zinc	7440-66-6	ppm-Fe	17300		23400		23300		18700		8700		8230		19800		17500		24200		27500	

Table B-4
Iron-Normalized Inorganics

		Location ID	VT-08-22		VT-08-22		VT-08-22		VT-08-22	
		Sample Name	HAB-22-35-55		HAB-22-55-75		HAB-22-75-95		HAB-22-95-107	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.7	
		depth_unit	ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals (Normalized to Iron)										
Aluminum	7429-90-5	ppm-Fe	478000		459000		480000		454000	
Antimony	7440-36-0	ppm-Fe	39.6		73.2		43.3		3.3	
Arsenic	7440-38-2	ppm-Fe	1310		3080		1550		354	
Barium	7440-39-3	ppm-Fe	7300		13700		9920		1180	
Beryllium	7440-41-7	ppm-Fe	33.8		35		33.1		28.4	
Cadmium	7440-43-9	ppm-Fe	317		653		378		14	
Calcium	7440-70-2	ppm-Fe	136000		149000		117000		77300	
Chromium	7440-47-3	ppm-Fe	9890		20100		10000		1100	
Cobalt	7440-48-4	ppm-Fe	353		369		343		301	
Copper	7440-50-8	ppm-Fe	13300		30000		17500		729	
Iron	7439-89-6	ppm-Fe	1000000		1000000		1000000		1000000	
Lead	7439-92-1	ppm-Fe	10100		21200		13900		1010	
Magnesium	7439-95-4	ppm-Fe	242000		231000		231000		220000	
Manganese	7439-96-5	ppm-Fe	11000		10000		10500		11700	
Mercury	7439-97-6	ppm-Fe	349		627		276		14.4	
Nickel	7440-02-0	ppm-Fe	1380		1790		1360		764	
Potassium	7440-09-7	ppm-Fe	85600		87300		88200		84300	
Selenium	7782-49-2	ppm-Fe	115		188		154		52.4	
Silver	7440-22-4	ppm-Fe	158		268		154		5.2	
Sodium	7440-23-5	ppm-Fe	264000		282000		238000		166000	
Thallium	7440-28-0	ppm-Fe	10.1		15.3		10.6		5.7	
Titanium	7440-32-6	ppm-Fe	12000		13100		11700		10300	
Vanadium	7440-62-2	ppm-Fe	1920		1810		1590		1060	
Zinc	7440-66-6	ppm-Fe	14400		25200		14700		2210	

Table B-5
TOC-Normalized Organotins

		Location ID	12A-0401-C1		12A-0401-C2		12A-0401-C2		12A-0402-C3		12A-0402-C4		12A-0402-C4		12A-0403-C1		12A-0403-C1		12A-0403-C3		12A-0404-C3		12A-0404-C3	
		Sample Name	12A-0401-C1AS		12A-0401-C2BS		12A-0401-C2CS		12A-0402-C3AS		12A-0402-C4BS		12A-0402-C4CS		12A-0403-C1BS		12A-0403-C1CS		12A-0403-C3AS		12A-0404-C3AS		12A-0404-C3BS	
		Date Collected	2/9/2012		2/9/2012		2/9/2012		2/8/2012		2/8/2012		2/8/2012		2/7/2012		2/7/2012		2/7/2012		2/1/2012		2/1/2012	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.0-0.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	900		210		120	U	370		360		430		110		90	U	940		1000		730	
Monobutyltin	78763-54-9	ppb-TOC	490		110		120	U	95		330		140		32		90	U	330		390		34	
Tetrabutyltin	1461-25-2	ppb-TOC	52	U	97	U	120	U	31	U	30	U	30	U	56	U	90	U	57		41	U	62	
Tributyltin	688-73-3	ppb-TOC	410		130		120	U	150		130		210		39		90	U	490		410		490	

Table B-5
TOC-Normalized Organotins

		Location ID	12A-0404-C3		12A-0405-C2		12A-0405-C2		12A-0405-C3		12A-0406-C2		12A-0406-C2		12A-0406-C3		12A-0407-C2		12A-0407-C3		12A-0407-C3		12A-0408-C1	
		Sample Name	12A-0404-C3CS		12A-0405-C2BS		12A-0405-C2CS		12A-0405-C3AS		12A-0406-C2BS		12A-0406-C2CS		12A-0406-C3AS		12A-0407-C2AS		12A-0407-C3BS		12A-0407-C3CS		12A-0408-C1AS	
		Date Collected	2/1/2012		2/1/2012		2/1/2012		2/1/2012		1/28/2012		1/28/2012		1/28/2012		1/26/2012		1/26/2012		1/26/2012		2/3/2012	
		Depth	1.5-2.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	93	U	700		1100		620		2300		2800		530		610		1000		280		1200	
Monobutyltin	78763-54-9	ppb-TOC	93	U	330		770		160		760		860		350		380		700		70		260	
Tetrabutyltin	1461-25-2	ppb-TOC	93	U	40	U	42	U	20	U	68		75		20	U	43	U	43	U	56	U	50	
Tributyltin	688-73-3	ppb-TOC	93	U	190		340		180		910		1500		170		210		400		140		530	

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TOC-Normalized Organotins

		Location ID	12A-0408-C3		12A-0408-C3		12A-0409-C7		12A-0409-C7		12A-0409-C8		12A-0410-C2		12A-0410-C2		12A-0410-C3		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001	
		Sample Name	12A-0408-C3BS		12A-0408-C3CS		12A-0409-C7BS		12A-0409-C7CS		12A-0409-C8AS		12A-0410-C2BS		12A-0410-C2CS		12A-0410-C3AS		08A-001-C1_(11.5-13.5)_N		08A-001-C1_(13.5-15.5)_N		08A-001-C1_(15.5-17.5)_N	
		Date Collected	2/3/2012		2/3/2012		2/6/2012		2/6/2012		2/6/2012		2/6/2012		2/6/2012		2/6/2012		11/20/2008		11/20/2008		11/20/2008	
		Depth	0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		11.5-13.5		13.5-15.5		15.5-17.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	2100		1500		670		650		600		2300		1100		3600		1800		2000		2000	
Monobutyltin	78763-54-9	ppb-TOC	1100		860		290		310		190		950		700		610		1200		1700		2800	
Tetrabutyltin	1461-25-2	ppb-TOC	180		350		35	U	25	U	34	U	160		270		52		110		140		160	
Tributyltin	688-73-3	ppb-TOC	1500		1100		250		150		190		1600		900		1200		730		750		1100	

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TOC-Normalized Organotins

		Location ID	2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-002		2008 CLRC-002	
		Sample Name	08A-001-C1_(5.5-7.5)_N		08A-001-C1_(7.5-9.5)_N		08A-001-C1_(9.5-11.5)_N		08A-001-C2_(0.5-1.5)_N		08A-001-C2_(0-0.5)_N		08A-001-C2_(1.5-2.5)_N		08A-001-C2_(2.5-3.5)_N		08A-001-C2_(3.5-5.5)_N		08A-002-C1_(0.5-1.5)_N		08A-002-C1_(2.5-3.5)_N	
		Date Collected	11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/11/2008		11/11/2008	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		1.5-2.5		2.5-3.5		3.5-5.5		0.5-1.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																						
Dibutyltin	1191-48-6	ppb-TOC	1100		1200		1300		1600		740		1900		1000		730		57	U	570	U
Monobutyltin	78763-54-9	ppb-TOC	680		690		1200		900		560		1200		1200		300		21		570	U
Tetrabutyltin	1461-25-2	ppb-TOC	41		36		64		52		83	U	64		78		60	U	57	U	570	U
Tributyltin	688-73-3	ppb-TOC	600		510		790		1000		470		1300		1400		430		57	U	570	U

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TOC-Normalized Organotins

		Location ID	2008 CLRC-002		2008 CLRC-002		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-004	
		Sample Name	08A-002-C2_(0-0.5)_N		08A-002-C2_(1.5-2.5)_N		08A-003-C1_(0.5-1.5)_N		08A-003-C1_(1.5-2.5)_N		08A-003-C1_(3.5-5.5)_N		08A-003-C1_(5.5-7.5)_N		08A-003-C1_(7.5-9.5)_N		08A-003-C2_(0-0.5)_N		08A-003-C2_(2.5-3.5)_N		08A-004-C1_(1.5-2.5)_N	
		Date Collected	11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/25/2008	
		Depth	0.0-0.5		1.5-2.5		0.5-1.5		1.5-2.5		3.5-5.5		5.5-7.5		7.5-9.5		0.0-0.5		2.5-3.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																						
Dibutyltin	1191-48-6	ppb-TOC	79	U	97	U	820		68	U	81	U	230	U	370	U	790		69	U	990	
Monobutyltin	78763-54-9	ppb-TOC	59		97	U	310		68	U	35		230	U	370	U	380		69	U	430	
Tetrabutyltin	1461-25-2	ppb-TOC	79	U	97	U	86	U	68	U	81	U	230	U	370	U	62	U	69	U	64	U
Tributyltin	688-73-3	ppb-TOC	79	U	97	U	710		68	U	81	U	230	U	370	U	470		69	U	830	

		Location ID	2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004	
		Sample Name	08A-004-C1_(11.5-13.5)_N		08A-004-C1_(13.5-15.5)_N		08A-004-C1_(15.5-17.5)_N		08A-004-C1_(17.5-19.1)_N		08A-004-C1_(3.5-5.5)_N		08A-004-C1_(5.5-7.5)_N		08A-004-C1_(7.5-9.5)_N		08A-004-C1_(9.5-11.5)_N		08A-004-C2_(0.5-1.5)_N		08A-004-C2_(0-0.5)_N	
		Date Collected	11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.1		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																						
Dibutyltin	1191-48-6	ppb-TOC	2600		2500		2600		1900		1500		2300		3300		2900		1000		770	
Monobutyltin	78763-54-9	ppb-TOC	1000		1100		1300		420		550		1100		1600		1400		490		280	
Tetrabutyltin	1461-25-2	ppb-TOC	110		150		110		140		67	U	77		88		83		65	U	75	U
Tributyltin	688-73-3	ppb-TOC	1300		1000		760		840		950		1500		1200		1000		650		600	

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TOC-Normalized Organotins

		Location ID	2008 CLRC-004		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-006	
		Sample Name	08A-004-C2_(2.5-3.5)_N		08A-005-C1_(1.5-2.5)_N		08A-005-C1_(3.5-5.5)_N		08A-005-C1_(5.5-7.5)_N		08A-005-C1_(7.5-9.5)_N		08A-005-C1_(9.5-11.5)_N		08A-005-C2_(0.5-1.5)_N		08A-005-C2_(0-0.5)_N		08A-005-C2_(2.5-3.5)_N		08A-006-C1_(11.5-13.5)_N	
		Date Collected	11/25/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/18/2008	
		Depth	2.5-3.5		1.5-2.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		2.5-3.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																						
Dibutyltin	1191-48-6	ppb-TOC	1100		920		1800		1200		4400		3200		730		770		710		66	
Monobutyltin	78763-54-9	ppb-TOC	630		450		1300		580		1700		1200		430		570		130		33	
Tetrabutyltin	1461-25-2	ppb-TOC	69	U	28		62		41		190		220		40	U	57	U	39	U	96	U
Tributyltin	688-73-3	ppb-TOC	1100		470		1000		440		1500		970		350		350		370		44	

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TOC-Normalized Organotins

		Location ID	2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006	
		Sample Name	08A-006-C1_(13.5-15.5)_N		08A-006-C1_(15.5-16.9)_N		08A-006-C1_(3.5-5.5)_N		08A-006-C1_(5.5-7.5)_N		08A-006-C1_(7.5-9.5)_N		08A-006-C1_(9.5-11.5)_N		08A-006-C2_(0.5-1.5)_N		08A-006-C2_(0-0.5)_N		08A-006-C2_(1.5-2.5)_N	
		Date Collected	11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008	
		Depth	13.5-15.5		15.5-16.9		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																				
Dibutyltin	1191-48-6	ppb-TOC	91	U	210		71		36		460		200		2500		1300		2400	
Monobutyltin	78763-54-9	ppb-TOC	91	U	110		65		100	U	260		140		1300		750		1100	
Tetrabutyltin	1461-25-2	ppb-TOC	91	U	100	U	100	U	100	U	97	U	99	U	62		58	U	76	
Tributyltin	688-73-3	ppb-TOC	91	U	130		100	U	100	U	260		130		1800		800		1600	

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TOC-Normalized Organotins

		Location ID	2008 CLRC-006		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007	
		Sample Name	08A-006-C2_(2.5-3.5)_N		08A-007-C1_(0-0.5)_N		08A-007-C1_(1.5-2.5)_N		08A-007-C1_(2.5-3.5)_N		08A-007-C2_(0.5-1.5)_N		08A-007-C2_(11.5-13.5)_N		08A-007-C2_(13.5-15.5)_N		08A-007-C2_(15.5-17.5)_N		08A-007-C2_(3.5-5.5)_N	
		Date Collected	11/18/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008	
		Depth	2.5-3.5		0.0-0.5		1.5-2.5		2.5-3.5		0.5-1.5		11.5-13.5		13.5-15.5		15.5-17.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																				
Dibutyltin	1191-48-6	ppb-TOC	2300		1400		1800		1700		2500		100	U	67		50		71	U
Monobutyltin	78763-54-9	ppb-TOC	1300		690		1000		1200		1400		100	U	120	U	34		71	U
Tetrabutyltin	1461-25-2	ppb-TOC	75	U	30		65		52		99		100	U	120	U	120	U	71	U
Tributyltin	688-73-3	ppb-TOC	1200		660		970		720		1600		100	U	48		120	U	71	U

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TOC-Normalized Organotins

		Location ID	2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008	
		Sample Name	08A-007-C2_(5.5-7.5)_N		08A-007-C2_(7.5-9.5)_N		08A-007-C2_(9.5-11.5)_N		08A-008-C1_(0.5-1.5)_N		08A-008-C1_(11.5-13.5)_N		08A-008-C1_(13.5-15.5)_N		08A-008-C1_(5.5-7.5)_N		08A-008-C1_(7.5-9.5)_N		08A-008-C1_(9.5-11.5)_N	
		Date Collected	11/19/2008		11/19/2008		11/19/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		11.5-13.5		13.5-15.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																				
Dibutyltin	1191-48-6	ppb-TOC	72		190		190		1300		2700		1100		1500		2300		4100	
Monobutyltin	78763-54-9	ppb-TOC	61		100		110		750		1700		680		640		1400		2000	
Tetrabutyltin	1461-25-2	ppb-TOC	110	U	110	U	93	U	54	U	180		520		91		130		300	
Tributyltin	688-73-3	ppb-TOC	110	U	120		110		540		910		940		590		980		1800	

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TOC-Normalized Organotins

		Location ID	2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009	
		Sample Name	08A-008-C2_(0-0.5)_N		08A-008-C2_(1.5-2.5)_N		08A-008-C2_(2.5-3.5)_N		08A-008-C2_(3.5-5.5)_N		08A-009-C1_(0.5-1.5)_N		08A-009-C1_(0-0.5)_N		08A-009-C1_(2.5-3.5)_N		08A-009-C3_(1.5-2.5)_N		08A-009-C3_(11.5-12.6)_N	
		Date Collected	11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008	
		Depth	0.0-0.5		1.5-2.5		2.5-3.5		3.5-5.5		0.5-1.5		0.0-0.5		2.5-3.5		1.5-2.5		11.5-12.6	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																				
Dibutyltin	1191-48-6	ppb-TOC	730		1100		1000		1500		520		860		1400		1200		1800	
Monobutyltin	78763-54-9	ppb-TOC	530		570		490		790		260		180		130		360		490	
Tetrabutyltin	1461-25-2	ppb-TOC	64	U	60	U	61	U	54		34	U	52	U	30		53	U	72	
Tributyltin	688-73-3	ppb-TOC	620		620		720		800		250		450		520		630		810	

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TOC-Normalized Organotins

		Location ID	2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010	
		Sample Name	08A-009-C3_(3.5-5.5)_N		08A-009-C3_(5.5-7.5)_N		08A-009-C3_(7.5-9.5)_N		08A-009-C3_(9.5-11.5)_N		08A-010-C1_(0.5-1.5)_N		08A-010-C1_(0-0.5)_N		08A-010-C1_(1.5-2.5)_N		08A-010-C1_(2.5-3.5)_N		08A-010-C1_(3.5-5.5)_N		08A-010-C1_(5.5-7.5)_N	
		Date Collected	11/10/2008		11/10/2008		11/10/2008		11/10/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																						
Dibutyltin	1191-48-6	ppb-TOC	1500		2000		3600		1200		530		4600		660		880		1500		1600	
Monobutyltin	78763-54-9	ppb-TOC	540		870		1200		380		160		1400		290		320		660		310	
Tetrabutyltin	1461-25-2	ppb-TOC	33		78		160		92		45	U	48	U	32		43	U	39		39	
Tributyltin	688-73-3	ppb-TOC	520		970		1400		580		260		350		300		500		590		640	

		Location ID	2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011	
		Sample Name	08A-010-C2_(11.5-13.5)_N		08A-010-C2_(13.5-15.5)_N		08A-010-C2_(15.5-17.5)_N		08A-010-C2_(17.5-19.5)_N		8A-010-C2_(19.5-21.75)_		08A-010-C2_(7.5-9.5)_N		08A-010-C2_(9.5-11.5)_N		08A-011-C1_(1.5-2.5)_N		08A-011-C1_(11.5-13.5)_N		08A-011-C1_(13.5-15.5)_N	
		Date Collected	12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		11/13/2008		11/13/2008		11/13/2008	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.8		7.5-9.5		9.5-11.5		1.5-2.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																						
Dibutyltin	1191-48-6	ppb-TOC	3800		3900		2100		3400		2500		2000		4100		160	U	110	U	150	U
Monobutyltin	78763-54-9	ppb-TOC	1800		670		1700		1700		960		390		1400		160	U	110	U	150	U
Tetrabutyltin	1461-25-2	ppb-TOC	120		130		68		110		53		62		150		160	U	110	U	150	U
Tributyltin	688-73-3	ppb-TOC	1600		1800		1100		1700		1000		600		1800		160	U	110	U	150	U

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TOC-Normalized Organotins

		Location ID	2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-012		2008 CLRC-012	
		Sample Name	08A-011-C1_(15.5-17.5)_N		08A-011-C1_(17.5-19.5)_N		08A-011-C1_(3.5-5.5)_N		08A-011-C1_(7.5-9.5)_N		08A-011-C2_(0.5-1.5)_N		08A-011-C2_(0-0.5)_N		08A-011-C2_(5.5-7.5)_N		08A-012-C1_(11.5-13.5)_N		08A-012-C1_(2.5-3.75)_N	
		Date Collected	11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		12/4/2008		12/4/2008	
		Depth	15.5-17.5		17.5-19.5		3.5-5.5		7.5-9.5		0.5-1.5		0.0-0.5		5.5-7.5		11.5-13.5		2.5-3.8	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																				
Dibutyltin	1191-48-6	ppb-TOC	130	U	150	U	120	U	130	U	36		950		160	U	3700		1900	
Monobutyltin	78763-54-9	ppb-TOC	130	U	150	U	120	U	130	U	140	U	450		160	U	1300		1200	
Tetrabutyltin	1461-25-2	ppb-TOC	130	U	150	U	120	U	130	U	140	U	33		160	U	190		63	
Tributyltin	688-73-3	ppb-TOC	130	U	150	U	120	U	130	U	140	U	560		160	U	1800		930	

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TOC-Normalized Organotins

		Location ID	2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-013		2008 CLRC-013	
		Sample Name	08A-012-C1_(5.5-7.5)_N		08A-012-C1_(7.5-9.5)_N		08A-012-C1_(9.5-11.5)_N		08A-012-C2_(0.5-1.5)_N		08A-012-C2_(0-0.5)_N		08A-012-C2_(1.5-2.5)_N		08A-012-C2_(3.93-5.5)_N		08A-013-C1_(0-0.5)_N		08A-013-C1_(2.5-3.5)_N	
		Date Collected	12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		11/17/2008		11/17/2008	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		1.5-2.5		3.9-5.5		0.0-0.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																				
Dibutyltin	1191-48-6	ppb-TOC	3800		3300		2100		1500		310		1300		2500		1100		2200	
Monobutyltin	78763-54-9	ppb-TOC	2400		2200		1800		1000		240		780		1600		390		450	
Tetrabutyltin	1461-25-2	ppb-TOC	180		200		140		32		66	U	45		200		32	U	54	U
Tributyltin	688-73-3	ppb-TOC	1800		2700		1400		740		210		560		950		230		870	

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TOC-Normalized Organotins

		Location ID	2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-014		2008 CLRC-014	
		Sample Name	08A-013-C2_(0.5-1.5)_N		08A-013-C2_(1.5-2.5)_N		08A-013-C2_(11.5-13.5)_N		08A-013-C2_(13.5-15.5)_N		08A-013-C2_(3.5-5.5)_N		08A-013-C2_(5.5-7.5)_N		08A-013-C2_(7.5-9.5)_N		08A-013-C2_(9.5-11.5)_N		08A-014-C1_(11.5-13.5)_N		08A-014-C1_(13.5-15.5)_N	
		Date Collected	11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		12/3/2008		12/3/2008	
		Depth	0.5-1.5		1.5-2.5		11.5-13.5		13.5-15.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																						
Dibutyltin	1191-48-6	ppb-TOC	860		1100		3200		4000		1700		1800		3400		3300		42	U	52	U
Monobutyltin	78763-54-9	ppb-TOC	300		550		850		880		590		790		1400		1100		42	U	52	U
Tetrabutyltin	1461-25-2	ppb-TOC	47	U	44	U	160		140		48		68		130		170		42	U	52	U
Tributyltin	688-73-3	ppb-TOC	390		460		1100		1400		590		670		2600		1400		42	U	52	U

		Location ID	2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014	
		Sample Name	08A-014-C1_(15.5-17.5)_N		08A-014-C1_(17.5-19.75)_N		08A-014-C1_(7.5-9.5)_N		08A-014-C1_(9.5-11.5)_N		08A-014-C2_(0.5-1.5)_N		08A-014-C2_(0-0.5)_N		08A-014-C2_(1.5-2.5)_N		08A-014-C2_(2.5-3.5)_N		08A-014-C2_(3.5-5.5)_N		08A-014-C2_(5.5-7.5)_N	
		Date Collected	12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008	
		Depth	15.5-17.5		17.5-19.8		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																						
Dibutyltin	1191-48-6	ppb-TOC	61	U	41	U	140		39	U	1800		1900		2400		3400		3000		2000	
Monobutyltin	78763-54-9	ppb-TOC	61	U	41	U	76		39	U	1200		1000		1900		2100		1000		1700	
Tetrabutyltin	1461-25-2	ppb-TOC	61	U	41	U	35		39	U	63		66		130		150		140		200	
Tributyltin	688-73-3	ppb-TOC	61	U	41	U	31		39	U	680		1100		1100		1700		1300		1500	

		Location ID	2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015	
		Sample Name	08A-015-C1_(0.5-1.5)_N		08A-015-C1_(0-0.5)_N		08A-015-C2_(1.5-2.5)_N		08A-015-C2_(10.5-11.85)_N		08A-015-C2_(11.85-13.15)_N		08A-015-C2_(2.5-3.5)_N		08A-015-C2_(3.5-5.5)_N		08A-015-C2_(5.5-7.5)_N		08A-015-C2_(7.5-8.35)_N	
		Date Collected	11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008	
		Depth	0.5-1.5		0.0-0.5		1.5-2.5		10.5-11.9		11.9-13.1		2.5-3.5		3.5-5.5		5.5-7.5		7.5-8.4	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																				
Dibutyltin	1191-48-6	ppb-TOC	2300		2300		2400		94	U	180	U	960		3200		600		3.1	
Monobutyltin	78763-54-9	ppb-TOC	1500		1300		1300		94	U	180	U	410		2000		200		3.7	
Tetrabutyltin	1461-25-2	ppb-TOC	53	U	33		42	U	94	U	180	U	32		100		28		6.4	U
Tributyltin	688-73-3	ppb-TOC	640		500		820		94	U	180	U	460		1700		210		6.4	U

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TOC-Normalized Organotins

		Location ID	2008 CLRC-015		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016	
		Sample Name	08A-015-C2_(8.35-10.5)_N		08A-016-C1_(11.5-13.5)_N		08A-016-C1_(13.5-15.5)_N		08A-016-C1_(15.5-17.5)_N		08A-016-C1_(17.5-19.12)_N		08A-016-C1_(5.5-7.5)_N		08A-016-C1_(7.5-9.5)_N		08A-016-C1_(9.5-11.5)_N		08A-016-C2_(0.5-1.5)_N	
		Date Collected	11/12/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008	
		Depth	8.4-10.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.1		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																				
Dibutyltin	1191-48-6	ppb-TOC	200	U	1600		1100		1400		1400		910		1400		1300		500	
Monobutyltin	78763-54-9	ppb-TOC	200	U	600		300		530		320		400		490		330		410	
Tetrabutyltin	1461-25-2	ppb-TOC	200	U	60		47		68		68		26		31		43		36	U
Tributyltin	688-73-3	ppb-TOC	200	U	940		580		730		620		450		500		700		220	

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TOC-Normalized Organotins

		Location ID	2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017	
		Sample Name	08A-016-C2_(0-0.5)_N		08A-016-C2_(1.5-2.5)_N		08A-016-C2_(2.5-3.5)_N		08A-016-C2_(3.5-5.5)_N		08A-017-C1_(11.5-13.5)_N		08A-017-C1_(13.5-15.5)_N		08A-017-C1_(15.5-17.5)_N		08A-017-C1_(17.5-19.5)_N		08A-017-C1_(19.5-21.7)_N	
		Date Collected	12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008	
		Depth	0.0-0.5		1.5-2.5		2.5-3.5		3.5-5.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.7	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																				
Dibutyltin	1191-48-6	ppb-TOC	820		690		600		930		1400		1100		62	U	50	U	33	U
Monobutyltin	78763-54-9	ppb-TOC	140		69		140		350		870		580		62	U	50	U	33	U
Tetrabutyltin	1461-25-2	ppb-TOC	48	U	41	U	34	U	64		190		120		62	U	50	U	33	U
Tributyltin	688-73-3	ppb-TOC	370		360		400		380		1000		670		62	U	50	U	33	U

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TOC-Normalized Organotins

		Location ID	2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017	
		Sample Name	08A-017-C1_(21.7-23.5)_N		08A-017-C1_(3.5-5.5)_N		08A-017-C1_(5.5-7.5)_N		08A-017-C1_(7.5-9.5)_N		08A-017-C1_(9.5-11.5)_N		08A-017-C3_(0.5-1.5)_N		08A-017-C3_(0-0.5)_N		08A-017-C3_(1.5-2.5)_N		08A-017-C3_(2.5-3.5)_N	
		Date Collected	12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008	
		Depth	21.7-23.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																				
Dibutyltin	1191-48-6	ppb-TOC	93	U	1500		1900		1600		1200		2100		970		2000		1400	
Monobutyltin	78763-54-9	ppb-TOC	93	U	760		900		800		540		440		730		1100		670	
Tetrabutyltin	1461-25-2	ppb-TOC	93	U	48		70		70		110		31		54	U	72		43	
Tributyltin	688-73-3	ppb-TOC	93	U	480		740		720		750		860		580		850		400	

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TOC-Normalized Organotins

		Location ID	2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018	
		Sample Name	08A-018-C1_(1.5-2.5)_N		08A-018-C1_(11.5-13.5)_N		08A-018-C1_(3.5-5.5)_N		08A-018-C1_(5.5-7.5)_N		08A-018-C1_(7.5-9.5)_N		08A-018-C1_(9.5-11.5)_N		08A-018-C2_(0.5-1.5)_N		08A-018-C2_(0-0.5)_N		08A-018-C2_(2.5-3.5)_N	
		Date Collected	11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008	
		Depth	1.5-2.5		11.5-13.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																				
Dibutyltin	1191-48-6	ppb-TOC	2600		130	U	1400		6.1	U	81	U	570		640		1300		4100	
Monobutyltin	78763-54-9	ppb-TOC	520		130	U	840		6.1	U	81	U	98		370		990		1600	
Tetrabutyltin	1461-25-2	ppb-TOC	33		130	U	450		6.1	U	81	U	64	U	23		31		140	
Tributyltin	688-73-3	ppb-TOC	500		130	U	1200		6.1	U	81	U	420		660		660		2300	

		Location ID	2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020	
		Sample Name	08A-019-C1_(0.5-1.5)_N		08A-019-C1_(0-0.5)_N		08A-019-C1_(1.5-2.5)_N		08A-019-C1_(2.5-3.5)_N		08A-019-C1_(3.5-5.27)_N		08A-020-C2_(1.5-2.5)_N		08A-020-C2_(3.5-5.5)_N		08A-020-C2_(5.5-7.5)_N		08A-020-C2_(7.5-9.5)_N		08A-020-C2_(9.5-11.5)_N	
		Date Collected	9/24/2008		9/24/2008		9/24/2008		9/24/2008		9/24/2008		11/4/2008		11/4/2008		11/4/2008		11/4/2008		11/4/2008	
		Depth	0.5-1.5		0.0-0.5		1.5-2.5		2.5-3.5		3.5-5.3		1.5-2.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																						
Dibutyltin	1191-48-6	ppb-TOC	750		320		2600		2700		3500		4600		1200		190		150	U	200	U
Monobutyltin	78763-54-9	ppb-TOC	320		150		1600		1700		1800		1200		520		90		150	U	200	U
Tetrabutyltin	1461-25-2	ppb-TOC	170	U	110	U	260	U	220	U	180	U	270	U	210		61		150	U	200	U
Tributyltin	688-73-3	ppb-TOC	190		110		1000		1800		1900		3100		1100		73		150	U	200	U

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TOC-Normalized Organotins

		Location ID	2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021	
		Sample Name	08A-020-C3_(0.5-1.5)_N		08A-020-C3_(0-0.5)_N		08A-020-C3_(2.5-3.5)_N		08A-021-C1_(0.5-1.5)_N		08A-021-C1_(1.5-2.5)_N		08A-021-C1_(3.5-5.5)_N		08A-021-C1_(5.5-7.5)_N		08A-021-C1_(7.5-9.5)_N		08A-021-C1_(9.5-11.4)_N		08A-021-C2_(0-0.5)_N	
		Date Collected	11/4/2008		11/4/2008		11/4/2008		11/6/2008		11/6/2008		11/6/2008		11/6/2008		11/6/2008		11/6/2008		11/6/2008	
		Depth	0.5-1.5		0.0-0.5		2.5-3.5		0.5-1.5		1.5-2.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.4		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																						
Dibutyltin	1191-48-6	ppb-TOC	2300		1700		3300		1400		6200		760		330		110		57	U	27	U
Monobutyltin	78763-54-9	ppb-TOC	830		1100		390		300		1400		360		200		35		57	U	27	U
Tetrabutyltin	1461-25-2	ppb-TOC	290	U	280	U	200		20		69		470		110		26		57	U	27	U
Tributyltin	688-73-3	ppb-TOC	1700		1300		6700		460		970		740		140		16		57	U	27	U

Table B-5
TOC-Normalized Organotins

		Location ID	2008 CLRC-021		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED069		HR01SED069		NB01SED001A		NB01SED001A	
		Sample Name	08A-021-C2_(2.5-3.5)_N		HR01SED067B-01		HR01SED067B-02		HR01SED067B-03		HR01SED067B-04		HR01SED067B-05		HR01SED067B-06		HR01SED069C-01		HR01SED069C-02		NB01SED001B-01		NB01SED001B-02	
		Date Collected	11/6/2008		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		11/13/2005		11/13/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	1400		65	U	57	U	64	U	110	U	110	U	87	U	280	U	600	U	280		290	
Monobutyltin	78763-54-9	ppb-TOC	650		65	U	57	U	64	U	110	U	110	U			280	U	600	U	170	U	130	U
Tetrabutyltin	1461-25-2	ppb-TOC	120		65	U	57	U	64	U	110	U	110	U	87	U	280	U	600	U	170	U	120	
Tributyltin	688-73-3	ppb-TOC	870		65	U	57	U	64	U	110	U	110	U	87	U	280	U	600	U	330		350	

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TOC-Normalized Organotins

		Location ID	NB01SED001A		NB01SED002		NB01SED002		NB01SED002		NB01SED002		NB01SED003		NB01SED003		NB01SED003		NB01SED003		NB01SED004		NB01SED004	
		Sample Name	NB01SED001B-03		NB01SED002B-01		NB01SED002B-02		NB01SED002B-03		NB01SED002B-04		NB01SED003D-01		NB01SED003D-02		NB01SED003D-03		NB01SED003D-04		NB01SED004B-01		NB01SED004B-02	
		Date Collected	11/13/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/31/2005		10/31/2005		10/31/2005		10/31/2005		10/30/2005		10/30/2005	
		Depth	1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	200		370		140		110	U	590	U	280		100	U	130	U	80	U	350		530	
Monobutyltin	78763-54-9	ppb-TOC			100	U	110	U	110	U	590	U	200	U	100	U	130	U			150	U	130	U
Tetrabutyltin	1461-25-2	ppb-TOC	94	U	100	U	110	U	110	U	590	U	200	U	100	U	130	U	80	U	150	U	130	U
Tributyltin	688-73-3	ppb-TOC	500		290		190		110	U	590	U	260		100	U	130	U	80	U	170		220	

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TOC-Normalized Organotins

		Location ID	NB01SED004		NB01SED005		NB01SED005		NB01SED005		NB01SED005		NB01SED006A		NB01SED006A		NB01SED006A		NB01SED007		NB01SED007		NB01SED007	
		Sample Name	NB01SED004B-03		NB01SED005A-01		NB01SED005A-02		NB01SED005A-03		NB01SED005A-04		NB01SED006AA-01		NB01SED006AA-02		NB01SED006AA-03		NB01SED007A-01		NB01SED007A-02		NB01SED007A-03	
		Date Collected	10/30/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/27/2005		11/27/2005		11/27/2005		11/9/2005		11/9/2005		11/9/2005	
		Depth	1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	600		200		110		440		310		290		90		120		310		240		600	
Monobutyltin	78763-54-9	ppb-TOC	98	U	170	U	160	U	110	U	88	U	210	U	88	U	180	U	200	U	160	U	180	U
Tetrabutyltin	1461-25-2	ppb-TOC	60		170	U	160	U	110	U	88	U	210	U	88	U	180	U	200	U	160	U	180	U
Tributyltin	688-73-3	ppb-TOC	190		190		220		180		140		210	U	63		100		190		370		1100	

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TOC-Normalized Organotins

		Location ID	NB01SED007		NB01SED008A		NB01SED008A		NB01SED008A		NB01SED009		NB01SED009		NB01SED009		NB01SED009		NB01SED010A		NB01SED010A		NB01SED010A	
		Sample Name	NB01SED007A-04		NB01SED008AA-01		NB01SED008AA-02		NB01SED008AA-03		NB01SED009A-01		NB01SED009A-02		NB01SED009A-03		NB01SED009A-04		NB01SED010I-01		NB01SED010I-02		NB01SED010I-03	
		Date Collected	11/9/2005		11/14/2005		11/14/2005		11/14/2005		11/6/2005		11/6/2005		11/6/2005		11/6/2005		10/31/2005		10/31/2005		10/31/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.3		1.3-2.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	570		560		630		870		170		84	U	76	U	110	U	200		120	U	72	
Monobutyltin	78763-54-9	ppb-TOC	120	U	98	U	110	U	87	U			84	U	76	U	110	U	180	U	120	U	140	U
Tetrabutyltin	1461-25-2	ppb-TOC	120	U	98	U	77		110		120	U	84	U	76	U	110	U	180	U	120	U	140	U
Tributyltin	688-73-3	ppb-TOC	540		160		160		330		170		84	U	76	U	110	U	310		120	U	140	U

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TOC-Normalized Organotins

		Location ID	NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012	
		Sample Name	NB01SED011B-01		NB01SED011B-02		NB01SED011B-03		NB01SED011B-04		NB01SED011B-05		NB01SED011B-06		NB01SED012A-01		NB01SED012A-02		NB01SED012A-03		NB01SED012A-04		NB01SED012A-05	
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5		4.5-5.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	150		140	U	44	U	120	U	69	U	250	U	440		150		500		240		300	
Monobutyltin	78763-54-9	ppb-TOC	160	U	140	U	44	U	120	U	69	U	250	U	110	U	68	U	130	U	95	U	80	U
Tetrabutyltin	1461-25-2	ppb-TOC	160	U	140	U	44	U	120	U	69	U	250	U	97		32		120		190		210	
Tributyltin	688-73-3	ppb-TOC	130		140	U	44	U	120	U	69	U	250	U	330		96		460		320		430	

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TOC-Normalized Organotins

		Location ID	NB01SED012		NB01SED012		NB01SED013		NB01SED013		NB01SED013		NB01SED014		NB01SED014		NB01SED014		NB01SED014		NB01SED015		NB01SED015	
		Sample Name	NB01SED012A-06		NB01SED012A-07		NB01SED013C-02		NB01SED013C-03		NB01SED013C-04		NB01SED014A-01		NB01SED014A-02		NB01SED014A-03		NB01SED014A-04		NB01SED015A-01		NB01SED015A-02	
		Date Collected	11/1/2005		11/1/2005		10/31/2005		10/31/2005		10/31/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/1/2005		11/1/2005	
		Depth	5.0-6.5		6.5-8.0		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	470		100		330	U	35		130	U	85		170	U	260	U	210	U	650		1100	
Monobutyltin	78763-54-9	ppb-TOC	73	U	17		330	U	96	U	130	U	110	U	170	U	260	U	210	U	110	U	250	U
Tetrabutyltin	1461-25-2	ppb-TOC	470		110		330	U	96	U	130	U	110	U	170	U	260	U	210	U	110	U	250	U
Tributyltin	688-73-3	ppb-TOC	860		210		330	U	96	U	130	U	140		170	U	260	U	210	U	270		810	

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TOC-Normalized Organotins

		Location ID	NB01SED015		NB01SED015		NB01SED016		NB01SED016		NB01SED016		NB01SED016		NB01SED017		NB01SED017		NB01SED017		NB01SED018		NB01SED018	
		Sample Name	NB01SED015A-03		NB01SED015A-04		NB01SED016C-01		NB01SED016C-02		NB01SED016C-03		NB01SED016C-04		NB01SED017B-01		NB01SED017B-02		NB01SED017B-03		NB01SED018D-01		NB01SED018D-02	
		Date Collected	11/1/2005		11/1/2005		11/13/2005		11/13/2005		11/13/2005		11/13/2005		11/20/2005		11/20/2005		11/20/2005		11/6/2005		11/6/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	440		45		280		210		610		310		140		140		130		280		720	U
Monobutyltin	78763-54-9	ppb-TOC	110	U	100	U	270	U	180	U	180	U	140	U	190	U	160	U	180	U	470	U	720	U
Tetrabutyltin	1461-25-2	ppb-TOC	190		100	U	270	U	180	U	180	U	140	U	190	U	160	U	180	U	470	U	720	U
Tributyltin	688-73-3	ppb-TOC	380		100	U	170		220		370		300		190	U	120		140		470	U	720	U

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TOC-Normalized Organotins

		Location ID	NB01SED019		NB01SED019		NB01SED019		NB01SED019		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED021	
		Sample Name	NB01SED019A-01		NB01SED019A-02		NB01SED019A-03		NB01SED019A-04		NB01SED020A-01		NB01SED020A-02		NB01SED020A-03		NB01SED020A-04		NB01SED020A-05		NB01SED020A-06		NB01SED021B-01			
		Date Collected	11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/20/2005			
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Organotin																										
Dibutyltin	1191-48-6	ppb-TOC	450		160	U	180	U	36		290		230		32		86	U	100	U	90	U	160			
Monobutyltin	78763-54-9	ppb-TOC	96	U	160	U	180	U	100	U	230	U	110	U	49	U	86	U			90	U	210	U		
Tetrabutyltin	1461-25-2	ppb-TOC	490		210		180	U	100	U	170		86		49	U	86	U	100	U	90	U	210	U		
Tributyltin	688-73-3	ppb-TOC	1000		150		180	U	100	U	480		860		49	U	86	U	100	U	90	U	100			

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		Location ID	NB01SED021		NB01SED022		NB01SED022		NB01SED022		NB01SED022		NB01SED023		NB01SED023		NB01SED023		NB01SED023		NB01SED024		NB01SED024	
		Sample Name	NB01SED021B-02		NB01SED022A-01		NB01SED022A-02		NB01SED022A-03		NB01SED022A-04		NB01SED023A-01		NB01SED023A-02		NB01SED023A-03		NB01SED023A-04		NB01SED024B-01		NB01SED024B-02	
		Date Collected	11/20/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/8/2005		11/8/2005	
		Depth	0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	210		360		270		240		370		430		160		170	U	68	U	210		870	
Monobutyltin	78763-54-9	ppb-TOC	250	U	210	U	140	U	120	U	120	U	130	U	130	U	54		68	U	380	U	520	U
Tetrabutyltin	1461-25-2	ppb-TOC	250	U	210	U	140	U	120	U	120	U	130	U	140		170	U	68	U	380	U	520	U
Tributyltin	688-73-3	ppb-TOC	140		310		260		380		370		570		220		110		68	U	340		8300	

		Location ID	NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED026		NB01SED026		NB01SED027		NB01SED027		NB01SED027	
		Sample Name	NB01SED025B-01		NB01SED025B-02		NB01SED025B-03		NB01SED025B-04		NB01SED025B-05		NB01SED025B-06		NB01SED026A-01		NB01SED026A-03		NB01SED027A-01		NB01SED027A-02		NB01SED027A-03	
		Date Collected	11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/2/2005		11/2/2005		11/14/2005		11/14/2005		11/14/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-3.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	860		57	U	55	U	63	U	65	U	95	U	680		850	U	420		320		490	
Monobutyltin	78763-54-9	ppb-TOC	410	U	57	U	55	U	63	U	65	U	95	U	170	U	850	U	360	U	300	U	450	U
Tetrabutyltin	1461-25-2	ppb-TOC	410	U	57	U	55	U	63	U	65	U	95	U	170	U	850	U	360	U	300	U	450	U
Tributyltin	688-73-3	ppb-TOC	640		57	U	55	U	63	U	65	U	95	U	390		850	U	410		360		550	

		Location ID	NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029	
		Sample Name	NB01SED028C-01		NB01SED028C-02		NB01SED028C-03		NB01SED028C-04		NB01SED028C-05		NB01SED028C-06		NB01SED029C-01		NB01SED029C-02		NB01SED029C-03		NB01SED029C-04		NB01SED029C-05	
		Date Collected	11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	170		170		340		470		170		140	U	310		170		240		140		230	
Monobutyltin	78763-54-9	ppb-TOC	180	U	160	U	170	U	120	U	120	U			220	U	230	U	210	U	170	U	180	U
Tetrabutyltin	1461-25-2	ppb-TOC	180	U	160	U	170	U	120	U	120	U	140	U	220	U	230	U	210	U	170	U	180	U
Tributyltin	688-73-3	ppb-TOC	190		200		320		320		120		140	U	230		230		250		210		240	

		Location ID	NB01SED029		NB01SED030		NB01SED030		NB01SED031		NB01SED031		NB01SED031		NB01SED032		NB01SED032		NB01SED032		NB01SED032		NB01SED033A	
		Sample Name	NB01SED029C-06		NB01SED030B-01		NB01SED030B-02		NB01SED031A-01		NB01SED031A-02		NB01SED031A-03		NB01SED032A-01		NB01SED032A-02		NB01SED032A-03		NB01SED032A-04		NB01SED033AD-01	
		Date Collected	11/15/2005		11/15/2005		11/15/2005		11/14/2005		11/14/2005		11/14/2005		11/13/2005		11/13/2005		11/13/2005		11/13/2005		12/11/2005	
		Depth	4.5-5.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	100		260		180	U	190		240		150		250		800		710		330		120	
Monobutyltin	78763-54-9	ppb-TOC			250	U	180	U	220	U	220	U			170	U	200	U	150	U	170	U	210	U
Tetrabutyltin	1461-25-2	ppb-TOC	150	U	250	U	180	U	220	U	220	U	160	U	170	U	200	U	150	U	170	U	210	U
Tributyltin	688-73-3	ppb-TOC	150	U	250	U	180	U	210		420		180		170		600		420		250		220	

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		Location ID	NB01SED033A		NB01SED034A		NB01SED034A		NB01SED034A		NB01SED035A		NB01SED036		NB01SED036		NB01SED036		NB01SED037		NB01SED037		NB01SED037	
		Sample Name	NB01SED033AD-02		NB01SED034AC-01		NB01SED034AC-02		NB01SED034AC-03		NB01SED035AC-01		NB01SED036F-01		NB01SED036F-02		NB01SED036F-03		NB01SED037C-01		NB01SED037C-02		NB01SED037C-03	
		Date Collected	12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		11/27/2005		11/27/2005		11/27/2005		11/14/2005		11/14/2005		11/14/2005	
		Depth	0.5-1.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	170		120		250		270		250		200		150		220		370		160		120	
Monobutyltin	78763-54-9	ppb-TOC	190	U	210	U	190	U			210	U	110	U	120	U	140	U	240	U	87	U	140	U
Tetrabutyltin	1461-25-2	ppb-TOC	190	U	210	U	190	U	160	U	210	U	110	U	120	U	140	U	240	U	87	U	140	U
Tributyltin	688-73-3	ppb-TOC	240		260		600		640		810		550		430		650		320		120		100	

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		Location ID	NB01SED037		NB01SED038		NB01SED038		NB01SED038		NB01SED038		NB01SED039		NB01SED039		NB01SED039		NB01SED039		NB01SED040		NB01SED040	
		Sample Name	NB01SED037C-04		NB01SED038A-01		NB01SED038A-02		NB01SED038A-03		NB01SED038A-04		NB01SED039A-01		NB01SED039A-02		NB01SED039A-03		NB01SED039A-04		NB01SED040A-01		NB01SED040A-02	
		Date Collected	11/14/2005		11/20/2005		11/20/2005		11/20/2005		11/20/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/15/2005		11/15/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	270	U	200		310	U	260	U	440	U	180		140	U	300	U	360	U	78	U	120	U
Monobutyltin	78763-54-9	ppb-TOC	270	U			310	U	260	U	440	U	170	U	140	U	300	U	360	U	78	U	120	U
Tetrabutyltin	1461-25-2	ppb-TOC	270	U	300	U	310	U	260	U	440	U	170	U	140	U	300	U	360	U	78	U	120	U
Tributyltin	688-73-3	ppb-TOC	270	U	210		310	U	260	U	440	U	170		140	U	300	U	360	U	78	U	120	U

		Location ID	NB01SED040		NB01SED040		NB01SED041		NB01SED041		NB01SED041		NB01SED041		NB01SED042		NB01SED042		NB01SED042		NB01SED043		NB01SED043	
		Sample Name	NB01SED040A-03		NB01SED040A-04		NB01SED041A-01		NB01SED041A-02		NB01SED041A-03		NB01SED041A-04		NB01SED042B-01		NB01SED042B-02		NB01SED042B-03		NB01SED043C-01		NB01SED043C-02	
		Date Collected	11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		12/5/2005		12/5/2005		12/5/2005		11/20/2005		11/20/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	110	U	80	U	190	U	91	U	53	U	93	U	230	U	260		110		250		130	
Monobutyltin	78763-54-9	ppb-TOC	110	U	80	U	190	U	91	U	53	U	93	U	230	U	320	U	170	U	220	U	160	U
Tetrabutyltin	1461-25-2	ppb-TOC	110	U	80	U	190	U	91	U	53	U	93	U	230	U	320	U	170	U	220	U	160	U
Tributyltin	688-73-3	ppb-TOC	110	U	80	U	190	U	91	U	53	U	93	U	230	U	250		170	U	350		130	

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		Location ID	NB01SED043		NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED045		NB01SED045		NB01SED045		NB01SED045	
		Sample Name	NB01SED043C-03		NB01SED044A-01		NB01SED044A-02		NB01SED044A-03		NB01SED044A-04		NB01SED044A-05		NB01SED044A-06		NB01SED045B-01		NB01SED045B-02		NB01SED045B-03		NB01SED045B-04	
		Date Collected	11/20/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005	
		Depth	1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	330		170		390		390		430		230		150		130	U	93	U	190	U	290	U
Monobutyltin	78763-54-9	ppb-TOC	230	U	130	U	110	U	95	U	120	U			93	U	140	U	93	U			290	U
Tetrabutyltin	1461-25-2	ppb-TOC	230	U	130	U	110	U	95	U	120	U	90	U	58		140	U	93	U	190	U	290	U
Tributyltin	688-73-3	ppb-TOC	180		190		390		170		150		120		130		180	U	93	U	190	U	290	U

		Location ID	NB01SED045		NB01SED045		NB01SED046		NB01SED046		NB01SED046		NB01SED047		NB01SED047		NB01SED047		NB01SED048		NB01SED048		NB01SED049	
		Sample Name	NB01SED045B-05		NB01SED045B-06		NB01SED046E-01		NB01SED046E-02		NB01SED046E-03		NB01SED047A-01		NB01SED047A-02		NB01SED047A-03		NB01SED048A-01		NB01SED048A-02		NB01SED049C-01	
		Date Collected	12/6/2005		12/6/2005		12/5/2005		12/5/2005		12/5/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005	
		Depth	3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	170	U	200	U	260		350		220	U	96		240		420		210		190		1200	
Monobutyltin	78763-54-9	ppb-TOC	170	U	200	U	180	U	150	U	220	U	160	U	170	U	230	U	200	U	210	U	130	U
Tetrabutyltin	1461-25-2	ppb-TOC	170	U	200	U	180	U	150	U	220	U	160	U	170	U	230	U	200	U	210	U	130	U
Tributyltin	688-73-3	ppb-TOC	170	U	200	U	190		170		220	U	330		200		190		320		370		1900	

		Location ID	NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED050		NB01SED050		NB01SED050		NB01SED050		NB01SED051		NB01SED051	
		Sample Name	NB01SED049C-02		NB01SED049C-03		NB01SED049C-04		NB01SED049C-05		NB01SED049C-06		NB01SED050A-01		NB01SED050A-02		NB01SED050A-03		NB01SED050A-04		NB01SED051D-01		NB01SED051D-02	
		Date Collected	11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005		12/5/2005		12/5/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	3100		5500		2600		870		2300		240	U	200	U	190	U	330	U	150		210	
Monobutyltin	78763-54-9	ppb-TOC	130	U	68	U	81	U			110	U	240	U	200	U	190	U	330	U	150	U	90	U
Tetrabutyltin	1461-25-2	ppb-TOC	200		190		330		110	U	110		240	U	200	U	190	U	330	U	150	U	90	U
Tributyltin	688-73-3	ppb-TOC	5800		6600		11000		1000		2800		150		200	U	190	U	330	U	150		230	

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TOC-Normalized Organotins

		Location ID	NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED053	
		Sample Name	NB01SED051D-03		NB01SED051D-04		NB01SED051D-05		NB01SED051D-06		NB01SED052B-01		NB01SED052B-02		NB01SED052B-03		NB01SED052B-04		NB01SED052B-05		NB01SED052B-06		NB01SED053B-01	
		Date Collected	12/5/2005		12/5/2005		12/5/2005		12/5/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/4/2005	
		Depth	1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-3.5		3.5-6.0		6.0-8.5		8.5-11.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		Y		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	130		180		110		44		180		290		390		590		310		150		79	
Monobutyltin	78763-54-9	ppb-TOC	150	U	160	U			77	U	170	U	130	U			140	U	120	U	93	U	150	U
Tetrabutyltin	1461-25-2	ppb-TOC	150	U	160	U	110	U	48		170	U	130	U	100	U	120		120	U	100		150	U
Tributyltin	688-73-3	ppb-TOC	96		160	U	82		67		260		460		210		260		340		280		54	

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TOC-Normalized Organotins

		Location ID	NB01SED053		NB01SED053		NB01SED053		NB01SED053		NB01SED053		NB01SED054		NB01SED054		NB01SED054		NB01SED054		NB01SED055		NB01SED055	
		Sample Name	NB01SED053B-02		NB01SED053B-03		NB01SED053B-04		NB01SED053B-05		NB01SED053B-06		NB01SED054A-01		NB01SED054A-02		NB01SED054A-03		NB01SED054A-04		NB01SED055D-01		NB01SED055D-02	
		Date Collected	12/4/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	240	U	210	U	170	U	140	U	190	U	270	U	480	U	440	U	640	U	140		550	
Monobutyltin	78763-54-9	ppb-TOC	240	U	210	U	170	U	140	U			270	U	480	U	440	U	640	U	210	U	370	U
Tetrabutyltin	1461-25-2	ppb-TOC	240	U	210	U	170	U	140	U	190	U	270	U	480	U	440	U	640	U	210	U	370	U
Tributyltin	688-73-3	ppb-TOC	240	U	210	U	170	U	140	U	190	U	270	U	480	U	440	U	640	U	240		460	

Table B-5
TOC-Normalized Organotins

		Location ID	NB01SED055		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED057		NB01SED057		NB01SED057		NB01SED057	
		Sample Name	NB01SED055D-03		NB01SED056B-01		NB01SED056B-02		NB01SED056B-03		NB01SED056B-04		NB01SED056B-05		NB01SED056B-06		NB01SED057B-01		NB01SED057B-02		NB01SED057B-03		NB01SED057B-04	
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005	
		Depth	1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	300	U	150		190		150		70		90		52		160	U	1000	U	200	U	120	U
Monobutyltin	78763-54-9	ppb-TOC	300	U	150	U	240	U	160	U	130	U	97	U	58	U	160	U	570	U	120	U	120	U
Tetrabutyltin	1461-25-2	ppb-TOC	300	U	150	U	240	U	160	U	87		83		61		160	U	570	U	120	U	120	U
Tributyltin	688-73-3	ppb-TOC	300	U	180		190		110		170		90		60		130	U	1000	U	220	U	110	U

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TOC-Normalized Organotins

		Location ID	NB01SED058		NB01SED058		NB01SED058		NB01SED058		NB01SED059		NB01SED059		NB01SED059		NB01SED059		NB01SED060		NB01SED060		NB01SED060	
		Sample Name	NB01SED058B-01		NB01SED058B-02		NB01SED058B-03		NB01SED058B-04		NB01SED059A-01		NB01SED059A-02		NB01SED059A-03		NB01SED059A-04		NB01SED060B-01		NB01SED060B-02		NB01SED060B-03	
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005		12/8/2005		11/21/2005		11/21/2005		11/21/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	250		140		140	U	80		110	U	190	U	170	U	160	U	380		160		250	
Monobutyltin	78763-54-9	ppb-TOC	130	U	92	U	140	U	160	U	190	U	190	U			160	U	140	U	120	U	130	U
Tetrabutyltin	1461-25-2	ppb-TOC	130	U	92	U	140	U	160	U	190	U	190	U	170	U	160	U	140	U	120	U	130	U
Tributyltin	688-73-3	ppb-TOC	290		150		140	U	160	U	81		120		170	U	160	U	210		170		190	

Table B-5
TOC-Normalized Organotins

		Location ID	NB01SED060		NB01SED061		NB01SED061		NB01SED062		NB01SED062		NB01SED062		NB01SED062		NB01SED063		NB01SED063		NB01SED063		NB01SED063	
		Sample Name	NB01SED060B-04		NB01SED061A-01		NB01SED061A-02		NB01SED062A-01		NB01SED062A-02		NB01SED062A-03		NB01SED062A-04		NB01SED063C-01		NB01SED063C-02		NB01SED063C-03		NB01SED063C-04	
		Date Collected	11/21/2005		11/28/2005		11/28/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005		12/8/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.5		3.5-4.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	230		280		330		280	U	190	U	140	U	58	U	100	U	670	U	430		86	U
Monobutyltin	78763-54-9	ppb-TOC	130	U	190	U	270	U	280	U	190	U	140	U	58	U	130	U	240	U	110	U	110	U
Tetrabutyltin	1461-25-2	ppb-TOC	130	U	190	U	270	U	280	U	190	U	140	U	58	U	130	U	240	U	110	U	110	U
Tributyltin	688-73-3	ppb-TOC	150		1200		270	U	280	U	190	U	140	U	58	U	130		380		200		52	

		Location ID	NB01SED064		NB01SED064		NB01SED064		NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED066		NB01SED066	
		Sample Name	NB01SED064B-01		NB01SED064B-02		NB01SED064B-03		NB01SED065A-01		NB01SED065A-02		NB01SED065A-03		NB01SED065A-04		NB01SED065A-05		NB01SED065A-06		NB01SED066E-01		NB01SED066E-02	
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	37	U	150	U	740	U	180		170	U	110	U	140	U	140	U	180	U	140	U	260	U
Monobutyltin	78763-54-9	ppb-TOC	37	U	150	U	740	U	130	U	170	U	110	U	140	U	140	U	180	U	330	U	260	U
Tetrabutyltin	1461-25-2	ppb-TOC	37	U	150	U	740	U	130	U	170	U	110	U	140	U	140	U	180	U	330	U	260	U
Tributyltin	688-73-3	ppb-TOC	37	U	150	U	740	U	130		170	U	110	U	140	U	140	U	180	U	330	U	260	U

		Location ID	NB01SED068		NB01SED068		NB01SED068		NB01SED068		NB01SED068		NB01SED068		PR0001SDM		PR0002SDM		PR0013SDM		PR00SD13		SD001-200	
		Sample Name	NB01SED068B-01		NB01SED068B-02		NB01SED068B-03		NB01SED068B-04		NB01SED068B-05		NB01SED068B-06		PR0001SDM		PR0002SDM		PR0013SDM		PR00SD13		SD001-200-000005-203	
		Date Collected	10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		5/23/2000		5/24/2000		5/23/2000		8/1/2000		11/25/2003	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																								
Dibutyltin	1191-48-6	ppb-TOC	310		250		220		220		320		190		700		770		600		610		110	U
Monobutyltin	78763-54-9	ppb-TOC	130	U	140	U	140	U	110	U	120	U	130	U	100		83		110		170		84	U
Tetrabutyltin	1461-25-2	ppb-TOC	130	U	140	U	69		110	U	120	U	69		23	U	30	U	15		29		140	U
Tributyltin	688-73-3	ppb-TOC	240		230		480		330		380		250		1300		1100		930		1900		120	U

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TOC-Normalized Organotins

		Location ID	SD004-200		SD004-200		SD004-200		SD00A-005		SD00A-025		SD00A-025		SD00A-050		SD00A-050		SD00A-050		SD00A-100	
		Sample Name	SD004-200-000005-203		SD004-200-015020-203		SD004-200-035040-203		SD00A-005-000005-203		SD00A-025-000005-203		SD0DA-025-000005-203		SD00A-050-000005-203		SD00A-050-015020-203		SD00A-050-035040-203		SD00A-100-000005-203	
		Date Collected	11/22/2003		11/22/2003		11/22/2003		12/1/2003		11/23/2003		11/23/2003		11/23/2003		11/23/2003		11/23/2003		11/24/2003	
		Depth	0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																						
Dibutyltin	1191-48-6	ppb-TOC	620	U	740		48	U	170		260		220		290		48	U	69	U	36	U
Monobutyltin	78763-54-9	ppb-TOC	500	U	110	U	38	U	74	U	85	U	69	U	82	U	37	U	54	U	28	U
Tetrabutyltin	1461-25-2	ppb-TOC	830	U	180	U	65	U	130	U	150	U	120	U	140	U	62	U	91	U	47	U
Tributyltin	688-73-3	ppb-TOC	750	U	240		56	U	110	U	270		130		380		54	U	79	U	41	U

Table B-5
TOC-Normalized Organotins

		Location ID	SD00A-200		SD00B-005		SD00B-025		SD00B-025		SD00B-025		SD00B-025		SD00B-050		SD00B-050		SD00B-100		SD00B-100	
		Sample Name	SD00A-200-000005-203		SD00B-005-000005-203		SD00B-025-000005-203		SD00B-025-015020-203		SD00B-025-035040-203		SD0DB-025-000005-203		SD00B-050-000005-203		SD0DB-050-000005-203		SD00B-100-000005-203		SD00B-100-015020-203	
		Date Collected	12/1/2003		12/1/2003		12/1/2003		12/1/2003		12/1/2003		11/25/2003		11/23/2003		11/23/2003		11/22/2003		11/22/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																						
Dibutyltin	1191-48-6	ppb-TOC	45	U	180	U	180		65	U	72	U	160	U	110		74	U	180		490	U
Monobutyltin	78763-54-9	ppb-TOC	35	U	130	U	99	U	51	U	56	U	120	U	54	U	59	U	130	U	370	U
Tetrabutyltin	1461-25-2	ppb-TOC	60	U	230	U	170	U	86	U	95	U	200	U	240		96	U	220	U	610	U
Tributyltin	688-73-3	ppb-TOC	52	U	210	U	150	U	75	U	82	U	170	U	85	U	85	U	190	U	550	U

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TOC-Normalized Organotins

		Location ID	SD00B-200		SD00C-005		SD00C-005		SD00C-005		SD00C-025		SD00C-050		SD00C-100		SD00C-100		SD00C-200		SD02E-025	
		Sample Name	SD00B-200-000005-203		SD00C-005-000005-203		SD00C-005-015020-203		SD00C-005-035040-203		SD00C-025-000005-203		SD00C-050-000005-203		SD00C-100-000005-203		SD0DC-100-000005-203		SD00C-200-000005-203		SD02E-025-000005-203	
		Date Collected	11/22/2003		11/20/2003		11/20/2003		11/20/2003		11/19/2003		11/19/2003		11/21/2003		11/21/2003		11/21/2003		11/21/2003	
		Depth	0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																						
Dibutyltin	1191-48-6	ppb-TOC	450	U	120		84	U	110		120		62	U	79	U	75	U	310	U	88	U
Monobutyltin	78763-54-9	ppb-TOC	340	U	75	U	63	U	64	U	74	U	50	U	59	U	56	U	250	U	68	U
Tetrabutyltin	1461-25-2	ppb-TOC	580	U	130	U	110	U	110	U	120	U	82	U	100	U	98	U	410	U	110	U
Tributyltin	688-73-3	ppb-TOC	500	U	140		95	U	98	U	170		72	U	91	U	86	U	360	U	110	

		Location ID	SD02E-075		SD02E-075		SD02E-075		SD02E-075		SD02W-200		SD03E-025		SD03E-025		SD03E-075		SD03E-075		SD03W-200	
		Sample Name	SD02E-075-000005-103		SD02E-075-000005-203		SD02E-075-015020-203		SD02E-075-035040-203		SD02W-200-035040-203		SD03E-025-000005-203		SD03E-025-015020-203		SD03E-075-000005-203		SD03E-075-015020-203		SD03W-200-000005-203	
		Date Collected	10/16/2003		11/20/2003		11/20/2003		11/20/2003		12/2/2003		11/16/2003		11/16/2003		11/17/2003		11/17/2003		11/24/2003	
		Depth	0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		3.4-3.9		0.0-0.5		1.4-2.0		0.0-0.5		1.4-2.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																						
Dibutyltin	1191-48-6	ppb-TOC	400		94	U	92	U	68	U	360	U	93	U	64	U	75	U	400	U	180	U
Monobutyltin	78763-54-9	ppb-TOC	69	U	73	U	69	U	53	U	290	U	73	U	51	U	58	U	300	U	130	U
Tetrabutyltin	1461-25-2	ppb-TOC	110	U	120	U	120	U	88	U	480	U	120	U	83	U	97	U	520	U	230	U
Tributyltin	688-73-3	ppb-TOC	340		160		110	U	78	U	430	U	110	U	73	U	88	U	450	U	210	U

Table B-5
TOC-Normalized Organotins

		Location ID	SD13E-005		SD13E-005		SD13E-005		SD13E-050		SD13E-100		SD13E-100		SD13E-100		SDOF8-012	
		Sample Name	SD13E-005-000005-203		SD13E-005-015020-203		SD13E-005-035040-203		SD13E-050-000005-203		SD13E-100-000005-203		SD13E-100-015020-203		SD13E-100-035040-203		SDOF8-012-000005-103	
		Date Collected	11/17/2003		11/17/2003		11/17/2003		11/17/2003		11/18/2003		11/18/2003		11/18/2003		12/16/2003	
		Depth	0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Organotin																		
Dibutyltin	1191-48-6	ppb-TOC	170		30	U	58	U	94	U	64	U	65	U	68	U	160	U
Monobutyltin	78763-54-9	ppb-TOC	27	U	23	U	44	U	72	U	49	U	49	U	52	U	120	U
Tetrabutyltin	1461-25-2	ppb-TOC	47	U	40	U	76	U	130	U	85	U	84	U	89	U	330	
Tributyltin	688-73-3	ppb-TOC	230		35	U	67	U	110	U	75	U	73	U	77	U	570	

Table B-6
TOC-Normalized Congener PCBs

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Table B-6
TOC-Normalized Congener PCBs

		Location ID	AK001		AK001		AK001		AK001		AK001		AK999		AK999		AKA07		ARK07	
		Sample Name	6JMS00001		6JMS00002		6JMS00003		6JMS00004		6JMS00005		1JMS00115		1JMS00158		1JMS00008		1JMS00151	
		Date Collected	9/22/1998		9/22/1998		9/22/1998		9/22/1998		9/22/1998		6/23/2000		8/30/2000		7/13/1999		8/30/2000	
		Depth	0.0-1.6		1.6-2.0		2.0-3.3		3.3-4.3		4.3-6.2		0.0-0.3		0.0-0.3		0.0-0.3		0.0-0.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC	90000		60000		30600		9170		13300		71100		55400		43200		69500	
PCB-173	68194-16-1	ppt-TOC																		
PCB-174	38411-25-5	ppt-TOC	567000		400000		200000		44400		67200		441000		370000		287000		425000	
PCB-175	40186-70-7	ppt-TOC	26700		17800		11800		3330		4060		15600		14500		14200		20100	
PCB-176	52663-65-7	ppt-TOC	83300		65000		30600		7780		11600		48400		48500		37000		65600	
PCB-177	52663-70-4	ppt-TOC	317000		220000		110000		27800		39100		284000		231000		176000		286000	
PCB-178	52663-67-9	ppt-TOC	113000		92500		44900		19200		21900		76800		73900		61700		104000	
PCB-179	52663-64-6	ppt-TOC	267000		205000		102000		30600		40600		156000		173000		130000		232000	
PCB-18	37680-65-2	ppt-TOC	1130000		325000		77600		16400		31300									
PCB-180	35065-29-3	ppt-TOC																		
PCB-181	74472-47-2	ppt-TOC	3670		1980		9390	U	11400	U	734		2700		346	U	5250	U	1660	
PCB-182/187	PCB-182/187	ppt-TOC																		
PCB-183	52663-69-1	ppt-TOC	350000		250000		137000		38900		51600		299000		254000		191000		293000	
PCB-184	74472-48-3	ppt-TOC	18300	U	10300	U	9390	U	11400	U	6880	U	99.6	U	139	U	1140	U	232	U
PCB-185	52712-05-7	ppt-TOC	56700		50000		24500		5280		10000		34100		20600		43200		29700	
PCB-186	74472-49-4	ppt-TOC	18300	U	10300	U	9390	U	11400	U	6880	U	114	U	139	U	1270	U	232	U
PCB-188	74487-85-7	ppt-TOC	18300	U	10300	U	9390	U	11400	U	6880	U	469	U	624		1170	U	1120	
PCB-189	39635-31-9	ppt-TOC	21700		8500		5710		1470		2030		10400		11800		8640		13900	
PCB-19	38444-73-4	ppt-TOC	95000		18800		4690		5560	U	3440	U	46900		46200		18800		38600	
PCB-190	41411-64-7	ppt-TOC	96700		67500		34700		6390		10500		68300		55400		43200		69500	
PCB-191	74472-50-7	ppt-TOC	18300		14000		7550		11400	U	2030		15600		12500		8640		15100	
PCB-192	74472-51-8	ppt-TOC	18300	U	10300	U	9390	U	11400	U	6880	U	299	U	300	U	4320	U	193	U
PCB-193	69782-91-8	ppt-TOC																		
PCB-194	35694-08-7	ppt-TOC	333000		275000		161000		83300		109000		156000		145000		176000		224000	
PCB-195	52663-78-2	ppt-TOC	130000		95000		53100		18100		23400		65400		69300		64800		100000	
PCB-196/203	PCB-196/203	ppt-TOC																		
PCB-197	33091-17-7	ppt-TOC	16700		11300		8570		3330		4840		5830		7160		8950		8880	
PCB-198	68194-17-2	ppt-TOC																		
PCB-199	52663-75-9	ppt-TOC											31300		32300		26200		42500	
PCB-2	2051-61-8	ppt-TOC	14300		7250		16300		2560		1450		11700		12900		10500	U	19700	
PCB-20/21/33	38444-84-7/5570	ppt-TOC																		
PCB-200	52663-73-7	ppt-TOC	51700		45000		22400		11900		15300									
PCB-201	40186-71-8	ppt-TOC	55000		47500		36700		38900		35900		22800		23100		19800		32800	
PCB-202	2136-99-4	ppt-TOC	108000		120000		133000		231000		203000		61200		60000		49400		81100	
PCB-204	74472-52-9	ppt-TOC	18300	U	10300	U	9390	U	11400	U	6880	U	213	U	208	U	1200	U	154	U
PCB-205	74472-53-0	ppt-TOC	18300		13000		9180		5830		6090		7820		8780		7100		12700	
PCB-206	40186-72-9	ppt-TOC	267000		250000		469000		889000		828000		137000		127000		120000		170000	
PCB-207	52663-79-3	ppt-TOC	30000		27500		38800		58300		51600		17100		17300		12700		22400	
PCB-208	52663-77-1	ppt-TOC	90000		95000		184000		389000		344000		52600		53100		40100		69500	
PCB-209	2051-24-3	ppt-TOC	233000		325000		490000		750000		703000		135000		169000		114000		205000	
PCB-22	38444-85-8	ppt-TOC	433000		125000		28600		7500		12200		256000		277000		173000		239000	
PCB-23	55720-44-0	ppt-TOC	3000		2750		2650		5560	U	3440	U	299	U	1130	U	2960		734	U
PCB-24/27	PCB-24/27	ppt-TOC																		
PCB-25	55712-37-3	ppt-TOC	103000		15800		5100		1470		2030		93900		102000		61700		112000	
PCB-26	38444-81-4	ppt-TOC																		
PCB-28	7012-37-5	ppt-TOC																		
PCB-29	15862-07-4	ppt-TOC																		
PCB-3	2051-62-9	ppt-TOC	35000		11300		26500		5280		2970		18500		22400		21000		38600	
PCB-30	35693-92-6	ppt-TOC	9330	U	5250	U	4690	U	5560	U	3440	U								
PCB-31	16606-02-3	ppt-TOC	1300000		400000		85700		24200		35900		797000		901000		556000		811000	
PCB-34	37680-68-5	ppt-TOC	7670		5250	U	4690	U	5560	U	3440	U	284	U	4620		3090	U	4630	
PCB-35	37680-69-6	ppt-TOC	33300		16000		14300		3330		7500		105000		46200		18200		46300	
PCB-36	38444-87-0	ppt-TOC	9330	U	5250	U	4690	U	5560	U	3440	U	256	U	1180	U	2690	U	772	U
PCB-37	38444-90-5	ppt-TOC	350000		85000		22400		6940		10200		299000		323000		269000		359000	
PCB-38	53555-66-1	ppt-TOC	9330	U	5250	U	4690	U	5560	U	3440	U	284	U	1320	U	2870	U	811	U
PCB-39	38444-88-1	ppt-TOC	9330	U	5250	U	4690	U	5560	U	3440	U	6690		6240		4940		5020	
PCB-4/10	PCB-4/10	ppt-TOC																		
PCB-40	38444-93-8	ppt-TOC																		
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC																		
PCB-42/59	36559-22-5/7447	ppt-TOC																		
PCB-43/49	PCB-43/49	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	AK001		AK001		AK001		AK001		AK001		AK999		AK999		AKA07		ARK07	
		Sample Name	6JMS00001		6JMS00002		6JMS00003		6JMS00004		6JMS00005		1JMS00115		1JMS00158		1JMS00008		1JMS00151	
		Date Collected	9/22/1998		9/22/1998		9/22/1998		9/22/1998		9/22/1998		6/23/2000		8/30/2000		7/13/1999		8/30/2000	
		Depth	0.0-1.6		1.6-2.0		2.0-3.3		3.3-4.3		4.3-6.2		0.0-0.3		0.0-0.3		0.0-0.3		0.0-0.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC																		
PCB-45	70362-45-7	ppt-TOC											228000		189000		92600		147000	
PCB-46	41464-47-5	ppt-TOC	167000		45000		10600		1140		3440		68300		60000		29600		46300	
PCB-47	2437-79-8	ppt-TOC																		
PCB-48/75	70362-47-9/3259	ppt-TOC																		
PCB-5/8	PCB-5/8	ppt-TOC																		
PCB-50	62796-65-0	ppt-TOC																		
PCB-51	68194-04-7	ppt-TOC											228000		189000		92600		147000	
PCB-52/69	35693-99-3/6023	ppt-TOC																		
PCB-53	41464-41-9	ppt-TOC																		
PCB-54	15968-05-5	ppt-TOC	4330		1030	U	939	U	1140	U	688	U	3840		3000		802	U	2930	
PCB-55	74338-24-2	ppt-TOC	28300		1030	U	939	U	1140	U	688	U	11500		18700		8020	U	16200	
PCB-56/60	PCB-56/60	ppt-TOC																		
PCB-57	70424-67-8	ppt-TOC	12300		1900		939	U	1140	U	688	U	6400		8310		8950	U	8880	
PCB-58	41464-49-7	ppt-TOC	1830	U	1030	U	939	U	1140	U	688	U	44100		39300		21300		31700	
PCB-6	25569-80-6	ppt-TOC	85000		11000		18200		5560	U	4690		38400		41600		26500		61800	
PCB-61/70	PCB-61/70	ppt-TOC																		
PCB-62	54230-22-7	ppt-TOC																		
PCB-63	74472-34-7	ppt-TOC	95000		25000		7960		2420		2030		46900		60000		25300		54100	
PCB-65	33284-54-7	ppt-TOC																		
PCB-67	73575-53-8	ppt-TOC	71700		15300		4080		1140	U	1390		32700		41600		15700		42500	
PCB-68	73575-52-7	ppt-TOC	10200		1030		939	U	1140	U	688	U	6970		9240		8330	U	11200	
PCB-7/9	PCB-7/9	ppt-TOC																		
PCB-73	74338-23-1	ppt-TOC	12300		5000		1820		1140	U	688	U	1140000		300	U	1050	U	270	U
PCB-74	32690-93-0	ppt-TOC																		
PCB-76/66	PCB-76/66	ppt-TOC																		
PCB-77	32598-13-3	ppt-TOC	183000		60000		38800		16900		12000		141000		162000		74100		174000	
PCB-78	70362-49-1	ppt-TOC	1830	U	1030	U	939	U	1140	U	688	U	484	U	1780	U	9260	U	1740	U
PCB-79	41464-48-6	ppt-TOC	25000		14800		7550		1670		1530		15600		15200		9570		11200	
PCB-80	33284-52-5	ppt-TOC	1830	U	1030	U	939	U	1140	U	688	U	413	U	1250	U	8020	U	1160	U
PCB-81	70362-50-4	ppt-TOC	1830	U	1030	U	939	U	3890		688	U	4690	U	2540		8640	U	2900	
PCB-82	52663-62-4	ppt-TOC	250000		130000		55100		11900		14800		156000		155000		89500		139000	
PCB-83	60145-20-2	ppt-TOC																		
PCB-84/92	52663-60-2/5266	ppt-TOC																		
PCB-85/116	PCB-85/116	ppt-TOC																		
PCB-86	55312-69-1	ppt-TOC																		
PCB-87/117/125	38380-02-8/6819	ppt-TOC																		
PCB-88/91	PCB-88/91	ppt-TOC	317000		178000		77600		17800		17200									
PCB-89	73575-57-2	ppt-TOC	40000		15800		5920		5560	U	1500		18500		20600		10500		17400	
PCB-90/101	PCB-90/101	ppt-TOC																		
PCB-93	73575-56-1	ppt-TOC																		
PCB-94	73575-55-0	ppt-TOC	13300		5500		2450		5560	U	3440	U	8110		8780		4630		10000	
PCB-95/98/102	38379-99-6/6023	ppt-TOC																		
PCB-96	73575-54-9	ppt-TOC	16700		7000		3270		5560	U	3440	U	5970		8780		5250		9650	
PCB-97	41464-51-1	ppt-TOC																		
PCB-99	38380-01-7	ppt-TOC																		
Total PCB Congeners (209)	No CAS	ppt-TOC	60200000		28300000		13800000		6220000		6090000		34100000		32600000		19400000		33100000	
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC											22600000		24500000		15300000		25500000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	HKA05		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED069		HR01SED069			
		Sample Name	1JMS00003		HR01SED067B-01		HR01SED067B-02		HR01SED067B-03		HR01SED067B-04		HR01SED067B-05		HR01SED067B-06		HR01SED069C-01		HR01SED069C-02			
		Date Collected	7/13/1999		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005			
		Depth	0.0-0.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-1	2051-60-7	ppt-TOC	65800		1720		328		231		225	U	257	U	211	U	8810		1960	U		
PCB-100	39485-83-1	ppt-TOC			669		83.3		100	U	225	U	257	U	211	U	3010		1960	U		
PCB-103	60145-21-3	ppt-TOC	42700		785		68.5	U	100	U	225	U	257	U	211	U	2440		1960	U		
PCB-104	56558-16-8	ppt-TOC	3420	U	74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-105	32598-14-4	ppt-TOC	795000		22700		1020		340		426		579		372		31300		1980			
PCB-106/118	PCB-106/118	ppt-TOC			48300		2520		789		1020		1540		1010		88300		4480			
PCB-107/109	70424-68-9/7447	ppt-TOC			3890		208		100	U	225	U	257	U	211	U	6890		1960	U		
PCB-108/112	70362-41-3/7447	ppt-TOC			3640		178		100	U	225	U	257	U	211	U	5580		1960	U		
PCB-11	2050-67-1	ppt-TOC	376000		2370		443		347		475		533		421	U	22200		3930	U		
PCB-110	38380-03-9	ppt-TOC			65300		3680		990		1280		2450		1210		117000		6100			
PCB-111/115	PCB-111/115	ppt-TOC			1450		71.5		100	U	225	U	257	U	211	U	2370		1960	U		
PCB-113	68194-10-5	ppt-TOC			181		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-114	74472-37-0	ppt-TOC	41000		1510		68.5	U	100	U	225	U	257	U	211	U	2730		1960	U		
PCB-119	56558-17-9	ppt-TOC			1410		108		100	U	225	U	257	U	211	U	4600		1960	U		
PCB-12/13	PCB-12/13	ppt-TOC	171000		7350		398		201	U	449	U	512	U	421	U	11100		3930	U		
PCB-120	68194-12-7	ppt-TOC	9400		109		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-121	56558-18-0	ppt-TOC	2740	U	74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-122	76842-07-4	ppt-TOC	26500		1140		68.5	U	100	U	225	U	257	U	211	U	1300		1960	U		
PCB-123	65510-44-3	ppt-TOC	35900		1420		68.5	U	100	U	225	U	257	U	211	U	1990		1960	U		
PCB-124	70424-70-3	ppt-TOC			2100		110		100	U	225	U	257	U	211	U	3370		1960	U		
PCB-126	57465-28-8	ppt-TOC	6070	U	312		68.5	U	100	U	225	U	257	U	211	U	653		1960	U		
PCB-127	39635-33-1	ppt-TOC	6410	U	74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-128/162	PCB-128/162	ppt-TOC			5600		428		126		243		289		211	U	10100		1960	U		
PCB-129	55215-18-4	ppt-TOC			1890		153		100	U	225	U	257	U	211	U	2110		1960	U		
PCB-130	52663-66-8	ppt-TOC	120000		2220		183		100	U	225	U	257	U	211	U	5390		1960	U		
PCB-131	61798-70-7	ppt-TOC	23900		74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-132/161	38380-05-1/7447	ppt-TOC			10800		900		194		492		624		262		17000		1960	U		
PCB-133/142	PCB-133/142	ppt-TOC			1130		90.8		100	U	225	U	257	U	211	U	2590		1960	U		
PCB-134/143	PCB-134/143	ppt-TOC	103000		2270		167		100	U	225	U	257	U	211	U	3560		1960	U		
PCB-135	52744-13-5	ppt-TOC			4910		479		101		251		318		211	U	11200		1960	U		
PCB-136	38411-22-2	ppt-TOC	325000		5300		453		107		276		324		211	U	9790		1960	U		
PCB-137	35694-06-5	ppt-TOC	84600		1860		144		100	U	225	U	257	U	211	U	3620		1960	U		
PCB-138/163/164	35065-28-2/7447	ppt-TOC			37900		3430		842		1300		2100		762		70800		4200			
PCB-139/149	PCB-139/149	ppt-TOC			32000		3260		717		1110		1770		879		72600		4080			
PCB-14	34883-41-5	ppt-TOC	5980	U	149	U	137	U	201	U	449	U	512	U	421	U	1720	U	3930	U		
PCB-140	59291-64-4	ppt-TOC			200		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-141	52712-04-6	ppt-TOC	342000		7310		712		174		428		385		211	U	11400		1960	U		
PCB-144	68194-14-9	ppt-TOC	94000		2140		208		100	U	225	U	257	U	211	U	3620		1960	U		
PCB-145	74472-40-5	ppt-TOC	3850	U	74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-146/165	51908-16-8/7447	ppt-TOC			4620		479		121		303		309		211	U	13600		1960	U		
PCB-147	68194-13-8	ppt-TOC			1010		108		100	U	225	U	257	U	211	U	3890		1960	U		
PCB-148	74472-41-6	ppt-TOC	8460		74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-15	2050-68-2	ppt-TOC	1030000		21600		1730		251		486		730		421	U	49400		3930	U		
PCB-150	68194-08-1	ppt-TOC	23100		82.1		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-151	52663-63-5	ppt-TOC			8260		908		204		497		464		211	U	16900		1960	U		
PCB-152	68194-09-2	ppt-TOC	3500	U	74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-153	35065-27-1	ppt-TOC			33300		3330		774		1140		1870		813		82800		4100			
PCB-154	60145-22-4	ppt-TOC	94000		467		68.5	U	100	U	225	U	257	U	211	U	3410		1960	U		
PCB-155	33979-03-2	ppt-TOC	19700		74.5	U	68.5	U	100	U	225	U	257	U	211	U	1180		1960	U		
PCB-156	38380-08-4	ppt-TOC			2980		238		100	U	225	U	257	U	211	U	6030		1960	U		
PCB-157	69782-90-7	ppt-TOC			788		68.5	U	100	U	225	U	257	U	211	U	1370		1960	U		
PCB-158/160	74472-42-7/4141	ppt-TOC			4450		390		102		231		257	U	211	U	7880		1960	U		
PCB-159	39635-35-3	ppt-TOC	17100		301		68.5	U	100	U	225	U	257	U	211	U	1030		1960	U		
PCB-16/32	PCB-16/32	ppt-TOC			17100		1430		344		575		879		211	U	47000		1960	U		
PCB-166	41411-63-6	ppt-TOC			164		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-167	52663-72-6	ppt-TOC	83800		1390		127		100	U	225	U	257	U	211	U	3010		1960	U		
PCB-168	59291-65-5	ppt-TOC			74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-169	32774-16-6	ppt-TOC	7520	U	74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-17	37680-66-3	ppt-TOC	393000		10300		875		163		303		524		211	U	28300		1960	U		
PCB-170	35065-30-6	ppt-TOC	496000		8830		1050		258		692		545		211	U	13800		1960	U		
PCB-171	52663-71-5	ppt-TOC			2480		301		100	U	225	U	257	U	211	U	4570		1960	U		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	HKA05		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED069		HR01SED069				
		Sample Name	1JMS00003		HR01SED067B-01		HR01SED067B-02		HR01SED067B-03		HR01SED067B-04		HR01SED067B-05		HR01SED067B-06		HR01SED069C-01		HR01SED069C-02				
		Date Collected	7/13/1999		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005				
		Depth	0.0-0.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-172	52663-74-8	ppt-TOC	85500		1500		200		100	U	225	U	257	U	211	U	2830		1960	U			
PCB-173	68194-16-1	ppt-TOC			226		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-174	38411-25-5	ppt-TOC	444000		9910		1210		286		836		694		211	U	16800		1960	U			
PCB-175	40186-70-7	ppt-TOC	24800		509		68.5	U	100	U	225	U	257	U	211	U	1180		1960	U			
PCB-176	52663-65-7	ppt-TOC	82900		1350		173		100	U	225	U	257	U	211	U	2600		1960	U			
PCB-177	52663-70-4	ppt-TOC	316000		5680		709		172		472		336		211	U	11800		1960	U			
PCB-178	52663-67-9	ppt-TOC	145000		2140		270		100	U	225	U	257	U	211	U	5760		1960	U			
PCB-179	52663-64-6	ppt-TOC	308000		4720		595		167		331		259		211	U	9100		1960	U			
PCB-18	37680-65-2	ppt-TOC			22500		1910		510		545		1280		267		68700		2470				
PCB-180	35065-29-3	ppt-TOC			22800		2810		740		954		1260		262		41100		2700				
PCB-181	74472-47-2	ppt-TOC	4440	U	86.2		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-182/187	PCB-182/187	ppt-TOC			14100		1680		499		953		667		239		33600		2110				
PCB-183	52663-69-1	ppt-TOC	376000		6440		768		212		417		321		211	U	12300		1960	U			
PCB-184	74472-48-3	ppt-TOC	3080	U	74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-185	52712-05-7	ppt-TOC	40200		1170		159		100	U	225	U	257	U	211	U	1920		1960	U			
PCB-186	74472-49-4	ppt-TOC	3420	U	74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-188	74487-85-7	ppt-TOC	6150	U	74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-189	39635-31-9	ppt-TOC	20500		355		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-19	38444-73-4	ppt-TOC	69200		3570		278		100	U	225	U	257	U	211	U	5910		1960	U			
PCB-190	41411-64-7	ppt-TOC	85500		1860		221		100	U	225	U	257	U	211	U	3340		1960	U			
PCB-191	74472-50-7	ppt-TOC	20500		354		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-192	74472-51-8	ppt-TOC	3590	U	74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-193	69782-91-8	ppt-TOC			1010		137		100	U	225	U	257	U	211	U	2130		1960	U			
PCB-194	35694-08-7	ppt-TOC	385000		6280		699		253		431		315		211	U	8360		1960	U			
PCB-195	52663-78-2	ppt-TOC	120000		2250		281		100	U	225	U	257	U	211	U	3230		1960	U			
PCB-196/203	PCB-196/203	ppt-TOC			7290		875		311		639		418		211	U	12600		1960	U			
PCB-197	33091-17-7	ppt-TOC	15400		224		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-198	68194-17-2	ppt-TOC			325		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-199	52663-75-9	ppt-TOC	69200		6780		815		230		656		455		211	U	12400		1960	U			
PCB-2	2051-61-8	ppt-TOC	21400		485		361		530		590		570		346		3520		1960	U			
PCB-20/21/33	38444-84-7/5570	ppt-TOC			10200		1380		207		478		694		216		37300		2260				
PCB-200	52663-73-7	ppt-TOC			812		95		100	U	225	U	257	U	211	U	1230		1960	U			
PCB-201	40186-71-8	ppt-TOC	49600		927		107		100	U	225	U	257	U	211	U	1870		1960	U			
PCB-202	2136-99-4	ppt-TOC	145000		1530		192		157		225	U	257	U	211	U	4780		1960	U			
PCB-204	74472-52-9	ppt-TOC	3500	U	74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-205	74472-53-0	ppt-TOC	17100		251		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-206	40186-72-9	ppt-TOC	316000		4810		494		435		268		257	U	211	U	8660		1960	U			
PCB-207	52663-79-3	ppt-TOC	35900		508		68.5	U	100	U	225	U	257	U	211	U	1560		1960	U			
PCB-208	52663-77-1	ppt-TOC	111000		1170		142		181		225	U	257	U	211	U	3140		1960	U			
PCB-209	2051-24-3	ppt-TOC	291000		2460		303		453		225	U	257	U	211	U	10200		1960	U			
PCB-22	38444-85-8	ppt-TOC	487000		14200		1060		164		339		512		211	U	33900		1960	U			
PCB-23	55720-44-0	ppt-TOC	4020	U	74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-24/27	PCB-24/27	ppt-TOC			2770		228		100	U	225	U	257	U	211	U	6920		1960	U			
PCB-25	55712-37-3	ppt-TOC	222000		7740		563		100	U	225	U	309		211	U	15200		1960	U			
PCB-26	38444-81-4	ppt-TOC			9640		698		100	U	249		412		211	U	23100		1960	U			
PCB-28	7012-37-5	ppt-TOC			48300		3580		489		747		1800		377		134000		5830				
PCB-29	15862-07-4	ppt-TOC			155		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-3	2051-62-9	ppt-TOC	77800		2450		498		372		229		257	U	211	U	4730		1960	U			
PCB-30	35693-92-6	ppt-TOC			74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-31	16606-02-3	ppt-TOC	1710000		30500		2430		436		572		1430		341		94000		4680				
PCB-34	37680-68-5	ppt-TOC	9400		296		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-35	37680-69-6	ppt-TOC	63200		892		68.5	U	100	U	225	U	257	U	211	U	3170		1960	U			
PCB-36	38444-87-0	ppt-TOC	3330	U	74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-37	38444-90-5	ppt-TOC	855000		15900		774		133		331		491		211	U	33800		2110				
PCB-38	53555-66-1	ppt-TOC	3590	U	489		68.5	U	100	U	225	U	257	U	211	U	1260		1960	U			
PCB-39	38444-88-1	ppt-TOC	14500		108		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U			
PCB-4/10	PCB-4/10	ppt-TOC			8950		808		267	U	449	U	512	U	421	U	14000		3930	U			
PCB-40	38444-93-8	ppt-TOC			6130		379		100	U	225	U	278		211	U	13300		1960	U			
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC					1980		428		631		1540		464				5080				
PCB-42/59	36559-22-5/7447	ppt-TOC			25200		983		191		367		548		211	U	43900		2430				
PCB-43/49	PCB-43/49	ppt-TOC			56900		2680		494		594		1520		441		113000		5150				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	HKA05		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED069		HR01SED069			
		Sample Name	1JMS00003		HR01SED067B-01		HR01SED067B-02		HR01SED067B-03		HR01SED067B-04		HR01SED067B-05		HR01SED067B-06		HR01SED069C-01		HR01SED069C-02			
		Date Collected	7/13/1999		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005			
		Depth	0.0-0.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-44	41464-39-5	ppt-TOC			55200		2640		642		802		1700		469		111000		5680			
PCB-45	70362-45-7	ppt-TOC	342000		8360		451		100	U	225	U	286		211	U	15300		1960	U		
PCB-46	41464-47-5	ppt-TOC	103000		3850		207		100	U	225	U	257	U	211	U	6470		1960	U		
PCB-47	2437-79-8	ppt-TOC			24200		1300		252		235		803		256	U	55200		4180	U		
PCB-48/75	70362-47-9/3259	ppt-TOC			13100		515		110		225	U	294		211	U	22900		1960	U		
PCB-5/8	PCB-5/8	ppt-TOC			14900		2420		351		525		603		421	U	32100		3930	U		
PCB-50	62796-65-0	ppt-TOC			205		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-51	68194-04-7	ppt-TOC	342000		4350		321		100	U	225	U	257	U	211	U	10300		1960	U		
PCB-52/69	35693-99-3/6023	ppt-TOC			59700		3310		825		878		2050		518		136000		6350			
PCB-53	41464-41-9	ppt-TOC			9640		548		108		238		382		211	U	18100		1960	U		
PCB-54	15968-05-5	ppt-TOC	8550		212		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-55	74338-24-2	ppt-TOC	17900		1550		68.5	U	100	U	225	U	257	U	211	U	1310		1960	U		
PCB-56/60	PCB-56/60	ppt-TOC			48300		1230		306		386		691		344		57200		3080			
PCB-57	70424-67-8	ppt-TOC	12000		442		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-58	41464-49-7	ppt-TOC	65000		161		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-6	25569-80-6	ppt-TOC	120000		8770		875		201	U	449	U	512	U	421	U	9890		3930	U		
PCB-61/70	PCB-61/70	ppt-TOC			56600		2150		570		661		1240		600		104000		5000			
PCB-62	54230-22-7	ppt-TOC			74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-63	74472-34-7	ppt-TOC	76100		2840		90.8		100	U	225	U	257	U	211	U	3700		1960	U		
PCB-65	33284-54-7	ppt-TOC			74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-67	73575-53-8	ppt-TOC	54700		2970		73.9		100	U	225	U	257	U	211	U	3280		1960	U		
PCB-68	73575-52-7	ppt-TOC	16200		280		68.5	U	100	U	225	U	257	U	211	U	1020		1960	U		
PCB-7/9	PCB-7/9	ppt-TOC			1490		288		201	U	449	U	512	U	421	U	4820		3930	U		
PCB-73	74338-23-1	ppt-TOC	5130	U	74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-74	32690-93-0	ppt-TOC			33600		908		219		325		573		222		52200		2450			
PCB-76/66	PCB-76/66	ppt-TOC			65500		1950		423		543		1070		446		99300		4980			
PCB-77	32598-13-3	ppt-TOC	282000		8070		238		100	U	225	U	257	U	211	U	10100		1960	U		
PCB-78	70362-49-1	ppt-TOC	4790	U	74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-79	41464-48-6	ppt-TOC	25600		580		68.5	U	100	U	225	U	257	U	211	U	2220	U	1960	U		
PCB-80	33284-52-5	ppt-TOC	4190	U	74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-81	70362-50-4	ppt-TOC	9400	U	275		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-82	52663-62-4	ppt-TOC	248000		10300		425		113		225	U	257	U	211	U	10700		1960	U		
PCB-83	60145-20-2	ppt-TOC			135		68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-84/92	52663-60-2/5266	ppt-TOC			26400		1400		349		456		876		379		42200		2630			
PCB-85/116	PCB-85/116	ppt-TOC			14400		553		164		265		391		253		20900		1960	U		
PCB-86	55312-69-1	ppt-TOC			1030		68.5	U	100	U	225	U	257	U	211	U	988		1960	U		
PCB-87/117/125	38380-02-8/6819	ppt-TOC			26400		1200		347		407		794		413		33700		2090			
PCB-88/91	PCB-88/91	ppt-TOC			11500		581		140		225	U	370		211	U	21400		1960	U		
PCB-89	73575-57-2	ppt-TOC	31600		1590		68.5	U	100	U	225	U	257	U	211	U	1920		1960	U		
PCB-90/101	PCB-90/101	ppt-TOC			59300		3650		952		1160		2160		1110		114000		6130			
PCB-93	73575-56-1	ppt-TOC			74.5	U	68.5	U	100	U	225	U	257	U	211	U	862	U	1960	U		
PCB-94	73575-55-0	ppt-TOC	17100		572		68.5	U	100	U	225	U	257	U	211	U	1290		1960	U		
PCB-95/98/102	38379-99-6/6023	ppt-TOC			46400		2750		668		895		1790		641		77700		4630			
PCB-96	73575-54-9	ppt-TOC	21400		605		68.5	U	100	U	225	U	257	U	211	U	901		1960	U		
PCB-97	41464-51-1	ppt-TOC			22000		1050		259		447		612		372		33600		1960	U		
PCB-99	38380-01-7	ppt-TOC			30700		1570		364		465		855		510		63400		3500			
Total PCB Congeners (209)	No CAS	ppt-TOC	58200000		1450000		96700		22300		24700		50000		14500		2870000		106000			
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	43800000		1070000		74100		18900		21700		39100		13300		2200000		102000			

Table B-6
TOC-Normalized Congener PCBs

		Location ID	HRRISED003		HRRISED003		HRRISED003		HRRISED004		HRRISED004		HRRISED005		HRRISED005		HRRISED005		HRRISED005		
		Sample Name	HRRISED003C-01		HRRISED003C-02		HRRISED003C-03		HRRISED004B-01		HRRISED004B-02		HRRISED005B-01		HRRISED005B-02		HRRISED005B-03		HRRISED005B-04		
		Date Collected	10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		
		Depth	0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5		0.5-2.0		2.0-4.0		4.0-6.0		
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N		
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
PCB-1	2051-60-7	ppt-TOC	32900		6270		896	U	2120		107	U	21600		31300		4030		2220		
PCB-100	39485-83-1	ppt-TOC	7160		2230		896	U	421		107	U	85100		18700		21500		807		
PCB-103	60145-21-3	ppt-TOC	8740		3060		896	U	354		107	U	81400		29100		14000		2240		
PCB-104	56558-16-8	ppt-TOC	372		1500	U	896	U	113	U	107	U	565	U	349	U	597	U	889	U	
PCB-105	32598-14-4	ppt-TOC	126000		45000		2190		3780		369		565000		447000		74100		29500		
PCB-106/118	PCB-106/118	ppt-TOC	336000		126000		6930		11900		1160		1790000		1340000		272000		87800		
PCB-107/109	70424-68-9/7447	ppt-TOC	25600		9790		896	U	991		107	U	565	U	98200		18600		6150		
PCB-108/112	70362-41-3/7447	ppt-TOC	19300		8130		896	U	868		107	U	100000		82700		12400		3670		
PCB-11	2050-67-1	ppt-TOC	115000		29800		2670		2770		313		316000		409000		62800		9560		
PCB-110	38380-03-9	ppt-TOC	472000		195000		10300		18100		1690		2470000		1840000		374000		107000		
PCB-111/115	PCB-111/115	ppt-TOC	8370		3420		896	U	324		107	U	37000		349	U	4620		1970		
PCB-113	68194-10-5	ppt-TOC	1470		909		896	U	113	U	107	U	565	U	349	U	628		889	U	
PCB-114	74472-37-0	ppt-TOC	7680		2830		896	U	254		107	U	42700		35600		4440		1700		
PCB-119	56558-17-9	ppt-TOC	14500		5050		896	U	582		107	U	105000		50400		20600		2860		
PCB-12/13	PCB-12/13	ppt-TOC	114000		28600		1840		1430		213	U	77300		90900		8310		2870		
PCB-120	68194-12-7	ppt-TOC	937		489		896	U	113	U	107	U	565	U	349	U	1470		474		
PCB-121	56558-18-0	ppt-TOC	647	U	1500	U	896	U	113	U	107	U	565	U	349	U	597	U	889	U	
PCB-122	76842-07-4	ppt-TOC	5070		1780		896	U	158		107	U	21800		19600		2300		856		
PCB-123	65510-44-3	ppt-TOC	6790		2600		896	U	264		107	U	26100		22200		3620		1500		
PCB-124	70424-70-3	ppt-TOC	12700		5360		896	U	459		107	U	68100		50200		9770		3630		
PCB-126	57465-28-8	ppt-TOC	2150		875		896	U	113	U	107	U	9240		6450		1670		456		
PCB-127	39635-33-1	ppt-TOC	647	U	1500	U	896	U	113	U	107	U	565	U	885		941		889	U	
PCB-128/162	PCB-128/162	ppt-TOC	44700		18000		896	U	1720		207		267000		193000		42600		14200		
PCB-129	55215-18-4	ppt-TOC	10500		5380		896	U	491		107	U	74600		53800		12800		3810		
PCB-130	52663-66-8	ppt-TOC	18600		8680		896	U	705		107	U	106000		70500		21400		6700		
PCB-131	61798-70-7	ppt-TOC	647	U	1500	U	896	U	113	U	107	U	484		349	U	597	U	889	U	
PCB-132/161	38380-05-1/7447	ppt-TOC	85300		47900		1740		3600		405		549000		360000		100000		30800		
PCB-133/142	PCB-133/142	ppt-TOC	9110		4840		896	U	364		107	U	73500		38500		11600		4190		
PCB-134/143	PCB-134/143	ppt-TOC	15500		9050		896	U	673		107	U	126000		75100		21300		5630		
PCB-135	52744-13-5	ppt-TOC	41000		25900		896	U	1800		186		330000		173000		60300		20200		
PCB-136	38411-22-2	ppt-TOC	47200		23500		989		1920		205		432000		204000		80300		23800		
PCB-137	35694-06-5	ppt-TOC	11200		4560		896	U	536		107	U	81900		63600		13500		4780		
PCB-138/163/164	35065-28-2/7447	ppt-TOC	315000		200000		6390		13100		1580		2240000		1320000		438000		141000		
PCB-139/149	PCB-139/149	ppt-TOC	287000		200000		6320		11700		1320		2440000		1210000		487000		147000		
PCB-14	34883-41-5	ppt-TOC	1290	U	3000	U	1790	U	226	U	213	U	1130	U	700	U	1190	U	1770	U	
PCB-140	59291-64-4	ppt-TOC	1890		1140		896	U	113	U	107	U	14900		7090		2390		944		
PCB-141	52712-04-6	ppt-TOC	55800		42800		1140		2280		319		419000		249000		83600		29600		
PCB-144	68194-14-9	ppt-TOC	15600		10500		896	U	555		107	U	114000		62400		22000		8000		
PCB-145	74472-40-5	ppt-TOC	647	U	1500	U	896	U	113	U	107	U	565	U	349	U	201		889	U	
PCB-146/165	51908-16-8/7447	ppt-TOC	50400		29000		1030		1990		230		432000		205000		77400		24000		
PCB-147	68194-13-8	ppt-TOC	9580		3750		896	U	500		107	U	154000		38400		17400		3440		
PCB-148	74472-41-6	ppt-TOC	926		645		896	U	113	U	107	U	16400		2270		2410		893		
PCB-15	2050-68-2	ppt-TOC	398000		95600		5710		6770		496		357000		409000		11300		11600		
PCB-150	68194-08-1	ppt-TOC	1730		763		896	U	113	U	107	U	49500		9310		8440		981		
PCB-151	52663-63-5	ppt-TOC	79500		61200		1610		3130		387		681000		316000		125000		49300		
PCB-152	68194-09-2	ppt-TOC	478		1500	U	896	U	113	U	107	U	565	U	349	U	313		288		
PCB-153	35065-27-1	ppt-TOC	347000		219000		6710		13500		1500		2920000		1430000		623000		196000		
PCB-154	60145-22-4	ppt-TOC	9530		3920		896	U	477		107	U	243000		44200		43300		6520		
PCB-155	33979-03-2	ppt-TOC	2850		817		896	U	113	U	107	U	7650		1190		1330		889	U	
PCB-156	38380-08-4	ppt-TOC	25600		11500		896	U	995		115		186000		349	U	34400		10800		
PCB-157	69782-90-7	ppt-TOC	6210		2290		896	U	290		107	U	37000		26400		7130		7370		
PCB-158/160	74472-42-7/4141	ppt-TOC	32900		19200		896	U	1390		179		229000		141000		43100		13500		
PCB-159	39635-35-3	ppt-TOC	5680		5210		896	U	113	U	107	U	33000		17800		11000		6960		
PCB-16/32	PCB-16/32	ppt-TOC	568000		145000		8360		6590		613		759000		836000		14000		11800		
PCB-166	41411-63-6	ppt-TOC	1310		592		896	U	113	U	107	U	7160		5640		1240		889	U	
PCB-167	52663-72-6	ppt-TOC	11800		5120		896	U	491		107	U	78900		50000		15000		4370		
PCB-168	59291-65-5	ppt-TOC	821		736		896	U	113	U	107	U	8410		349	U	1500		889	U	
PCB-169	32774-16-6	ppt-TOC	647	U	1500	U	896	U	113	U	107	U	565	U	349	U	597	U	889	U	
PCB-17	37680-66-3	ppt-TOC	425000		101000		6250		4350		378		630000		671000		10700		8780		
PCB-170	35065-30-6	ppt-TOC	79500		47700		1680		2830		389		541000		311000		130000		59600		
PCB-171	52663-71-5	ppt-TOC	23900		14900		896	U	886		117		153000		88400		36700		17200		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	HRRISED003		HRRISED003		HRRISED003		HRRISED004		HRRISED004		HRRISED005		HRRISED005		HRRISED005		HRRISED005				
		Sample Name	HRRISED003C-01		HRRISED003C-02		HRRISED003C-03		HRRISED004B-01		HRRISED004B-02		HRRISED005B-01		HRRISED005B-02		HRRISED005B-03		HRRISED005B-04				
		Date Collected	10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006				
		Depth	0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5		0.5-2.0		2.0-4.0		4.0-6.0				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-172	52663-74-8	ppt-TOC	15200		9130		896	U	555		107	U	93800		56000		23700		20700				
PCB-173	68194-16-1	ppt-TOC	1950		2560		896	U	113	U	107	U	12700		6820		2900		1460				
PCB-174	38411-25-5	ppt-TOC	101000		70900		2080		3570		526		651000		356000		155000		90400				
PCB-175	40186-70-7	ppt-TOC	4390		3110		896	U	214		107	U	30800		18500		7850		7480				
PCB-176	52663-65-7	ppt-TOC	12500		8570		896	U	505		107	U	92700		51100		22600		13100				
PCB-177	52663-70-4	ppt-TOC	62600		40800		1290		2240		313		378000		216000		88700		48500				
PCB-178	52663-67-9	ppt-TOC	21800		15100		896	U	891		127		179000		84700		39500		40000				
PCB-179	52663-64-6	ppt-TOC	49300		31700		1150		2000		288		395000		198000		93100		60700				
PCB-18	37680-65-2	ppt-TOC	926000		180000		14100		10200		917		1330000		1390000		14900		12300				
PCB-180	35065-29-3	ppt-TOC	245000		137000		4710		8320		1260		1470000		856000		415000		246000				
PCB-181	74472-47-2	ppt-TOC	674		383		896	U	113	U	107	U	565	U	349	U	713		604				
PCB-182/187	PCB-182/187	ppt-TOC	146000		101000		3380		5860		887		1220000		555000		297000		262000				
PCB-183	52663-69-1	ppt-TOC	54200		37400		1320		2150		356		427000		231000		113000		78500				
PCB-184	74472-48-3	ppt-TOC	490		1500	U	896	U	113	U	107	U	565	U	1420		613		889	U			
PCB-185	52712-05-7	ppt-TOC	11500		8720		896	U	423		107	U	72700		41600		20100		13000				
PCB-186	74472-49-4	ppt-TOC	647	U	1500	U	896	U	113	U	107	U	565	U	349	U	597	U	889	U			
PCB-188	74487-85-7	ppt-TOC	663		1500	U	896	U	113	U	107	U	13200		2270		1680		2060				
PCB-189	39635-31-9	ppt-TOC	3280		1480		896	U	145		107	U	17500		12600		4870		2720				
PCB-19	38444-73-4	ppt-TOC	97400		25200		1440		1150		107	U	87000		100000		1720		1820				
PCB-190	41411-64-7	ppt-TOC	16500		11200		896	U	614		107	U	113000		65800		29500		13900				
PCB-191	74472-50-7	ppt-TOC	3720		2270		896	U	155		107	U	22500		12600		5460		3200				
PCB-192	74472-51-8	ppt-TOC	647	U	1500	U	896	U	113	U	107	U	565	U	349	U	597	U	889	U			
PCB-193	69782-91-8	ppt-TOC	11300		7450		896	U	414		107	U	75400		37300		17300		11100				
PCB-194	35694-08-7	ppt-TOC	66800		23000		1080		1930		307		351000		225000		135000		170000				
PCB-195	52663-78-2	ppt-TOC	22800		12100		896	U	655		107	U	155000		90700		46400		34300				
PCB-196/203	PCB-196/203	ppt-TOC	97400		37400		1930		3200		535		432000		280000		216000		574000				
PCB-197	33091-17-7	ppt-TOC	3170		1420		896	U	113	U	107	U	15900		9950		6310		7890				
PCB-198	68194-17-2	ppt-TOC	4910		1610		896	U	154		107	U	565	U	349	U	10000		44800				
PCB-199	52663-75-9	ppt-TOC	109000		37700		1890		3170		565		405000		267000		221000		811000				
PCB-2	2051-61-8	ppt-TOC	9260		3890		896	U	1090		539		8920		10500		3460		4110				
PCB-20/21/33	38444-84-7/5570	ppt-TOC	356000		106000		6750		4590		346		614000		736000		12400		9630				
PCB-200	52663-73-7	ppt-TOC	9320		1960		896	U	301		107	U	45100		29300		17600		18900				
PCB-201	40186-71-8	ppt-TOC	14700		5260		896	U	397		107	U	57000		37500		27700		65600				
PCB-202	2136-99-4	ppt-TOC	45700		10600		896	U	841		148		113000		71300		84100		485000				
PCB-204	74472-52-9	ppt-TOC	235		1500	U	896	U	113	U	107	U	565	U	349	U	497		1530				
PCB-205	74472-53-0	ppt-TOC	3090		1760		896	U	113	U	107	U	17400		11900		6330		11600				
PCB-206	40186-72-9	ppt-TOC	143000		24300		1460		2110		317		265000		185000		313000		1930000				
PCB-207	52663-79-3	ppt-TOC	11200		1990		896	U	225		107	U	25600		17600		28200		94100				
PCB-208	52663-77-1	ppt-TOC	54700		8080		896	U	659		107	U	77600		50700		122000		822000				
PCB-209	2051-24-3	ppt-TOC	145000		20000		1410		1590		139		273000		225000		462000		1560000				
PCB-22	38444-85-8	ppt-TOC	295000		87100		5500		4180		310		438000		525000		9130		6260				
PCB-23	55720-44-0	ppt-TOC	847		454		896	U	113	U	107	U	565	U	349	U	267		889	U			
PCB-24/27	PCB-24/27	ppt-TOC	87900		24600		1330		1220		142		83200		98400		3000		1870				
PCB-25	55712-37-3	ppt-TOC	143000		60700		3010		2670		308		130000		143000		3690		3130				
PCB-26	38444-81-4	ppt-TOC	215000		79200		3960		3840		385		256000		264000		11200		4150				
PCB-28	7012-37-5	ppt-TOC	858000		328000		17000		16500		1070		1620000		1890000		34600		30000				
PCB-29	15862-07-4	ppt-TOC	4820		1230		896	U	113	U	107	U	4050		5400		377		889	U			
PCB-3	2051-62-9	ppt-TOC	28600		6960		896	U	1350		155		20600		29500		6510		5040				
PCB-30	35693-92-6	ppt-TOC	863		1500	U	896	U	113	U	107	U	565	U	349	U	597	U	889	U			
PCB-31	16606-02-3	ppt-TOC	816000		282000		15200		13900		1010		1420000		1410000		34100		20500				
PCB-34	37680-68-5	ppt-TOC	8950		2730		896	U	120		107	U	13300		16600		726		889	U			
PCB-35	37680-69-6	ppt-TOC	19300		6020		896	U	384		107	U	46200		44900		14300		967				
PCB-36	38444-87-0	ppt-TOC	464		436		896	U	113	U	107	U	1450		349	U	449		889	U			
PCB-37	38444-90-5	ppt-TOC	212000		74300		4070		4150		297		338000		369000		11900		7260				
PCB-38	53555-66-1	ppt-TOC	7050		1670		896	U	160		107	U	13100		11500		892		889	U			
PCB-39	38444-88-1	ppt-TOC	1880		840		896	U	113	U	107	U	3780		349	U	1120		889	U			
PCB-4/10	PCB-4/10	ppt-TOC	187000		48700		1790	U	2350		213	U	109000		152000		4000		2430				
PCB-40	38444-93-8	ppt-TOC	52400		20400		3510		1340		278		196000		193000		5100		2170				
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	416000		161000		14100		9270		1170		1260000		1150000		41000		24100				
PCB-42/59	36559-22-5/7447	ppt-TOC	262000		96400		7360		6230		652		643000		618000		23800		11700				
PCB-43/49	PCB-43/49	ppt-TOC	653000		284000		17100		19600		2200		1900000		1670000		128000		37400				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	HRRISED003		HRRISED003		HRRISED003		HRRISED004		HRRISED004		HRRISED005		HRRISED005		HRRISED005		HRRISED005		
		Sample Name	HRRISED003C-01		HRRISED003C-02		HRRISED003C-03		HRRISED004B-01		HRRISED004B-02		HRRISED005B-01		HRRISED005B-02		HRRISED005B-03		HRRISED005B-04		
		Date Collected	10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		
		Depth	0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5		0.5-2.0		2.0-4.0		4.0-6.0		
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N		
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
PCB-44	41464-39-5	ppt-TOC	658000		271000		17500		16900		1590		1900000		1800000		89500		36000		
PCB-45	70362-45-7	ppt-TOC	112000		48300		2650		2800		197		262000		284000		5280		3780		
PCB-46	41464-47-5	ppt-TOC	48200		20400		1250		1420		172		112000		115000		2510		1790		
PCB-47	2437-79-8	ppt-TOC	272000		107000		7360		9360		1070		743000		673000		45100		13000		
PCB-48/75	70362-47-9/3259	ppt-TOC	152000		65300		4290		3450		341		362000		347000		9590		6410		
PCB-5/8	PCB-5/8	ppt-TOC	434000		88300		5210		5230		535		270000		373000		10700		5480		
PCB-50	62796-65-0	ppt-TOC	2810		1220		896	U	113	U	107	U	565	U	3360		597	U	889	U	
PCB-51	68194-04-7	ppt-TOC	52100		20600		1170		2100		270		94100		98700		2690		1240		
PCB-52/69	35693-99-3/6023	ppt-TOC	837000		341000		19200		24100		2320		2700000		2290000		236000		93700		
PCB-53	41464-41-9	ppt-TOC	126000		52600		2930		4230		570		273000		280000		7510		4370		
PCB-54	15968-05-5	ppt-TOC	2820		1060		896	U	155		107	U	565	U	349	U	597	U	889	U	
PCB-55	74338-24-2	ppt-TOC	8260		3210		896	U	220		107	U	565	U	16700		3000		670		
PCB-56/60	PCB-56/60	ppt-TOC	368000		146000		8210		8730		722		1010000		955000		29700		16200		
PCB-57	70424-67-8	ppt-TOC	3040		1340		896	U	127		107	U	9890		8330		790		889	U	
PCB-58	41464-49-7	ppt-TOC	2160		930		896	U	113	U	107	U	5510		5600		649		889	U	
PCB-6	25569-80-6	ppt-TOC	191000		43100		1980		2480		213	U	55900		82200		2870		1510		
PCB-61/70	PCB-61/70	ppt-TOC	674000		250000		15700		15900		1420		2220000		2110000		124000		46700		
PCB-62	54230-22-7	ppt-TOC	243		1500	U	896	U	113	U	107	U	565	U	349	U	597	U	889	U	
PCB-63	74472-34-7	ppt-TOC	17800		7560		896	U	632		107	U	61100		63800		2790		1280		
PCB-65	33284-54-7	ppt-TOC	753		1500	U	896	U	113	U	107	U	565	U	349	U	597	U	889	U	
PCB-67	73575-53-8	ppt-TOC	24300		8800		896	U	559		107	U	56500		55100		3330		904		
PCB-68	73575-52-7	ppt-TOC	30700		1150		896	U	130		107	U	8240		7910		995		422		
PCB-7/9	PCB-7/9	ppt-TOC	42500		8700		1790	U	527		213	U	21800		37300		4440		1770	U	
PCB-73	74338-23-1	ppt-TOC	647	U	1500	U	896	U	113	U	107	U	565	U	349	U	597	U	889	U	
PCB-74	32690-93-0	ppt-TOC	302000		101000		6750		7270		626		935000		862000		37900		18200		
PCB-76/66	PCB-76/66	ppt-TOC	600000		226000		14400		15300		1310		1880000		1790000		80500		35000		
PCB-77	32598-13-3	ppt-TOC	65800		24100		1370		1730		163		221000		220000		33300		3660		
PCB-78	70362-49-1	ppt-TOC	1290		686		896	U	113	U	107	U	3760		4890		1950		889	U	
PCB-79	41464-48-6	ppt-TOC	7000		2540		896	U	236		107	U	45900		30200		18900		1600		
PCB-80	33284-52-5	ppt-TOC	647	U	1500	U	896	U	113	U	107	U	565	U	349	U	597	U	889	U	
PCB-81	70362-50-4	ppt-TOC	1970		857		896	U	113	U	107	U	1190		1490		751		389		
PCB-82	52663-62-4	ppt-TOC	47400		20000		904		1720		157		172000		164000		18900		8040		
PCB-83	60145-20-2	ppt-TOC	532		1500	U	896	U	113	U	107	U	843		607		597	U	889	U	
PCB-84/92	52663-60-2/5266	ppt-TOC	180000		71600		4210		6860		661		973000		733000		131000		36400		
PCB-85/116	PCB-85/116	ppt-TOC	65800		26900		1450		2650		254		292000		276000		33100		14200		
PCB-86	55312-69-1	ppt-TOC	2560		1350		896	U	113	U	107	U	565	U	349	U	731		889	U	
PCB-87/117/125	38380-02-8/6819	ppt-TOC	122000		50700		2360		4860		465		624000		496000		82600		27400		
PCB-88/91	PCB-88/91	ppt-TOC	93700		34500		2290		3180		326		584000		331000		91000		16000		
PCB-89	73575-57-2	ppt-TOC	7050		2980		896	U	280		107	U	18500		20400		1350		826		
PCB-90/101	PCB-90/101	ppt-TOC	430000		184000		9640		15900		1620		2640000		1740000		436000		111000		
PCB-93	73575-56-1	ppt-TOC	647	U	1500	U	896	U	113	U	107	U	565	U	349	U	597	U	889	U	
PCB-94	73575-55-0	ppt-TOC	3780		1500		896	U	204		107	U	10500		9400		936		500		
PCB-95/98/102	38379-99-6/6023	ppt-TOC	376000		156000		8110		13300		1210		2020000		1380000		295000		80000		
PCB-96	73575-54-9	ppt-TOC	3180		1330		896	U	113	U	107	U	14900		12800		1760		444		
PCB-97	41464-51-1	ppt-TOC	144000		53200		3210		4910		448		697000		558000		89700		27700		
PCB-99	38380-01-7	ppt-TOC	233000		82900		5460		8500		848		1440000		909000		267000		52600		
Total PCB Congeners (209)	No CAS	ppt-TOC	18300000		6930000		356000		464000		44800		61400000		47500000		9130000		9560000		
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	13500000		5190000		267000		342000		34700		48600000		36900000		8100000		9780000		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	HRRISED005		HRRISED005		HRRISED005		HRRISED006		HRRISED006		HRRISED006		HRRISED007		HRRISED007		HRRISED008					
		Sample Name	HRRISED005B-05		HRRISED005B-06		HRRISED005B-07		HRRISED006B-01		HRRISED006B-02		HRRISED006B-03		HRRISED007E-01		HRRISED007E-02		HRRISED008B-01					
		Date Collected	11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/7/2006		11/7/2006		11/1/2006					
		Depth	6.0-8.0		8.0-10.0		10.0-12.0		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-1	2051-60-7	ppt-TOC	944		1310		1520	U	1470		721		489		14200		678		159000					
PCB-100	39485-83-1	ppt-TOC	213		621	U	1520	U	665	U	699	U	1120	U	7510		454		37800					
PCB-103	60145-21-3	ppt-TOC	547		621	U	1520	U	665	U	699	U	1120	U	8480		352		43300					
PCB-104	56558-16-8	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	407		689	U	9580	U				
PCB-105	32598-14-4	ppt-TOC	9650		2230		1520	U	385		699	U	1120	U	128000		5780		896000					
PCB-106/118	PCB-106/118	ppt-TOC	27400		6030		976		995		699	U	985		348000		19700		2550000					
PCB-107/109	70424-68-9/7447	ppt-TOC	1860		621	U	1520	U	665	U	699	U	1120	U	26100		1340		210000					
PCB-108/112	70362-41-3/7447	ppt-TOC	1410		338		1520	U	665	U	699	U	1120	U	20700		878		160000					
PCB-11	2050-67-1	ppt-TOC	1280		1240	U	3030	U	1690	U	1400	U	2240	U	102000		5170		274000					
PCB-110	38380-03-9	ppt-TOC	33200		6440		1280		1270		699	U	411		490000		23800		3570000					
PCB-111/115	PCB-111/115	ppt-TOC	621		621	U	1520	U	665	U	699	U	1120	U	7570		412		64600					
PCB-113	68194-10-5	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	1060		689	U	8500					
PCB-114	74472-37-0	ppt-TOC	588		621	U	1520	U	665	U	699	U	1120	U	7220		689	U	52100					
PCB-119	56558-17-9	ppt-TOC	891		415		1520	U	665	U	699	U	1120	U	14700		1050		93800					
PCB-12/13	PCB-12/13	ppt-TOC	1070		2170		3030	U	2530	U	1400	U	2240	U	52100		1600		128000					
PCB-120	68194-12-7	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	1030		689	U	11200					
PCB-121	56558-18-0	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	232	U	689	U	9580	U				
PCB-122	76842-07-4	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	5050		234		29800					
PCB-123	65510-44-3	ppt-TOC	385		621	U	1520	U	665	U	699	U	1120	U	7100		689	U	41700					
PCB-124	70424-70-3	ppt-TOC	1430		621	U	1520	U	665	U	699	U	1120	U	13100		689	U	91700					
PCB-126	57465-28-8	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	2140		689	U	15400					
PCB-127	39635-33-1	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	232	U	689	U	9580	U				
PCB-128/162	PCB-128/162	ppt-TOC	4590		1010		1520	U	298		699	U	1120	U	41900		1590		429000					
PCB-129	55215-18-4	ppt-TOC	1400		362		1520	U	665	U	699	U	1120	U	11300		689	U	115000					
PCB-130	52663-66-8	ppt-TOC	2220		621	U	1520	U	665	U	699	U	1120	U	18700		917		173000					
PCB-131	61798-70-7	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	232	U	689	U	3640					
PCB-132/161	38380-05-1/7447	ppt-TOC	7650		1570		1520	U	371		699	U	1120	U	87200		3420		867000					
PCB-133/142	PCB-133/142	ppt-TOC	1880		377		1520	U	665	U	699	U	1120	U	9600		506		79600					
PCB-134/143	PCB-134/143	ppt-TOC	1520		315		1520	U	665	U	699	U	1120	U	17400		750		159000					
PCB-135	52744-13-5	ppt-TOC	4970		1340		1520	U	665	U	699	U	1120	U	42600		1990		398000					
PCB-136	38411-22-2	ppt-TOC	4940		1300		1520	U	213		699	U	1120	U	48000		2280		413000					
PCB-137	35694-06-5	ppt-TOC	1430		621	U	1520	U	665	U	699	U	1120	U	12800		689	U	122000					
PCB-138/163/164	35065-28-2/7447	ppt-TOC	32600		7590		1010		1400		699	U	407		322000		13600		3020000					
PCB-139/149	PCB-139/149	ppt-TOC	39100		13900		1110		1350		699	U	1120	U	299000		14300		2570000					
PCB-14	34883-41-5	ppt-TOC	1350	U	1240	U	3030	U	1330	U	1400	U	2240	U	572		1380	U	19200	U				
PCB-140	59291-64-4	ppt-TOC	368		621	U	1520	U	665	U	699	U	1120	U	2150		689	U	17400					
PCB-141	52712-04-6	ppt-TOC	7530		621	U	1520	U	286		699	U	1120	U	50600		2300		583000					
PCB-144	68194-14-9	ppt-TOC	2320		687		1520	U	665	U	699	U	1120	U	14300		535		142000					
PCB-145	74472-40-5	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	232	U	689	U	9580	U				
PCB-146/165	51908-16-8/7447	ppt-TOC	8760		2330		1520	U	665	U	699	U	1120	U	51600		2520		407000					
PCB-147	68194-13-8	ppt-TOC	932		621	U	1520	U	665	U	699	U	1120	U	12500		606		73300					
PCB-148	74472-41-6	ppt-TOC	900		621	U	1520	U	665	U	699	U	1120	U	1170		689	U	5330					
PCB-15	2050-68-2	ppt-TOC	4560		6690		4020		2290	U	3180		2240	U	241000		11900		725000					
PCB-150	68194-08-1	ppt-TOC	315		621	U	1520	U	665	U	699	U	1120	U	2660		689	U	9250					
PCB-151	52663-63-5	ppt-TOC	17700		9850		524		434		699	U	1120	U	76200		3250		679000					
PCB-152	68194-09-2	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	507		689	U	4070					
PCB-153	35065-27-1	ppt-TOC	67600		34900		1320		1400		699	U	472		359000		15800		2930000					
PCB-154	60145-22-4	ppt-TOC	3260		331		1520	U	665	U	699	U	1120	U	14200		572		48300					
PCB-155	33979-03-2	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	2590		689	U	9580	U				
PCB-156	38380-08-4	ppt-TOC	3150		838		1520	U	226		699	U	1120	U	25000		1010		266000					
PCB-157	69782-90-7	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	6470		689	U	55000					
PCB-158/160	74472-42-7/4141	ppt-TOC	3350		803		1520	U	665	U	699	U	1120	U	34900		1630		323000					
PCB-159	39635-35-3	ppt-TOC	5790		5180		1520	U	665	U	699	U	1120	U	4600		689	U	30400					
PCB-16/32	PCB-16/32	ppt-TOC	2670		1450		1520	U	665	U	699	U	1120	U	329000		15800		1240000					
PCB-166	41411-63-6	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	1330		689	U	13000					
PCB-167	52663-72-6	ppt-TOC	1540		408		1520	U	665	U	699	U	1120	U	11900		503		115000					
PCB-168	59291-65-5	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	932		689	U	8130					
PCB-169	32774-16-6	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	232	U	689	U	9580	U				
PCB-17	37680-66-3	ppt-TOC	1880		954		1520	U	665	U	699	U	1120	U	242000		11600		767000					
PCB-170	35065-30-6	ppt-TOC	14400		6640		1520	U	480		699	U	1120	U	66300		2690		729000					
PCB-171	52663-71-5	ppt-TOC	4380		1780		1520	U	665	U	699	U	1120	U	20300		772		211000					

Table B-6
TOC-Normalized Congener PCBs

		Location ID	HRRISED005		HRRISED005		HRRISED005		HRRISED006		HRRISED006		HRRISED006		HRRISED007		HRRISED007		HRRISED008				
		Sample Name	HRRISED005B-05		HRRISED005B-06		HRRISED005B-07		HRRISED006B-01		HRRISED006B-02		HRRISED006B-03		HRRISED007E-01		HRRISED007E-02		HRRISED008B-01				
		Date Collected	11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/7/2006		11/7/2006		11/1/2006				
		Depth	6.0-8.0		8.0-10.0		10.0-12.0		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-172	52663-74-8	ppt-TOC	10500		3540		1520	U	665	U	699	U	1120	U	12700		689	U	127000				
PCB-173	68194-16-1	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	1580		689	U	21600				
PCB-174	38411-25-5	ppt-TOC	53500		44400		912		665	U	699	U	1120	U	78800		2930		829000				
PCB-175	40186-70-7	ppt-TOC	3910		1450		1520	U	665	U	699	U	1120	U	4020		689	U	37500				
PCB-176	52663-65-7	ppt-TOC	5560		3440		1520	U	665	U	699	U	1120	U	11100		506		98800				
PCB-177	52663-70-4	ppt-TOC	21300		13500		519		665	U	699	U	1120	U	50600		1860		492000				
PCB-178	52663-67-9	ppt-TOC	24200		14200		1520	U	665	U	699	U	1120	U	20300		939		152000				
PCB-179	52663-64-6	ppt-TOC	36500		31800		665		207		699	U	1120	U	44200		1870		358000				
PCB-18	37680-65-2	ppt-TOC	3320		1880		2170		665	U	699	U	1120	U	369000		26900		1160000				
PCB-180	35065-29-3	ppt-TOC	194000		180000		2440		931		699	U	1120	U	186000		7280		1850000				
PCB-181	74472-47-2	ppt-TOC	482		621	U	1520	U	331		699	U	1120	U	668		689	U	7460				
PCB-182/187	PCB-182/187	ppt-TOC	195000		174000		2600		601		699	U	1120	U	135000		5390		988000				
PCB-183	52663-69-1	ppt-TOC	45000		32800		659		300		699	U	1120	U	49400		2140		446000				
PCB-184	74472-48-3	ppt-TOC	409		621	U	1520	U	665	U	699	U	1120	U	503		689	U	9580	U			
PCB-185	52712-05-7	ppt-TOC	11000		10500		1520	U	665	U	699	U	1120	U	8560		689	U	90400				
PCB-186	74472-49-4	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	232	U	689	U	9580	U			
PCB-188	74487-85-7	ppt-TOC	1120		621	U	1520	U	665	U	699	U	1120	U	864		689	U	9580	U			
PCB-189	39635-31-9	ppt-TOC	1230		621	U	1520	U	665	U	699	U	1120	U	2760		689	U	27100				
PCB-19	38444-73-4	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	51300		2480		224000				
PCB-190	41411-64-7	ppt-TOC	5650		3510		1520	U	665	U	699	U	1120	U	14300		667		150000				
PCB-191	74472-50-7	ppt-TOC	1120		621	U	1520	U	665	U	699	U	1120	U	3100		167		30400				
PCB-192	74472-51-8	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	232	U	689	U	9580	U			
PCB-193	69782-91-8	ppt-TOC	6150		3590		1520	U	665	U	699	U	1120	U	9540		689	U	83300				
PCB-194	35694-08-7	ppt-TOC	162000		158000		2190		665	U	699	U	1120	U	50000		1770		330000				
PCB-195	52663-78-2	ppt-TOC	28200		25000		1520	U	665	U	699	U	1120	U	17200		633		145000				
PCB-196/203	PCB-196/203	ppt-TOC	412000		222000		4370		357		699	U	1120	U	72600		2520		433000				
PCB-197	33091-17-7	ppt-TOC	6090		3330		1520	U	665	U	699	U	1120	U	2300		689	U	16600				
PCB-198	68194-17-2	ppt-TOC	32100		10500		1520	U	665	U	699	U	1120	U	3990		689	U	25700				
PCB-199	52663-75-9	ppt-TOC	565000		248000		4320		246		699	U	1120	U	79800		2440		402000				
PCB-2	2051-61-8	ppt-TOC	2500		2280		2350		3330		1760		1380		4690		744		29000				
PCB-20/21/33	38444-84-7/5570	ppt-TOC	2190		1540		1520	U	665	U	699	U	1120	U	264000		12800		1120000				
PCB-200	52663-73-7	ppt-TOC	19700		20500		1520	U	665	U	699	U	1120	U	6290		689	U	49600				
PCB-201	40186-71-8	ppt-TOC	49700		26200		641		665	U	699	U	1120	U	10200		324		54200				
PCB-202	2136-99-4	ppt-TOC	284000		64100		1460		665	U	699	U	1120	U	30800		706		91300				
PCB-204	74472-52-9	ppt-TOC	1180		621	U	1520	U	665	U	699	U	1120	U	232	U	689	U	9580	U			
PCB-205	74472-53-0	ppt-TOC	8030		3640		1520	U	665	U	699	U	1120	U	2580		689	U	16700				
PCB-206	40186-72-9	ppt-TOC	971000		214000		4690		307		699	U	1120	U	86800		1580		170000				
PCB-207	52663-79-3	ppt-TOC	54400		19500		1520	U	156		699	U	1120	U	6800		689	U	23700				
PCB-208	52663-77-1	ppt-TOC	418000		53800		1160		135		699	U	1120	U	33300		633		54600				
PCB-209	2051-24-3	ppt-TOC	526000		38700		2460		967		1100		1090		82400		1370		133000				
PCB-22	38444-85-8	ppt-TOC	1630		1080		1520	U	665	U	699	U	1120	U	217000		11000		808000				
PCB-23	55720-44-0	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	526		689	U	4100				
PCB-24/27	PCB-24/27	ppt-TOC	318		621	U	1520	U	665	U	699	U	1120	U	47500		2130		173000				
PCB-25	55712-37-3	ppt-TOC	568		621	U	1520	U	665	U	699	U	1120	U	97800		3660		283000				
PCB-26	38444-81-4	ppt-TOC	1000		723		1520	U	762		699	U	1120	U	147000		6110		492000				
PCB-28	7012-37-5	ppt-TOC	5560		2920		1920		1340		699	U	1120	U	771000		34300		2680000				
PCB-29	15862-07-4	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	2700		205		16300				
PCB-3	2051-62-9	ppt-TOC	2670		3510		2180		4600		2860		1650		13100		536		131000				
PCB-30	35693-92-6	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	440		689	U	9580	U			
PCB-31	16606-02-3	ppt-TOC	5150		4410		1930		4930		699	U	1120	U	603000		30500		2200000				
PCB-34	37680-68-5	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	5030		284		14600				
PCB-35	37680-69-6	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	15800		722		43800				
PCB-36	38444-87-0	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	654		689	U	9580	U			
PCB-37	38444-90-5	ppt-TOC	1670		1200		1520	U	613		699	U	1120	U	196000		8890		621000				
PCB-38	53555-66-1	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	3920		689	U	17800				
PCB-39	38444-88-1	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	1690		689	U	5580				
PCB-4/10	PCB-4/10	ppt-TOC	1350	U	1240	U	3030	U	1330	U	1400	U	2240	U	99100		4570		442000				
PCB-40	38444-93-8	ppt-TOC	871		477		1520	U	665	U	699	U	1120	U	62600		4800		268000				
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	5740		2230		847		1090		699	U	1120	U	418000		30800		1900000				
PCB-42/59	36559-22-5/7447	ppt-TOC	2860		1220		1520	U	534		699	U	1120	U	234000		13400		908000				
PCB-43/49	PCB-43/49	ppt-TOC	9850		2970		1110		1300		699	U	1120	U	592000		30800		2480000				

Table B-6
TOC-Normalized Congener PCBs

			Location ID		HRRISED005		HRRISED005		HRRISED005		HRRISED006		HRRISED006		HRRISED006		HRRISED007		HRRISED007		HRRISED008	
			Sample Name		HRRISED005B-05		HRRISED005B-06		HRRISED005B-07		HRRISED006B-01		HRRISED006B-02		HRRISED006B-03		HRRISED007E-01		HRRISED007E-02		HRRISED008B-01	
			Date Collected		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/7/2006		11/7/2006		11/1/2006	
			Depth		6.0-8.0		8.0-10.0		10.0-12.0		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	11100		3540		1200		1140		699	U	1120	U	629000		36300		2500000	
PCB-45	70362-45-7	ppt-TOC	1040		408		1520	U	665	U	699	U	1120	U	103000		5360		403000	
PCB-46	41464-47-5	ppt-TOC	547		621	U	1520	U	665	U	699	U	1120	U	44400		2370		178000	
PCB-47	2437-79-8	ppt-TOC	2850		982		1520	U	682		699	U	1120	U	251000		11800		1030000	
PCB-48/75	70362-47-9/3259	ppt-TOC	1780		679		1520	U	665	U	699	U	1120	U	133000		7670		508000	
PCB-5/8	PCB-5/8	ppt-TOC	1290		1500	U	3030	U	1410	U	1400	U	2240	U	214000		8890		1230000	
PCB-50	62796-65-0	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	2330		689	U	9580	
PCB-51	68194-04-7	ppt-TOC	424		621	U	1520	U	665	U	699	U	1120	U	42300		2130		185000	
PCB-52/69	35693-99-3/6023	ppt-TOC	39700		16200		13200		4360		501		1120	U	750000		39600		3210000	
PCB-53	41464-41-9	ppt-TOC	1080		590		1520	U	665	U	699	U	1120	U	108000		5280		446000	
PCB-54	15968-05-5	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	2240		689	U	11200	
PCB-55	74338-24-2	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	6790		457		37900	
PCB-56/60	PCB-56/60	ppt-TOC	4470		2130		624		754		699	U	1120	U	346000		17400		1330000	
PCB-57	70424-67-8	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	3010		210		15200	
PCB-58	41464-49-7	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	1820		689	U	9830	
PCB-6	25569-80-6	ppt-TOC	1350	U	1240	U	3030	U	1330	U	1400	U	2240	U	79200		2320		276000	
PCB-61/70	PCB-61/70	ppt-TOC	12500		4410		1010		1260		699	U	1120	U	482000		33100		2460000	
PCB-62	54230-22-7	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	288		689	U	9580	U
PCB-63	74472-34-7	ppt-TOC	371		621	U	1520	U	665	U	699	U	1120	U	18100		994		91700	
PCB-65	33284-54-7	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	867		689	U	9580	U
PCB-67	73575-53-8	ppt-TOC	273		621	U	1520	U	665	U	699	U	1120	U	20100		1210		76300	
PCB-68	73575-52-7	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	2840		218		20400	
PCB-7/9	PCB-7/9	ppt-TOC	1350	U	1240	U	3030	U	1330	U	1400	U	2240	U	20000		1380	U	141000	
PCB-73	74338-23-1	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	232	U	689	U	9580	U
PCB-74	32690-93-0	ppt-TOC	4380		1820		441		482		699	U	1120	U	228000		15400		1040000	
PCB-76/66	PCB-76/66	ppt-TOC	8030		3080		818		1050		699	U	1120	U	558000		29100		2090000	
PCB-77	32598-13-3	ppt-TOC	971		508		1520	U	332		699	U	1120	U	66500		2940		212000	
PCB-78	70362-49-1	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	1410		689	U	9580	U
PCB-79	41464-48-6	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	8490		467		48300	
PCB-80	33284-52-5	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	232	U	689	U	9580	U
PCB-81	70362-50-4	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	1910		689	U	8380	
PCB-82	52663-62-4	ppt-TOC	2730		872		1520	U	665	U	699	U	1120	U	46700		2110		328000	
PCB-83	60145-20-2	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	489		689	U	3480	
PCB-84/92	52663-60-2/5266	ppt-TOC	12000		2490		415		439		699	U	1120	U	179000		8170		1330000	
PCB-85/116	PCB-85/116	ppt-TOC	4060		849		1520	U	256		699	U	1120	U	70700		3170		446000	
PCB-86	55312-69-1	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	2720		689	U	25200	
PCB-87/117/125	38380-02-8/6819	ppt-TOC	10000		2430		1520	U	465		699	U	1120	U	122000		5830		942000	
PCB-88/91	PCB-88/91	ppt-TOC	4180		849		1520	U	279		699	U	1120	U	89400		5030		513000	
PCB-89	73575-57-2	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	6830		409		41500	
PCB-90/101	PCB-90/101	ppt-TOC	32900		8440		2010		1450		699	U	528		433000		23400		3230000	
PCB-93	73575-56-1	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	232	U	689	U	9580	U
PCB-94	73575-55-0	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	3420		196		26500	
PCB-95/98/102	38379-99-6/6023	ppt-TOC	23100		5100		1160		939		699	U	1120	U	360000		17600		2490000	
PCB-96	73575-54-9	ppt-TOC	676	U	621	U	1520	U	665	U	699	U	1120	U	3220		226		21200	
PCB-97	41464-51-1	ppt-TOC	8710		1880		1520	U	356		699	U	1120	U	142000		7670		963000	
PCB-99	38380-01-7	ppt-TOC	13700		2770		1520	U	635		699	U	1120	U	240000		14500		1590000	
Total PCB Congeners (209)	No CAS	ppt-TOC	4740000		1830000		72900		48500		10100		7430		14900000		744000		79600000	
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	4350000		1450000		73500		34900		3210		6980		11100000		553000		60400000	

Table B-6
TOC-Normalized Congener PCBs

			Location ID		HRRISED008		HRRISED009		HRRISED010		HRRISED010		HRRISED010		HRRISED039		HRRISED040		HRRISED041		HRRISED042	
			Sample Name		HRRISED008B-02		HRRISED009C-01		HRRISED010B-01		HRRISED010B-02		HRRISED010B-03		HRRISED039A-01		HRRISED040A-01		HRRISED041A-01		HRRISED042A-01	
			Date Collected		11/1/2006		11/7/2006		11/3/2006		11/3/2006		11/3/2006		10/24/2006		10/26/2006		10/26/2006		10/24/2006	
			Depth		0.5-2.0		0.0-0.5		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	111000		5980		1470		240	U	305	U	43200		227000		1210000		88000	
PCB-100	39485-83-1	ppt-TOC	34100		3490		1240		240	U	305	U	17400		26900		155000		141000	
PCB-103	60145-21-3	ppt-TOC	51200		3070		134	U	240	U	305	U	17600		31800		236000		142000	
PCB-104	56558-16-8	ppt-TOC	9640	U	382		134	U	240	U	305	U	1240		1670		8320		9170	
PCB-105	32598-14-4	ppt-TOC	1910000		51800		19000		240	U	305	U	330000		387000		4840000		3550000	
PCB-106/118	PCB-106/118	ppt-TOC	4200000		136000		55400		240	U	92.7		832000		1220000		11100000		8080000	
PCB-107/109	70424-68-9/7447	ppt-TOC	325000		10500		3760		240	U	305	U	68600		98700		935000		758000	
PCB-108/112	70362-41-3/7447	ppt-TOC	321000		7540		3030		240	U	305	U	57000		94400		911000		565000	
PCB-11	2050-67-1	ppt-TOC	1030000		29600		12800		481	U	610	U	136000		219000		1330000		97600	
PCB-110	38380-03-9	ppt-TOC	6800000		179000		81600		240	U	305	U	1080000		1570000		13500000		9350000	
PCB-111/115	PCB-111/115	ppt-TOC	172000		2970		1210		240	U	305	U	21400		26700		435000		252000	
PCB-113	68194-10-5	ppt-TOC	11800		519		134	U	240	U	305	U	3340		6870		73000		28500	
PCB-114	74472-37-0	ppt-TOC	130000		3200		1040		240	U	305	U	23200		27200		441000		278000	
PCB-119	56558-17-9	ppt-TOC	123000		6220		2420		240	U	305	U	32300		56200		497000		424000	
PCB-12/13	PCB-12/13	ppt-TOC	165000		16400		3540		481	U	610	U	232000		1530000		12800000		341000	
PCB-120	68194-12-7	ppt-TOC	8520		665		134	U	240	U	305	U	2610		3360		24800		35300	
PCB-121	56558-18-0	ppt-TOC	9640	U	250	U	134	U	240	U	305	U	557	U	323	U	703	U	1430	U
PCB-122	76842-07-4	ppt-TOC	66800		1950		873		240	U	305	U	15000		16500		231000		160000	
PCB-123	65510-44-3	ppt-TOC	90800		2710		1140		240	U	305	U	18400		25000		349000		211000	
PCB-124	70424-70-3	ppt-TOC	188000		5020		2260		240	U	305	U	32000		33600		419000		323000	
PCB-126	57465-28-8	ppt-TOC	22400		840		381		240	U	305	U	5550		5560		60500		43100	
PCB-127	39635-33-1	ppt-TOC	9640	U	250	U	134	U	240	U	305	U	557	U	323	U	703	U	1430	U
PCB-128/162	PCB-128/162	ppt-TOC	568000		17900		11100		240	U	305	U	99100		91800		543000		970000	
PCB-129	55215-18-4	ppt-TOC	184000		4880		2780		240	U	305	U	26400		23900		187000		265000	
PCB-130	52663-66-8	ppt-TOC	240000		8940		4050		240	U	305	U	38600		37400		234000		407000	
PCB-131	61798-70-7	ppt-TOC	9640	U	250	U	134	U	240	U	305	U	520		421		3860		2320	
PCB-132/161	38380-05-1/7447	ppt-TOC	1170000		34200		17600		240	U	305	U	178000		176000		935000		2060000	
PCB-133/142	PCB-133/142	ppt-TOC	112000		4330		1890		240	U	305	U	19800		19500		112000		207000	
PCB-134/143	PCB-134/143	ppt-TOC	221000		6590		3380		240	U	305	U	37300		35100		210000		408000	
PCB-135	52744-13-5	ppt-TOC	476000		17300		7730		240	U	305	U	72700		79700		359000		989000	
PCB-136	38411-22-2	ppt-TOC	540000		18800		7890		240	U	305	U	82500		97700		446000		1140000	
PCB-137	35694-06-5	ppt-TOC	172000		5570		3510		240	U	305	U	27300		26900		205000		266000	
PCB-138/163/164	35065-28-2/7447	ppt-TOC	4120000		140000		70800		240	U	305	U	643000		587000		2700000		7730000	
PCB-139/149	PCB-139/149	ppt-TOC	3260000		127000		55700		240	U	305	U	518000		518000		2250000		7080000	
PCB-14	34883-41-5	ppt-TOC	19300	U	501	U	269	U	481	U	610	U	1110	U	644	U	5350		2860	U
PCB-140	59291-64-4	ppt-TOC	19700		988		422		240	U	305	U	3570		4260		22900		50000	
PCB-141	52712-04-6	ppt-TOC	804000		21300		10200		240	U	305	U	104000		101000		489000		1560000	
PCB-144	68194-14-9	ppt-TOC	218000		5630		2680		240	U	305	U	27700		24100		129000		406000	
PCB-145	74472-40-5	ppt-TOC	9640	U	250	U	134	U	240	U	305	U	298		377		3760		2900	
PCB-146/165	51908-16-8/7447	ppt-TOC	524000		22800		10300		240	U	305	U	104000		93300		408000		1140000	
PCB-147	68194-13-8	ppt-TOC	88400		5850		2370		240	U	305	U	29100		28700		125000		238000	
PCB-148	74472-41-6	ppt-TOC	5440		622		228		240	U	305	U	2250		2410		7490		17200	
PCB-15	2050-68-2	ppt-TOC	1310000		80300		24200		1470		944		884000		3540000		29200000		1800000	
PCB-150	68194-08-1	ppt-TOC	10500		1120		368		240	U	305	U	5390		6510		20500		21300	
PCB-151	52663-63-5	ppt-TOC	872000		30800		13000		240	U	305	U	138000		145000		530000		2080000	
PCB-152	68194-09-2	ppt-TOC	9640	U	250	U	134	U	240	U	305	U	1040		1460		9700		15100	
PCB-153	35065-27-1	ppt-TOC	3940000		152000		69500		240	U	305	U	714000		674000		2550000		8530000	
PCB-154	60145-22-4	ppt-TOC	50800		6190		2090		240	U	305	U	30200		30500		96800		144000	
PCB-155	33979-03-2	ppt-TOC	3320		1170		643		240	U	305	U	4390		4540		9840		4090	
PCB-156	38380-08-4	ppt-TOC	368000		12100		5540		240	U	305	U	57000		51300		324000		677000	
PCB-157	69782-90-7	ppt-TOC	76800		2900		1690		240	U	305	U	13100		13100		87000		124000	
PCB-158/160	74472-42-7/4141	ppt-TOC	456000		14500		7350		240	U	305	U	66800		62100		354000		765000	
PCB-159	39635-35-3	ppt-TOC	38000		1960		851		240	U	305	U	15400		8440		25200		106000	
PCB-16/32	PCB-16/32	ppt-TOC	3210000		62600		20100		240	U	305	U	1260000		4540000		24300000		1890000	
PCB-166	41411-63-6	ppt-TOC	16500		677		297		240	U	305	U	2820		2720		20700		24300	
PCB-167	52663-72-6	ppt-TOC	144000		5520		2950		240	U	305	U	25200		23100		128000		298000	
PCB-168	59291-65-5	ppt-TOC	8320		453		134	U	240	U	305	U	2300		2130		7490		16900	
PCB-169	32774-16-6	ppt-TOC	9640	U	250	U	134	U	240	U	305	U	557	U	323	U	703	U	1430	U
PCB-17	37680-66-3	ppt-TOC	1960000		41900		13500		240	U	305	U	959000		4230000		23500000		645000	
PCB-170	35065-30-6	ppt-TOC	1030000		30300		14100		240	U	305	U	138000		126000		422000		2530000	
PCB-171	52663-71-5	ppt-TOC	290000		8840		4080		240	U	305	U	40700		38700		119000		715000	

Table B-6
TOC-Normalized Congener PCBs

			Location ID	HRRISED008		HRRISED009		HRRISED010		HRRISED010		HRRISED010		HRRISED039		HRRISED040		HRRISED041		HRRISED042	
			Sample Name	HRRISED008B-02		HRRISED009C-01		HRRISED010B-01		HRRISED010B-02		HRRISED010B-03		HRRISED039A-01		HRRISED040A-01		HRRISED041A-01		HRRISED042A-01	
			Date Collected	11/1/2006		11/7/2006		11/3/2006		11/3/2006		11/3/2006		10/24/2006		10/26/2006		10/26/2006		10/24/2006	
			Depth	0.5-2.0		0.0-0.5		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC	175000		5900		2500		240	U	305	U	25000		24800		76800		409000		
PCB-173	68194-16-1	ppt-TOC	25400		640		359		240	U	305	U	3450		3210		10600		62000		
PCB-174	38411-25-5	ppt-TOC	1120000		36000		15400		240	U	305	U	165000		171000		519000		2920000		
PCB-175	40186-70-7	ppt-TOC	50000		1960		730		240	U	305	U	7070		8180		22400		123000		
PCB-176	52663-65-7	ppt-TOC	131000		4760		1860		240	U	305	U	20400		23600		67800		369000		
PCB-177	52663-70-4	ppt-TOC	668000		22700		9920		240	U	305	U	106000		104000		311000		1670000		
PCB-178	52663-67-9	ppt-TOC	189000		9230		3700		240	U	305	U	39300		45400		130000		548000		
PCB-179	52663-64-6	ppt-TOC	472000		18400		7570		240	U	305	U	85700		101000		276000		1280000		
PCB-18	37680-65-2	ppt-TOC	2750000		93800		15000		240	U	305	U	2090000		8950000		47800000		1440000		
PCB-180	35065-29-3	ppt-TOC	2700000		84500		36500		240	U	305	U	373000		379000		1190000		6440000		
PCB-181	74472-47-2	ppt-TOC	9800		344		134	U	240	U	305	U	1460		1070		3780		22000		
PCB-182/187	PCB-182/187	ppt-TOC	1260000		59200		24700		240	U	305	U	266000		292000		741000		3420000		
PCB-183	52663-69-1	ppt-TOC	572000		21300		9030		240	U	305	U	87700		102000		267000		1550000		
PCB-184	74472-48-3	ppt-TOC	9640	U	367		134	U	240	U	305	U	893		1020		1700		2190		
PCB-185	52712-05-7	ppt-TOC	124000		3960		1700		240	U	305	U	18200		19900		63000		302000		
PCB-186	74472-49-4	ppt-TOC	9640	U	250	U	134	U	240	U	305	U	135		105		252		1430	U	
PCB-188	74487-85-7	ppt-TOC	2280		330		167		240	U	305	U	2450		1720		8240		3970		
PCB-189	39635-31-9	ppt-TOC	38600		1460		584		240	U	305	U	5450		4870		15900		93300		
PCB-19	38444-73-4	ppt-TOC	416000		8310		2810		240	U	305	U	197000		1210000		8730000		357000		
PCB-190	41411-64-7	ppt-TOC	208000		6870		2760		240	U	305	U	26100		26400		89700		501000		
PCB-191	74472-50-7	ppt-TOC	44000		1540		589		240	U	305	U	5680		5870		18000		102000		
PCB-192	74472-51-8	ppt-TOC	9640	U	250	U	134	U	240	U	305	U	557	U	228		703	U	1430	U	
PCB-193	69782-91-8	ppt-TOC	116000		4230		1770		240	U	305	U	20300		19400		56200		282000		
PCB-194	35694-08-7	ppt-TOC	524000		20900		9220		240	U	305	U	95500		107000		381000		1280000		
PCB-195	52663-78-2	ppt-TOC	208000		7200		3140		240	U	305	U	35700		40800		144000		545000		
PCB-196/203	PCB-196/203	ppt-TOC	660000		31200		14300		240	U	305	U	113000		146000		581000		1580000		
PCB-197	33091-17-7	ppt-TOC	21700		1200		443		240	U	305	U	3950		4690		17800		53400		
PCB-198	68194-17-2	ppt-TOC	27500		1800		824		240	U	305	U	5320		7380		24000		68100		
PCB-199	52663-75-9	ppt-TOC	588000		31600		15300		240	U	305	U	114000		158000		659000		1410000		
PCB-2	2051-61-8	ppt-TOC	28300		1950		1200		1290		1090		13900		43100		378000		20100		
PCB-20/21/33	38444-84-7/5570	ppt-TOC	3720000		50400		16000		240	U	305	U	923000		1830000		6080000		713000		
PCB-200	52663-73-7	ppt-TOC	68000		3050		1290		240	U	305	U	11800		16200		64900		186000		
PCB-201	40186-71-8	ppt-TOC	73200		3920		1930		240	U	305	U	16500		20600		74600		185000		
PCB-202	2136-99-4	ppt-TOC	138000		8730		5240		240	U	305	U	39300		45100		176000		286000		
PCB-204	74472-52-9	ppt-TOC	9640	U	273		134	U	240	U	305	U	445		349		778		1430	U	
PCB-205	74472-53-0	ppt-TOC	26800		1230		422		240	U	305	U	4430		4790		15100		57400		
PCB-206	40186-72-9	ppt-TOC	302000		21200		14800		240	U	305	U	102000		131000		865000		500000		
PCB-207	52663-79-3	ppt-TOC	30200		2820		1260		240	U	305	U	9070		12600		67800		52600		
PCB-208	52663-77-1	ppt-TOC	87200		6700		5410		240	U	305	U	32000		42100		278000		117000		
PCB-209	2051-24-3	ppt-TOC	220000		20500		11300		767		841		94100		92100		724000		268000		
PCB-22	38444-85-8	ppt-TOC	2440000		48200		14400		240	U	305	U	805000		1800000		5410000		1000000		
PCB-23	55720-44-0	ppt-TOC	7040		269		134	U	240	U	305	U	2250		6280		23700		2580		
PCB-24/27	PCB-24/27	ppt-TOC	354000		10400		3270		240	U	305	U	197000		985000		7760000		328000		
PCB-25	55712-37-3	ppt-TOC	520000		24100		7380		240	U	305	U	395000		2320000		16100000		453000		
PCB-26	38444-81-4	ppt-TOC	1070000		37000		10600		240	U	305	U	566000		2950000		21300000		635000		
PCB-28	7012-37-5	ppt-TOC	6680000		189000		60300		240	U	305	U	2410000		6900000		29500000		3500000		
PCB-29	15862-07-4	ppt-TOC	32500		690		173		240	U	305	U	12400		19900		77600		7320		
PCB-3	2051-62-9	ppt-TOC	94400		5310		2120		1290		944		40700		274000		2630000		83900		
PCB-30	35693-92-6	ppt-TOC	9640	U	250	U	134	U	240	U	305	U	1640		5690		28100		2670		
PCB-31	16606-02-3	ppt-TOC	7160000		162000		50000		240	U	305	U	2040000		7380000		35900000		2320000		
PCB-34	37680-68-5	ppt-TOC	36400		1220		373		240	U	305	U	18000		82300		541000		20900		
PCB-35	37680-69-6	ppt-TOC	114000		5150		134	U	240	U	305	U	43200		91300		505000		54200		
PCB-36	38444-87-0	ppt-TOC	9640	U	368		134	U	240	U	305	U	998		2170		17900		1580		
PCB-37	38444-90-5	ppt-TOC	1530000		57300		18800		240	U	305	U	661000		1150000		6460000		1200000		
PCB-38	53555-66-1	ppt-TOC	37200		1300		514		240	U	305	U	13600		26700		327000		78100		
PCB-39	38444-88-1	ppt-TOC	7960		740		208		240	U	305	U	3910		17900		137000		8190		
PCB-4/10	PCB-4/10	ppt-TOC	688000		14700		5300		481	U	610	U	280000		2280000		15800000		224000		
PCB-40	38444-93-8	ppt-TOC	776000		20000		9110		240	U	305	U	345000		677000		3840000		698000		
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	5040000		142000		48900		240	U	305	U	1640000		3740000		25600000		7240000		
PCB-42/59	36559-22-5/7447	ppt-TOC	2320000		77300		22300		240	U	305	U	716000		1860000		10100000		3750000		
PCB-43/49	PCB-43/49	ppt-TOC	5640000		201000		58900		240	U	305	U	1670000		5640000		39700000		9280000		

Table B-6
TOC-Normalized Congener PCBs

			Location ID		HRRISED008		HRRISED009		HRRISED010		HRRISED010		HRRISED010		HRRISED039		HRRISED040		HRRISED041		HRRISED042	
			Sample Name		HRRISED008B-02		HRRISED009C-01		HRRISED010B-01		HRRISED010B-02		HRRISED010B-03		HRRISED039A-01		HRRISED040A-01		HRRISED041A-01		HRRISED042A-01	
			Date Collected		11/1/2006		11/7/2006		11/3/2006		11/3/2006		11/3/2006		10/24/2006		10/26/2006		10/26/2006		10/24/2006	
			Depth		0.5-2.0		0.0-0.5		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	7440000		194000		55400		240	U	305	U	1820000		4590000		22500000		8690000	
PCB-45	70362-45-7	ppt-TOC	1140000		23700		7270		240	U	305	U	318000		969000		5220000		1350000	
PCB-46	41464-47-5	ppt-TOC	484000		10700		2860		240	U	305	U	143000		503000		2360000		617000	
PCB-47	2437-79-8	ppt-TOC	1920000		95900		27800		240	U	305	U	655000		2180000		16000000		3940000	
PCB-48/75	70362-47-9/3259	ppt-TOC	1630000		37600		9950		240	U	305	U	414000		1010000		6590000		1760000	
PCB-5/8	PCB-5/8	ppt-TOC	2000000		38200		11700		481	U	610	U	880000		5180000		28600000		656000	
PCB-50	62796-65-0	ppt-TOC	18300		614		134	U	240	U	305	U	7270		33600		243000		34900	
PCB-51	68194-04-7	ppt-TOC	361000		15100		3970		240	U	305	U	135000		528000		3460000		728000	
PCB-52/69	35693-99-3/6023	ppt-TOC	8240000		233000		75400		164		157		1910000		6000000		39500000		9690000	
PCB-53	41464-41-9	ppt-TOC	1100000		28600		8860		240	U	305	U	318000		1340000		8700000		1580000	
PCB-54	15968-05-5	ppt-TOC	15800		964		253		240	U	305	U	7430		30000		202000		41100	
PCB-55	74338-24-2	ppt-TOC	88400		2400		724		240	U	305	U	27000		40800		562000		241000	
PCB-56/60	PCB-56/60	ppt-TOC	4320000		111000		32700		240	U	305	U	1220000		1970000		17200000		7990000	
PCB-57	70424-67-8	ppt-TOC	28400		1280		300		240	U	305	U	12100		27900		214000		99900	
PCB-58	41464-49-7	ppt-TOC	11400		877		250		240	U	305	U	6660		19500		119000		26900	
PCB-6	25569-80-6	ppt-TOC	359000		11800		2860		481	U	610	U	382000		3900000		25600000		272000	
PCB-61/70	PCB-61/70	ppt-TOC	7360000		188000		60500		240	U	91.7		2000000		3870000		25900000		7380000	
PCB-62	54230-22-7	ppt-TOC	9640	U	250	U	134	U	240	U	305	U	861		1410		12400		6250	
PCB-63	74472-34-7	ppt-TOC	221000		6310		1670		240	U	305	U	70200		152000		1280000		486000	
PCB-65	33284-54-7	ppt-TOC	9640	U	250	U	134	U	240	U	305	U	1860		4510		27000		10200	
PCB-67	73575-53-8	ppt-TOC	186000		6890		1760		240	U	305	U	79500		194000		1760000		465000	
PCB-68	73575-52-7	ppt-TOC	18200		1460		478		240	U	305	U	11100		25600		208000		48600	
PCB-7/9	PCB-7/9	ppt-TOC	146000		4490		1020		481	U	610	U	88000		479000		2230000		53800	
PCB-73	74338-23-1	ppt-TOC	9640	U	250	U	134	U	240	U	305	U	557	U	323	U	703	U	1430	U
PCB-74	32690-93-0	ppt-TOC	3210000		105000		27000		240	U	305	U	945000		2020000		16700000		5730000	
PCB-76/66	PCB-76/66	ppt-TOC	5560000		198000		59500		240	U	93.2		1860000		3460000		26300000		10800000	
PCB-77	32598-13-3	ppt-TOC	540000		24100		8380		240	U	120		196000		387000		3410000		1150000	
PCB-78	70362-49-1	ppt-TOC	14600		250	U	224		240	U	305	U	4090		5900		57300		32400	
PCB-79	41464-48-6	ppt-TOC	50400		3660		1140		240	U	305	U	20500		22800		180000		103000	
PCB-80	33284-52-5	ppt-TOC	9640	U	250	U	134	U	240	U	305	U	557	U	323	U	703	U	1430	U
PCB-81	70362-50-4	ppt-TOC	24200		347		143		240	U	305	U	5200		7330		136000		59300	
PCB-82	52663-62-4	ppt-TOC	868000		16600		6460		240	U	305	U	150000		198000		2520000		1570000	
PCB-83	60145-20-2	ppt-TOC	6320		250	U	134	U	240	U	305	U	1490		2140		35900		18200	
PCB-84/92	52663-60-2/5266	ppt-TOC	2550000		61100		25000		240	U	305	U	443000		741000		6080000		4030000	
PCB-85/116	PCB-85/116	ppt-TOC	1060000		29000		10900		240	U	305	U	185000		238000		3110000		2000000	
PCB-86	55312-69-1	ppt-TOC	78000		1300		278		240	U	305	U	10400		11500		278000		166000	
PCB-87/117/125	38380-02-8/6819	ppt-TOC	2490000		46200		19300		240	U	305	U	316000		379000		4540000		3450000	
PCB-88/91	PCB-88/91	ppt-TOC	944000		32400		13200		240	U	305	U	217000		415000		3570000		1760000	
PCB-89	73575-57-2	ppt-TOC	124000		2340		705		240	U	305	U	22500		41300		449000		235000	
PCB-90/101	PCB-90/101	ppt-TOC	5640000		161000		67800		240	U	110		952000		1310000		10700000		9190000	
PCB-93	73575-56-1	ppt-TOC	9640	U	250	U	134	U	240	U	305	U	557	U	323	U	703	U	1430	U
PCB-94	73575-55-0	ppt-TOC	43600		1980		522		240	U	305	U	11000		18100		141000		131000	
PCB-95/98/102	38379-99-6/6023	ppt-TOC	4640000		125000		51400		240	U	305	U	802000		1330000		10300000		6680000	
PCB-96	73575-54-9	ppt-TOC	47600		1010		473		240	U	305	U	18000		25600		208000		68100	
PCB-97	41464-51-1	ppt-TOC	2080000		50800		21400		240	U	305	U	345000		518000		4780000		3010000	
PCB-99	38380-01-7	ppt-TOC	2780000		94500		38400		240	U	305	U	539000		854000		7490000		5160000	
Total PCB Congeners (209)	No CAS	ppt-TOC	164000000		4930000		1790000		4980		4490		43900000		118000000		743000000		232000000	
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	119000000		3710000		1370000		1870		2830		31600000		81500000		468000000		175000000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	HRRISED043		HRRISED044		HRRISED045		HRRISED046		HRRISED047		HRRISED048		HRRISED049		HRRISED050		KVK01	
		Sample Name	HRRISED043A-01		HRRISED044A-01		HRRISED045A-01		HRRISED046A-01		HRRISED047A-01		HRRISED048A-01		HRRISED049A-01		HRRISED050A-01		1JMS00157	
		Date Collected	10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		11/1/2006		10/31/2006		11/1/2006		8/30/2000	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	548000		53600		4390		21200		10000		13900		20100		18900		7760	
PCB-100	39485-83-1	ppt-TOC	135000		5640		3880		19700		7880		9940		13700		13700			
PCB-103	60145-21-3	ppt-TOC	168000		4310		4050		21200		10900		7830		11600		378	U	10400	
PCB-104	56558-16-8	ppt-TOC	14700		400		278		1020		319		767		980		1040		149	U
PCB-105	32598-14-4	ppt-TOC	1070000		74300		70700		559000		302000		140000		140000		167000		418000	
PCB-106/118	PCB-106/118	ppt-TOC	3000000		194000		177000		1350000		725000		363000		381000		449000			
PCB-107/109	70424-68-9/7447	ppt-TOC	238000		17000		14400		107000		57500		29400		31000		36500			
PCB-108/112	70362-41-3/7447	ppt-TOC	229000		15000		9680		87900		50300		21300		22700		25600			
PCB-11	2050-67-1	ppt-TOC	238000		10500		37600		332000		193000		75800		90900		116000		537000	
PCB-110	38380-03-9	ppt-TOC	5760000		267000		246000		1880000		1050000		469000		485000		557000			
PCB-111/115	PCB-111/115	ppt-TOC	107000		6760		4070		32900		22500		7980		8680		9780			
PCB-113	68194-10-5	ppt-TOC	21400		1060		505		3740		1730		994		3630		1410			
PCB-114	74472-37-0	ppt-TOC	82600		4050		3830		38500		21300		8520		9040		10500		24800	
PCB-119	56558-17-9	ppt-TOC	252000		10000		6780		42900		22800		13900		17500		18500			
PCB-12/13	PCB-12/13	ppt-TOC	1410000		76900		11900		90300		45300		34200		52000		59700		38800	
PCB-120	68194-12-7	ppt-TOC	23300		864		788		3290		1990		879		1430		1680		3280	
PCB-121	56558-18-0	ppt-TOC	302	U	302	U	312	U	706	U	725	U	315	U	361	U	378	U	209	U
PCB-122	76842-07-4	ppt-TOC	43800		3210		2380		22000		12400		5150		5720		6700		14000	
PCB-123	65510-44-3	ppt-TOC	55800		4950		3290		27800		15600		6790		7820		9240		15800	
PCB-124	70424-70-3	ppt-TOC	146000		7520		6950		58800		32200		13700		14400		17400			
PCB-126	57465-28-8	ppt-TOC	15900		983		1220		9710		4440		2730		2830		3030		2180	U
PCB-127	39635-33-1	ppt-TOC	2210		302	U	312	U	706	U	725	U	315	U	534		378	U	2300	U
PCB-128/162	PCB-128/162	ppt-TOC	633000		19100		29300		217000		106000		63800		60700		62400			
PCB-129	55215-18-4	ppt-TOC	177000		5710		8150		63800		31300		18000		15700		15600			
PCB-130	52663-66-8	ppt-TOC	355000		8310		13700		88500		44100		26500		28100		28100		74600	
PCB-131	61798-70-7	ppt-TOC	974		80.2		312	U	835		450		250		776		511		14600	
PCB-132/161	38380-05-1/7447	ppt-TOC	2050000		36000		60000		468000		216000		113000		113000		114000			
PCB-133/142	PCB-133/142	ppt-TOC	194000		4620		6000		41500		20000		12600		13400		13800			
PCB-134/143	PCB-134/143	ppt-TOC	364000		7290		11200		82400		40000		22100		22800		23300		65700	
PCB-135	52744-13-5	ppt-TOC	1240000		14800		26600		199000		85900		48800		53700		56500			
PCB-136	38411-22-2	ppt-TOC	1560000		15700		29500		231000		99100		51500		61600		62200		128000	
PCB-137	35694-06-5	ppt-TOC	124000		6430		8850		63200		30700		19900		17400		17300		44800	
PCB-138/163/164	35065-28-2/7447	ppt-TOC	7680000		116000		217000		1580000		719000		427000		463000		451000			
PCB-139/149	PCB-139/149	ppt-TOC	8710000		91000		177000		1340000		572000		329000		386000		389000			
PCB-14	34883-41-5	ppt-TOC	603	U	605	U	624	U	1410	U	1450	U	627	U	723	U	757	U	806	U
PCB-140	59291-64-4	ppt-TOC	63800		1020		1270		7850		3560		2420		2670		2890			
PCB-141	52712-04-6	ppt-TOC	1890000		19100		35400		326000		142000		67700		78100		73500		194000	
PCB-144	68194-14-9	ppt-TOC	539000		4790		8760		77900		33800		17100		19200		18400		47800	
PCB-145	74472-40-5	ppt-TOC	1300		62.4		88.3		603		331		174		210		221		149	U
PCB-146/165	51908-16-8/7447	ppt-TOC	1330000		18800		32000		217000		98100		63800		73200		72700			
PCB-147	68194-13-8	ppt-TOC	117000		6430		6880		34100		16700		15100		18500		18200			
PCB-148	74472-41-6	ppt-TOC	19400		607		593		2970		1000		1250		1910		1810		2600	
PCB-15	2050-68-2	ppt-TOC	3450000		517000		75600		562000		305000		200000		253000		289000		212000	
PCB-150	68194-08-1	ppt-TOC	34800		621		1270		6350		2680		2380		4380		3810		2180	
PCB-151	52663-63-5	ppt-TOC	2760000		23600		46800		376000		158000		84600		101000		102000			
PCB-152	68194-09-2	ppt-TOC	8620		414		315		1730		956		677		826		865		1040	
PCB-153	35065-27-1	ppt-TOC	9390000		110000		215000		1630000		719000		419000		495000		486000			
PCB-154	60145-22-4	ppt-TOC	238000		3210		6560		34100		12900		13300		23100		19400		14000	
PCB-155	33979-03-2	ppt-TOC	4440		200		1450		2540		1830		2630		3620		5840		149	U
PCB-156	38380-08-4	ppt-TOC	535000		11100		18800		143000		67500		38500		37700		37600			
PCB-157	69782-90-7	ppt-TOC	64800		2950		4240		28100		13800		9440		8870		8730			
PCB-158/160	74472-42-7/4141	ppt-TOC	767000		12700		23000		170000		77200		44400		47900		46200			
PCB-159	39635-35-3	ppt-TOC	114000		1310		2730		24800		10000		4600		6940		6810		11600	
PCB-16/32	PCB-16/32	ppt-TOC	7150000		352000		83200		1340000		731000		106000		184000		199000			
PCB-166	41411-63-6	ppt-TOC	9890		619		744		5760		2840		1840		2480		2180			
PCB-167	52663-72-6	ppt-TOC	223000		4640		7800		57600		27100		16400		17200		17200		44800	
PCB-168	59291-65-5	ppt-TOC	17900		314		449		2880		1380		1090		1550		1380			
PCB-169	32774-16-6	ppt-TOC	302	U	302	U	312	U	706	U	725	U	315	U	361	U	378	U	2990	U
PCB-17	37680-66-3	ppt-TOC	5090000		199000		56800		909000		500000		72700		131000		144000		233000	
PCB-170	35065-30-6	ppt-TOC	2890000		19600		43700		435000		159000		90600		110000		105000		257000	
PCB-171	52663-71-5	ppt-TOC	841000		5790		13900		123000		50000		25000		31100		30800			

Table B-6
TOC-Normalized Congener PCBs

			Location ID		HRRISED043		HRRISED044		HRRISED045		HRRISED046		HRRISED047		HRRISED048		HRRISED049		HRRISED050		KVK01	
			Sample Name		HRRISED043A-01		HRRISED044A-01		HRRISED045A-01		HRRISED046A-01		HRRISED047A-01		HRRISED048A-01		HRRISED049A-01		HRRISED050A-01		1JMS00157	
			Date Collected		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		11/1/2006		10/31/2006		11/1/2006		8/30/2000	
			Depth		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.3	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC	465000		3600		8370		74400		30300		16300		20100		19800		47800			
PCB-173	68194-16-1	ppt-TOC	69700		488		1100		10100		4340		2150		2820		2700					
PCB-174	38411-25-5	ppt-TOC	3380000		27100		53700		497000		206000		94600		119000		118000		299000			
PCB-175	40186-70-7	ppt-TOC	155000		1140		2510		22000		9250		4480		6570		5890		11600			
PCB-176	52663-65-7	ppt-TOC	514000		3240		6610		67400		26800		12800		17300		16100		41800			
PCB-177	52663-70-4	ppt-TOC	1940000		14700		35100		289000		119000		62700		77900		78100		203000			
PCB-178	52663-67-9	ppt-TOC	709000		6070		12100		107000		41600		24200		32400		30800		65700			
PCB-179	52663-64-6	ppt-TOC	1760000		12900		26800		249000		98400		50200		68500		65900		146000			
PCB-18	37680-65-2	ppt-TOC	12300000		412000		123000		2260000		1210000		144000		273000		286000					
PCB-180	35065-29-3	ppt-TOC	7080000		58100		124000		1130000		447000		233000		294000		289000					
PCB-181	74472-47-2	ppt-TOC	10300		229		549		2510		1310		663		1350		1130		1490			
PCB-182/187	PCB-182/187	ppt-TOC	4350000		38300		78000		682000		270000		156000		211000		201000					
PCB-183	52663-69-1	ppt-TOC	2080000		14100		31000		287000		112000		58100		77200		72700		218000			
PCB-184	74472-48-3	ppt-TOC	2090		302	U	229		1190		525		698		993		938		149	U		
PCB-185	52712-05-7	ppt-TOC	353000		3170		5610		54100		22000		10200		14000		13400		19400			
PCB-186	74472-49-4	ppt-TOC	302	U	302	U	312	U	706	U	725	U	315	U	158		165		149	U		
PCB-188	74487-85-7	ppt-TOC	7240		211		324		1780		753		771		1400		1300		149	U		
PCB-189	39635-31-9	ppt-TOC	100000		762		1970		15900		6440		3850		4790		4620		9550			
PCB-19	38444-73-4	ppt-TOC	1640000		61700		11700		190000		98100		14500		24400		25900		44800			
PCB-190	41411-64-7	ppt-TOC	571000		4070		8660		83800		31600		18400		23500		22500		53700			
PCB-191	74472-50-7	ppt-TOC	116000		931		1950		16900		7380		3810		4880		4840		11300			
PCB-192	74472-51-8	ppt-TOC	302	U	302	U	312	U	706	U	725	U	238		647		538		597	U		
PCB-193	69782-91-8	ppt-TOC	320000		2640		5800		50300		20600		11500		14800		14200					
PCB-194	35694-08-7	ppt-TOC	1320000		13700		28000		254000		96600		57900		74200		76500		188000			
PCB-195	52663-78-2	ppt-TOC	620000		5450		10900		103000		40000		21900		28500		27800		68700			
PCB-196/203	PCB-196/203	ppt-TOC	1820000		22200		35600		303000		134000		75400		99100		94900					
PCB-197	33091-17-7	ppt-TOC	63900		800		1400		11200		4590		2580		3630		3490		6870			
PCB-198	68194-17-2	ppt-TOC	77000		821		1720		13900		6030		4250		5490		5050					
PCB-199	52663-75-9	ppt-TOC	1590000		23600		36800		291000		133000		75800		96000		94300		35800			
PCB-2	2051-61-8	ppt-TOC	57300		7790		2030		19000		8720		4420		7460		10500		13700			
PCB-20/21/33	38444-84-7/5570	ppt-TOC	4300000		200000		39800		941000		450000		95400		156000		177000					
PCB-200	52663-73-7	ppt-TOC	203000		2620		3980		34400		15200		7310		10100		9620					
PCB-201	40186-71-8	ppt-TOC	215000		3360		5490		41200		17900		10300		13600		13200		23600			
PCB-202	2136-99-4	ppt-TOC	317000		6290		11700		72600		31900		22500		29100		29500		80600			
PCB-204	74472-52-9	ppt-TOC	568		302	U	312	U	435		725	U	188		516		411		179	U		
PCB-205	74472-53-0	ppt-TOC	57400		662		1290		11700		4030		2710		4090		3970		8960			
PCB-206	40186-72-9	ppt-TOC	508000		12300		24400		145000		66300		59600		67000		71400		179000			
PCB-207	52663-79-3	ppt-TOC	50000		1260		2510		15200		6750		6190		7960		8460		22700			
PCB-208	52663-77-1	ppt-TOC	130000		3980		7850		38800		17900		20800		22300		24900		83600			
PCB-209	2051-24-3	ppt-TOC	91800		14200		19300		94400		41900		48800		64800		63800		299000			
PCB-22	38444-85-8	ppt-TOC	2270000		189000		40000		618000		341000		93500		141000		161000		299000			
PCB-23	55720-44-0	ppt-TOC	5890		390		96.6		1190		1270		283		651		581		627	U		
PCB-24/27	PCB-24/27	ppt-TOC	1020000		50200		14100		173000		93400		19400		30600		33800					
PCB-25	55712-37-3	ppt-TOC	1560000		76700		22100		214000		91900		61300		80600		90500		65700			
PCB-26	38444-81-4	ppt-TOC	2240000		134000		36300		368000		170000		86500		116000		132000					
PCB-28	7012-37-5	ppt-TOC	8480000		719000		194000		1850000		1050000		433000		588000		643000					
PCB-29	15862-07-4	ppt-TOC	41800		1930		505		10100		5750		938		1950		2030					
PCB-3	2051-62-9	ppt-TOC	333000		40200		4200		31500		15000		11200		18100		17900		11900			
PCB-30	35693-92-6	ppt-TOC	10100		426		312	U	1260		875		315	U	345		332					
PCB-31	16606-02-3	ppt-TOC	7560000		605000		148000		1530000		881000		323000		440000		530000		836000			
PCB-34	37680-68-5	ppt-TOC	72600		3880		1290		14900		7090		2520		3880		4220		5070			
PCB-35	37680-69-6	ppt-TOC	104000		10600		4760		46800		26100		11500		19100		18900		65700			
PCB-36	38444-87-0	ppt-TOC	3150		135		223		1010		681		710		957		841		657	U		
PCB-37	38444-90-5	ppt-TOC	1470000		290000		52400		526000		270000		127000		166000		198000		284000			
PCB-38	53555-66-1	ppt-TOC	62900		4450		1740		14000		9310		2940		4780		4350		716	U		
PCB-39	38444-88-1	ppt-TOC	14000		995		490		2350		1700		1190		1920		1920		5970			
PCB-4/10	PCB-4/10	ppt-TOC	3380000		130000		14800		246000		127000		32700		45500		51600					
PCB-40	38444-93-8	ppt-TOC	536000		84300		17600		169000		98100		32700		51100		57300					
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	2790000		469000		140000		1080000		713000		225000		342000		384000					
PCB-42/59	36559-22-5/7447	ppt-TOC	2260000		223000		75400		712000		394000		111000		170000		196000					
PCB-43/49	PCB-43/49	ppt-TOC	6020000		564000		192000		1680000		984000		308000		465000		522000					

Table B-6
TOC-Normalized Congener PCBs

			Location ID		HRRISED043		HRRISED044		HRRISED045		HRRISED046		HRRISED047		HRRISED048		HRRISED049		HRRISED050		KVK01	
			Sample Name		HRRISED043A-01		HRRISED044A-01		HRRISED045A-01		HRRISED046A-01		HRRISED047A-01		HRRISED048A-01		HRRISED049A-01		HRRISED050A-01		1JMS00157	
			Date Collected		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		11/1/2006		10/31/2006		11/1/2006		8/30/2000	
			Depth		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.3	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	6260000		526000		198000		2040000		1180000		283000		442000		503000					
PCB-45	70362-45-7	ppt-TOC	1310000		92100		25900		356000		204000		34800		60300		67600		143000			
PCB-46	41464-47-5	ppt-TOC	602000		38600		11300		154000		83800		16000		27700		30000		47800			
PCB-47	2437-79-8	ppt-TOC	2520000		255000		83400		615000		356000		150000		213000		247000					
PCB-48/75	70362-47-9/3259	ppt-TOC	1390000		103000		39800		462000		285000		55400		89600		102000					
PCB-5/8	PCB-5/8	ppt-TOC	7480000		348000		32700		565000		304000		79200		126000		141000					
PCB-50	62796-65-0	ppt-TOC	33800		2190		659		6530		3840		894		1600		1760					
PCB-51	68194-04-7	ppt-TOC	780000		51000		15500		117000		67200		25800		39900		42200		143000			
PCB-52/69	35693-99-3/6023	ppt-TOC	7580000		624000		238000		2280000		1340000		369000		552000		614000					
PCB-53	41464-41-9	ppt-TOC	1640000		120000		32200		347000		192000		46900		75200		81100					
PCB-54	15968-05-5	ppt-TOC	86800		3360		1200		6710		3380		1860		2790		2860		2180			
PCB-55	74338-24-2	ppt-TOC	75500		6210		2800		30900		16100		4580		7030		7350		14900			
PCB-56/60	PCB-56/60	ppt-TOC	3110000		276000		118000		1280000		725000		198000		289000		341000					
PCB-57	70424-67-8	ppt-TOC	31400		2400		1220		10700		5750		2330		3350		3700		687	U		
PCB-58	41464-49-7	ppt-TOC	13500		1320		878		4910		2780		1560		2280		2420		627	U		
PCB-6	25569-80-6	ppt-TOC	3380000		137000		8830		78200		52200		27100		44200		49200		44800			
PCB-61/70	PCB-61/70	ppt-TOC	5390000		431000		207000		2110000		1230000		348000		501000		586000					
PCB-62	54230-22-7	ppt-TOC	2640		274		312	U	809		463		315	U	382		346					
PCB-63	74472-34-7	ppt-TOC	153000		13600		6440		66800		39100		12600		16700		19500		50700			
PCB-65	33284-54-7	ppt-TOC	4710		452		312	U	2010		1170		327		723		711					
PCB-67	73575-53-8	ppt-TOC	198000		14300		7220		67400		35900		11900		16900		19900		32800			
PCB-68	73575-52-7	ppt-TOC	31200		3260		1090		5180		3060		2520		3660		3920		8360			
PCB-7/9	PCB-7/9	ppt-TOC	735000		30500		2780		51800		30600		5420		11700		11300					
PCB-73	74338-23-1	ppt-TOC	302	U	302	U	312	U	706	U	725	U	315	U	361	U	378	U	209	U		
PCB-74	32690-93-0	ppt-TOC	2020000		177000		95600		897000		516000		160000		230000		269000					
PCB-76/66	PCB-76/66	ppt-TOC	4420000		445000		188000		1730000		1010000		333000		472000		554000					
PCB-77	32598-13-3	ppt-TOC	364000		63600		23300		212000		104000		52700		79600		73800		173000			
PCB-78	70362-49-1	ppt-TOC	11200		1010		741		5530		3160		1170		1830		1820		806	U		
PCB-79	41464-48-6	ppt-TOC	66500		3550		3410		21800		11800		5480		9520		10000		17300			
PCB-80	33284-52-5	ppt-TOC	302	U	302	U	312	U	706	U	725	U	315	U	361	U	378	U	567	U		
PCB-81	70362-50-4	ppt-TOC	24100		1480		693		12100		5310		1700		2460		2350		1400			
PCB-82	52663-62-4	ppt-TOC	514000		37900		24600		246000		138000		49800		53500		64600		152000			
PCB-83	60145-20-2	ppt-TOC	6120		488		312	U	2010		1080		358		784		665					
PCB-84/92	52663-60-2/5266	ppt-TOC	2590000		116000		83900		750000		434000		167000		181000		207000					
PCB-85/116	PCB-85/116	ppt-TOC	777000		53800		32900		309000		172000		72700		78700		89500					
PCB-86	55312-69-1	ppt-TOC	44200		3880		1290		17600		9910		2420		3090		4140					
PCB-87/117/125	38380-02-8/6819	ppt-TOC	1760000		91400		67800		624000		347000		140000		137000		157000					
PCB-88/91	PCB-88/91	ppt-TOC	683000		57100		39000		309000		172000		71700		95300		108000					
PCB-89	73575-57-2	ppt-TOC	110000		6740		2930		34100		19100		5810		6670		7920		16700			
PCB-90/101	PCB-90/101	ppt-TOC	5850000		231000		200000		1770000		978000		415000		455000		516000					
PCB-93	73575-56-1	ppt-TOC	302	U	302	U	312	U	706	U	725	U	315	U	361	U	378	U				
PCB-94	73575-55-0	ppt-TOC	49700		3760		1930		12600		7090		3810		5230		5840		5070			
PCB-95/98/102	38379-99-6/6023	ppt-TOC	5260000		192000		171000		1440000		800000		302000		351000		405000					
PCB-96	73575-54-9	ppt-TOC	42300		2760		1220		10800		6530		2790		4040		4570		5970			
PCB-97	41464-51-1	ppt-TOC	1470000		81900		66800		559000		322000		131000		143000		164000					
PCB-99	38380-01-7	ppt-TOC	2950000		135000		103000		818000		466000		219000		251000		289000					
Total PCB Congeners (209)	No CAS	ppt-TOC	235000000		11800000		5760000		53800000		28500000		10800000		14000000		15300000		32500000			
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	180000000		8070000		4410000		41200000		21500000		8270000		10600000		11400000		25400000			

Table B-6
TOC-Normalized Congener PCBs

			Location ID		NB01SED001A		NB01SED001A		NB01SED001A		NB01SED002		NB01SED002		NB01SED002		NB01SED002		NB01SED003		NB01SED003	
			Sample Name		NB01SED001B-01		NB01SED001B-02		NB01SED001B-03		NB01SED002B-01		NB01SED002B-02		NB01SED002B-03		NB01SED002B-04		NB01SED003D-01		NB01SED003D-02	
			Date Collected		11/13/2005		11/13/2005		11/13/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/31/2005		10/31/2005	
			Depth		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	29700		35900		34200		17300		10700		360		5680		13500		2860	
PCB-100	39485-83-1	ppt-TOC	12500		12200		17500		8820		2580		240	U	2190	U	5000		1040	
PCB-103	60145-21-3	ppt-TOC	14200		14500		22500		11000		3840		240	U	3350		3810		1370	
PCB-104	56558-16-8	ppt-TOC	733		655		854		312		185	U	240	U	2190	U	3430	U	1190	U
PCB-105	32598-14-4	ppt-TOC	271000		253000		310000		224000		95800		3170		81900		153000		31400	
PCB-106/118	PCB-106/118	ppt-TOC	752000		754000		888000		631000		256000		8400		235000		416000		90600	
PCB-107/109	70424-68-9/7447	ppt-TOC	59100		58800		67700		45300		20100		634		18800		32800		6860	
PCB-108/112	70362-41-3/7447	ppt-TOC	43900		46300		54200		42700		17400		646		15100		23700		5200	
PCB-11	2050-67-1	ppt-TOC	153000		150000		238000		255000		84900		3600		121000		143000		28600	
PCB-110	38380-03-9	ppt-TOC	924000		942000		1180000		833000		349000		12100		314000		554000		118000	
PCB-111/115	PCB-111/115	ppt-TOC	16200		16000		16600		17300		7160		269		6050		7930		1540	
PCB-113	68194-10-5	ppt-TOC	1280	U	1250	U	1760	U	158	U	185	U	240	U	2190	U	3430	U	1190	U
PCB-114	74472-37-0	ppt-TOC	16900		17200		18800		14800		6270		214		5160		9250		1830	
PCB-119	56558-17-9	ppt-TOC	24700		27400		34000		23700		7560		281		7590		12100		2680	
PCB-12/13	PCB-12/13	ppt-TOC	66100		76100		102000		74300		26000		1030		32700		37800		7060	
PCB-120	68194-12-7	ppt-TOC	930		1040		1360		865		422		240	U	2190	U	3430	U	1190	U
PCB-121	56558-18-0	ppt-TOC	1280	U	1250	U	1760	U	158	U	185	U	240	U	2190	U	3430	U	1190	U
PCB-122	76842-07-4	ppt-TOC	10500		10300		12100		7880		4130		240	U	3270		5260		1230	
PCB-123	65510-44-3	ppt-TOC	12600		13900		12900		11100		5420		214		5240		8330		1690	
PCB-124	70424-70-3	ppt-TOC	31200		30700		36900		22200		9240		386		9220		18200		3690	
PCB-126	57465-28-8	ppt-TOC	4360		4580		5060		3250		1310		46		1330		3030		731	
PCB-127	39635-33-1	ppt-TOC	1280	U	1250	U	1760	U	158	U	185	U	240	U	2190	U	3430	U	1190	U
PCB-128/162	PCB-128/162	ppt-TOC	126000		120000		161000		94100		36000		1100		28600		78300		14500	
PCB-129	55215-18-4	ppt-TOC	30600		29800		38100		24100		10500		340		8540		19400		3710	
PCB-130	52663-66-8	ppt-TOC	44200		42900		65600		31000		14900		437		15000		27500		4940	
PCB-131	61798-70-7	ppt-TOC	1280	U	1250	U	225		158	U	185	U	240	U	2190	U	3430	U	1190	U
PCB-132/161	38380-05-1/7447	ppt-TOC	233000		223000		348000		181000		70400		2230		64300		135000		23900	
PCB-133/142	PCB-133/142	ppt-TOC	23700		23400		34800		18100		7070		240	U	6510		13100		2670	
PCB-134/143	PCB-134/143	ppt-TOC	41200		41900		61500		32700		13600		417		10500		26100		4800	
PCB-135	52744-13-5	ppt-TOC	110000		117000		181000		77100		33600		1130		30300		58700		12100	
PCB-136	38411-22-2	ppt-TOC	108000		120000		184000		77600		33600		1240		31900		58900		11600	
PCB-137	35694-06-5	ppt-TOC	34200		38000		41500		30200		11100		326		9320		23600		4940	
PCB-138/163/164	35065-28-2/7447	ppt-TOC	797000		799000		1200000		620000		267000		8030		232000		461000		88600	
PCB-139/149	PCB-139/149	ppt-TOC	618000		724000		1060000		453000		211000		7430		196000		351000		71700	
PCB-14	34883-41-5	ppt-TOC	2560	U	2510	U	3520	U	316	U	371	U	480	U	4380	U	6850	U	2390	U
PCB-140	59291-64-4	ppt-TOC	3760		4130		4190		2800		1300		240	U	2190	U	2250		1190	U
PCB-141	52712-04-6	ppt-TOC	148000		156000		267000		116000		51300		1550		42700		78300		15100	
PCB-144	68194-14-9	ppt-TOC	32100		39400		58300		23900		12000		454		11300		17000		3970	
PCB-145	74472-40-5	ppt-TOC	1280	U	375		296		218		185	U	240	U	2190	U	3430	U	1190	U
PCB-146/165	51908-16-8/7447	ppt-TOC	122000		126000		191000		90200		37600		1110		33500		67000		12800	
PCB-147	68194-13-8	ppt-TOC	18900		23900		26500		12100		5890		275		5430		11800		2720	
PCB-148	74472-41-6	ppt-TOC	2250		2170		2540		1260		411		240	U	2190	U	892		1190	U
PCB-15	2050-68-2	ppt-TOC	385000		397000		463000		286000		116000		3710		121000		243000		45100	
PCB-150	68194-08-1	ppt-TOC	3640		4200		4350		2820		902		240	U	2190	U	1530		343	
PCB-151	52663-63-5	ppt-TOC	190000		217000		356000		124000		61100		2080		54600		96700		20500	
PCB-152	68194-09-2	ppt-TOC	1110		1220		1520		569		260		240	U	2190	U	3430	U	1190	U
PCB-153	35065-27-1	ppt-TOC	806000		839000		1310000		625000		256000		7540		224000		446000		86900	
PCB-154	60145-22-4	ppt-TOC	19400		21400		23800		14700		4220		240	U	3970		8670		1960	
PCB-155	33979-03-2	ppt-TOC	3640		3420		5790		7780		1570		240	U	3270		1880		460	
PCB-156	38380-08-4	ppt-TOC	71800		69500		94000		55900		22000		640		18600		40600		8430	
PCB-157	69782-90-7	ppt-TOC	16100		15600		18000		12800		4890		139		4410		10300		2040	
PCB-158/160	74472-42-7/4141	ppt-TOC	81500		82100		119000		63900		28900		897		25600		48300		9170	
PCB-159	39635-35-3	ppt-TOC	8880		11400		15000		5920		2270		240	U	2190	U	5700		1030	
PCB-16/32	PCB-16/32	ppt-TOC	327000		502000		504000		404000		224000		7910		138000		143000		33400	
PCB-166	41411-63-6	ppt-TOC	3330		2640		3230		2080		880		240	U	2190	U	1830		369	
PCB-167	52663-72-6	ppt-TOC	31200		31300		41000		24300		9400		279		8510		18700		3770	
PCB-168	59291-65-5	ppt-TOC	1770		1450		1160		1230		382		240	U	2190	U	3430	U	1190	U
PCB-169	32774-16-6	ppt-TOC	1280	U	1250	U	1760	U	229		108		67.7		405		3430	U	1190	U
PCB-17	37680-66-3	ppt-TOC	224000		344000		342000		300000		159000		5260		98100		89200		20600	
PCB-170	35065-30-6	ppt-TOC	219000		254000		396000		158000		65300		2020		57000		107000		22300	
PCB-171	52663-71-5	ppt-TOC	62100		70400		113000		48800		19600		606		16500		29600		6140	

Table B-6
TOC-Normalized Congener PCBs

			Location ID	NB01SED001A		NB01SED001A		NB01SED001A		NB01SED002		NB01SED002		NB01SED002		NB01SED002		NB01SED003		NB01SED003	
			Sample Name	NB01SED001B-01		NB01SED001B-02		NB01SED001B-03		NB01SED002B-01		NB01SED002B-02		NB01SED002B-03		NB01SED002B-04		NB01SED003D-01		NB01SED003D-02	
			Date Collected	11/13/2005		11/13/2005		11/13/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/31/2005		10/31/2005	
			Depth	0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC	38500		44000		72900		28400		11600		369		9890		18600		3940		
PCB-173	68194-16-1	ppt-TOC	4520		4910		8350		3550		1730		240	U	2190	U	1760		537		
PCB-174	38411-25-5	ppt-TOC	239000		275000		465000		177000		77600		2410		64900		118000		21700		
PCB-175	40186-70-7	ppt-TOC	14100		14600		22700		11700		3690		240	U	3570		5870		1270		
PCB-176	52663-65-7	ppt-TOC	33000		37800		60600		26900		10500		374		10500		16400		3260		
PCB-177	52663-70-4	ppt-TOC	153000		178000		292000		107000		47100		1440		40500		78800		14900		
PCB-178	52663-67-9	ppt-TOC	57900		65200		101000		41000		16700		614		16300		30200		5860		
PCB-179	52663-64-6	ppt-TOC	132000		152000		244000		97100		38900		1300		36800		70400		12800		
PCB-18	37680-65-2	ppt-TOC	442000		706000		688000		612000		358000		12700		212000		184000		44000		
PCB-180	35065-29-3	ppt-TOC	612000		696000		1100000		414000		173000		5370		155000		323000		57400		
PCB-181	74472-47-2	ppt-TOC	3300		2330		2560		4450		751		240	U	2190	U	774		1190	U	
PCB-182/187	PCB-182/187	ppt-TOC	385000		446000		648000		259000		112000		3890		106000		220000		38000		
PCB-183	52663-69-1	ppt-TOC	153000		169000		256000		113000		48700		1620		44100		77500		14700		
PCB-184	74472-48-3	ppt-TOC	879		871		967		857		221		240	U	2190	U	3430	U	1190	U	
PCB-185	52712-05-7	ppt-TOC	28800		33100		55200		21600		9360		300		7540		14100		2650		
PCB-186	74472-49-4	ppt-TOC	1280	U	1250	U	1760	U	158	U	185	U	240	U	2190	U	3430	U	1190	U	
PCB-188	74487-85-7	ppt-TOC	1270		1360		1350		716		273		240	U	2190	U	799		1190	U	
PCB-189	39635-31-9	ppt-TOC	7610		8570		13500		6060		2380		103		2200		3740		926		
PCB-19	38444-73-4	ppt-TOC	41800		70900		69600		52200		37100		1350		17900		17300		4260		
PCB-190	41411-64-7	ppt-TOC	44200		52700		81700		30400		13500		463		12200		22300		4370		
PCB-191	74472-50-7	ppt-TOC	9120		9890		15800		6550		2710		240	U	2470		3920		900		
PCB-192	74472-51-8	ppt-TOC	1280	U	1250	U	1760	U	158	U	185	U	240	U	2190	U	3430	U	1190	U	
PCB-193	69782-91-8	ppt-TOC	28500		32000		49800		18800		7890		283		7350		13300		2680		
PCB-194	35694-08-7	ppt-TOC	148000		149000		250000		99000		39100		1410		37800		115000		12300		
PCB-195	52663-78-2	ppt-TOC	57600		68300		95600		43900		15700		486		13100		37300		4770		
PCB-196/203	PCB-196/203	ppt-TOC	189000		244000		283000		130000		56200		3200		78900		166000		20800		
PCB-197	33091-17-7	ppt-TOC	6520		7680		10000		5080		1900		240	U	2190	U	4680		651		
PCB-198	68194-17-2	ppt-TOC	19900		19700		17400		11300		3730		240	U	2950		7080		1040		
PCB-199	52663-75-9	ppt-TOC	189000		256000		290000		126000		54000		3860		81900		163000		21700		
PCB-2	2051-61-8	ppt-TOC	10500		11100		13200		7650		3200		640		4780		15100		3090		
PCB-20/21/33	38444-84-7/5570	ppt-TOC	270000		301000		419000		447000		162000		6230		106000		85000		16900		
PCB-200	52663-73-7	ppt-TOC	20100		25100		33100		15700		6310		334		7050		17700		2030		
PCB-201	40186-71-8	ppt-TOC	28100		33300		39200		21400		8270		414		9460		20500		2940		
PCB-202	2136-99-4	ppt-TOC	56400		66400		66700		41600		15900		1160		26700		46600		7030		
PCB-204	74472-52-9	ppt-TOC	1280	U	1250	U	1760	U	158	U	185	U	240	U	2190	U	3430	U	1190	U	
PCB-205	74472-53-0	ppt-TOC	5450		5640		10100		4000		1610		240	U	2190	U	3780		600		
PCB-206	40186-72-9	ppt-TOC	155000		162000		138000		82200		31100		2640		61600		164000		16700		
PCB-207	52663-79-3	ppt-TOC	13500		14500		13600		7900		3040		285		6780		15600		1390		
PCB-208	52663-77-1	ppt-TOC	51200		56800		41700		26700		9890		1150		25100		41100		6690		
PCB-209	2051-24-3	ppt-TOC	149000		171000		101000		69800		27800		1070		31900		73000		17100		
PCB-22	38444-85-8	ppt-TOC	246000		223000		367000		390000		129000		4910		104000		84200		16500		
PCB-23	55720-44-0	ppt-TOC	579		795		742		731		284		240	U	2190	U	3430	U	1190	U	
PCB-24/27	PCB-24/27	ppt-TOC	54200		78800		81300		63900		33100		1120		21900		23900		5540		
PCB-25	55712-37-3	ppt-TOC	124000		122000		161000		139000		42400		1490		38600		30700		8710		
PCB-26	38444-81-4	ppt-TOC	197000		176000		248000		208000		66000		2290		53000		43500		12400		
PCB-28	7012-37-5	ppt-TOC	1020000		916000		1590000		937000		427000		15700		403000		358000		80600		
PCB-29	15862-07-4	ppt-TOC	2570		2600		3290		2530		1050		240	U	2190	U	3430	U	1190	U	
PCB-3	2051-62-9	ppt-TOC	26300		30100		30600		20400		9820		366		8590		21000		4030		
PCB-30	35693-92-6	ppt-TOC	1280	U	892		960		158	U	185	U	240	U	2190	U	3430	U	1190	U	
PCB-31	16606-02-3	ppt-TOC	827000		662000		1230000		1640000		373000		12900		284000		223000		56600		
PCB-34	37680-68-5	ppt-TOC	5480		6020		7980		7370		2160		240	U	2190	U	1620		1190	U	
PCB-35	37680-69-6	ppt-TOC	24100		19300		43500		30000		11400		357		11800		3430	U	1190	U	
PCB-36	38444-87-0	ppt-TOC	1620		1090		2210		812		382		240	U	2190	U	3430	U	1190	U	
PCB-37	38444-90-5	ppt-TOC	318000		244000		346000		235000		104000		3570		89700		136000		24100		
PCB-38	53555-66-1	ppt-TOC	6730		14000		4330		4160		1990		240	U	2260		5720		1190	U	
PCB-39	38444-88-1	ppt-TOC	3060		2260		4020		1800		882		240	U	2190	U	1260		1190	U	
PCB-4/10	PCB-4/10	ppt-TOC	80300		104000		126000		87500		65100		2130		27600		31300		6770		
PCB-40	38444-93-8	ppt-TOC	175000		180000		217000		80200				3740		68600		3230		16800		
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	797000		780000								15000		322000		3430	U	63700		
PCB-42/59	36559-22-5/7447	ppt-TOC	324000		330000		456000		337000		153000		6460		143000		140000		30000		
PCB-43/49	PCB-43/49	ppt-TOC	873000		878000		1140000		878000		373000		14500		343000		333000		71700		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED001A		NB01SED001A		NB01SED001A		NB01SED002		NB01SED002		NB01SED002		NB01SED002		NB01SED003		NB01SED003					
		Sample Name	NB01SED001B-01		NB01SED001B-02		NB01SED001B-03		NB01SED002B-01		NB01SED002B-02		NB01SED002B-03		NB01SED002B-04		NB01SED003D-01		NB01SED003D-02					
		Date Collected	11/13/2005		11/13/2005		11/13/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/31/2005		10/31/2005					
		Depth	0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-44	41464-39-5	ppt-TOC	900000		891000		1240000		939000		449000		19200		378000		351000		79100					
PCB-45	70362-45-7	ppt-TOC	118000		124000		184000		153000		79800		3200		55700		45200		10000					
PCB-46	41464-47-5	ppt-TOC	53000		57600		79400		64500		32900		1340		22200		17600		3940					
PCB-47	2437-79-8	ppt-TOC	418000		429000		521000		435000		146000		5290		139000		152000		30600					
PCB-48/75	70362-47-9/3259	ppt-TOC	141000		248000		219000		138000		99800		4230		86500		69700		13700					
PCB-5/8	PCB-5/8	ppt-TOC	184000		247000		279000		165000		87300		3310		55100		89200		17200					
PCB-50	62796-65-0	ppt-TOC	2940		2940		4040		3710		1680		240	U	2190	U	933		1190	U				
PCB-51	68194-04-7	ppt-TOC	58200		54000		76000		55100		25800		991		19600		19500		4200					
PCB-52/69	35693-99-3/6023	ppt-TOC	1010000		1020000		1310000		1100000		502000		19500		430000		411000		81100					
PCB-53	41464-41-9	ppt-TOC	134000		146000		194000		162000		79100		2970		56800		49600		10100					
PCB-54	15968-05-5	ppt-TOC	3210		2980		3770		2350		1170		240	U	2190	U	1040		1190	U				
PCB-55	74338-24-2	ppt-TOC	10500		11500		11800		9980		4530		240	U	3430		5800		1400					
PCB-56/60	PCB-56/60	ppt-TOC	512000		483000		638000		488000		231000		8310		170000		200000		46000					
PCB-57	70424-67-8	ppt-TOC	6150		6050		7540		5860		2120		240	U	2190	U	17400		489					
PCB-58	41464-49-7	ppt-TOC	3120		2860		4420		1900		993		240	U	2190	U	9750		289					
PCB-6	25569-80-6	ppt-TOC	53000		69500		73500		35100		17100		654		11700		19700		4230					
PCB-61/70	PCB-61/70	ppt-TOC	985000		961000		1210000		898000		409000		14000		311000		395000		81700					
PCB-62	54230-22-7	ppt-TOC	1280	U	1250	U	1760	U	158	U	185	U	240	U	2190	U	3430	U	1190	U				
PCB-63	74472-34-7	ppt-TOC	37600		37200		46900		35700		14900		480		12300		1410		2940					
PCB-65	33284-54-7	ppt-TOC	1280	U	153000		1760	U	973		344		240	U	2190	U	3430	U	1190	U				
PCB-67	73575-53-8	ppt-TOC	28100		27900		36900		27300		12300		406		9970		1180		2490					
PCB-68	73575-52-7	ppt-TOC	8940		7060		9850		3140				240	U	2190	U	267000		740					
PCB-7/9	PCB-7/9	ppt-TOC	14100		21900		24400		16300		8310		480	U	4860		5950		2390	U				
PCB-73	74338-23-1	ppt-TOC	1280	U	1250	U	1760	U	158	U	185	U	240	U	2190	U	3430	U	1060					
PCB-74	32690-93-0	ppt-TOC	439000		415000		515000		378000		176000		5630		135000		174000		37100					
PCB-76/66	PCB-76/66	ppt-TOC	909000		904000		1170000		829000		347000		11900		289000		400000		73700					
PCB-77	32598-13-3	ppt-TOC	103000		104000		158000		106000		43800		1360		34600		49100		9910					
PCB-78	70362-49-1	ppt-TOC	2210		2730		2130		158	U	185	U	240	U	2190	U	1640		1190	U				
PCB-79	41464-48-6	ppt-TOC	9000		10700		10200		6450		2670		240	U	2490		6480		1360					
PCB-80	33284-52-5	ppt-TOC	1280	U	1250	U	1760	U	158	U	185	U	240	U	2190	U	3430	U	1190	U				
PCB-81	70362-50-4	ppt-TOC	10800		12100		3310		4080		1280		60		1090		8030		1760					
PCB-82	52663-62-4	ppt-TOC	95500		93700		106000		89800		41600		1550		34900		55300		11600					
PCB-83	60145-20-2	ppt-TOC	436		537		500		618		287		240	U	2190	U	3430	U	1190	U				
PCB-84/92	52663-60-2/5266	ppt-TOC	373000		394000		488000		345000		145000		5200		121000		199000		41700					
PCB-85/116	PCB-85/116	ppt-TOC	131000		139000		165000		121000		59600		2010		51100		80900		18000					
PCB-86	55312-69-1	ppt-TOC	5820		6230		10800		5980		2910		240	U	2190	U	1990		526					
PCB-87/117/125	38380-02-8/6819	ppt-TOC	274000		273000		321000		273000		119000		4030		96800		159000		34600					
PCB-88/91	PCB-88/91	ppt-TOC	167000		183000		208000		141000		63300		2170		52200		88300		17500					
PCB-89	73575-57-2	ppt-TOC	12500		13700		16300		12600		6360		261		4920		5740		1500					
PCB-90/101	PCB-90/101	ppt-TOC	858000		889000		1160000		775000		322000		10700		289000		464000		99100					
PCB-93	73575-56-1	ppt-TOC	1280	U	1250	U	1760	U	158	U	185	U	240	U	2190	U	3430	U	1190	U				
PCB-94	73575-55-0	ppt-TOC	7880		7860		10600		5960		2710		240	U	2190	U	3430		754					
PCB-95/98/102	38379-99-6/6023	ppt-TOC	670000		719000		919000		604000		264000		9510		232000		389000		72600					
PCB-96	73575-54-9	ppt-TOC	8520		9540		12300		4310		1870		240	U	2810		3270		957					
PCB-97	41464-51-1	ppt-TOC	271000		281000		327000		261000		108000		3710		91600		150000		32600					
PCB-99	38380-01-7	ppt-TOC	458000		473000		565000		408000		156000		5060		140000		3430	U	50600					
Total PCB Congeners (209)	No CAS	ppt-TOC	25800000		27000000		35200000		23500000		9980000		374000		8860000		12200000		2510000					
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	19500000		20500000		27900000		17400000		7730000		276000		6650000		9580000		1910000					

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED003		NB01SED003		NB01SED004		NB01SED004		NB01SED004		NB01SED005		NB01SED005		NB01SED005		NB01SED005	
		Sample Name	NB01SED003D-03		NB01SED003D-04		NB01SED004B-01		NB01SED004B-02		NB01SED004B-03		NB01SED005A-01		NB01SED005A-02		NB01SED005A-03		NB01SED005A-04	
		Date Collected	10/31/2005		10/31/2005		10/30/2005		10/30/2005		10/30/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005	
		Depth	1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	1000		400		53200		57700		80900		70000		79600		114000		125000	
PCB-100	39485-83-1	ppt-TOC	1470	U	938	U	10900		13400		16000		9680		9040		16300		15800	
PCB-103	60145-21-3	ppt-TOC	1470	U	938	U	16400		22600		25600		14000		10800		27500		30200	
PCB-104	56558-16-8	ppt-TOC	1470	U	938	U	688		949		991		1930	U	1740	U	1260	U	595	
PCB-105	32598-14-4	ppt-TOC	1480	U	987	U	250000		294000		473000		276000		197000		624000		814000	
PCB-106/118	PCB-106/118	ppt-TOC	4320	U	2800	U	776000		978000		1390000		809000		617000		1800000		2130000	
PCB-107/109	70424-68-9/7447	ppt-TOC	418		260		66400		91000		120000		67700		52100		144000		168000	
PCB-108/112	70362-41-3/7447	ppt-TOC	335		260		50000		68800		101000		50500		35800		126000		153000	
PCB-11	2050-67-1	ppt-TOC	2940	U	1430		264000		860000		762000		334000		286000		1280000		1300000	
PCB-110	38380-03-9	ppt-TOC	5390	U	4200	U	984000		1370000		1980000		1010000		729000		2510000		3050000	
PCB-111/115	PCB-111/115	ppt-TOC	1470	U	938	U	14900		16600		30200		16700		12300		42600		58300	
PCB-113	68194-10-5	ppt-TOC	1470	U	938	U	336	U	4580		927	U	3190		3170		5260		7020	
PCB-114	74472-37-0	ppt-TOC	1470	U	938	U	13500		16700		29600		16200		11900		40300		53300	
PCB-119	56558-17-9	ppt-TOC	1470	U	938	U	32600		48900		58200		29400		22100		64100		67600	
PCB-12/13	PCB-12/13	ppt-TOC	2940	U	1880	U	132000		257000		331000		142000		120000		362000		336000	
PCB-120	68194-12-7	ppt-TOC	1470	U	938	U	1040		6550		7440		3260		2340		5260		3500	
PCB-121	56558-18-0	ppt-TOC	1470	U	938	U	336	U	1340	U	927	U	1930	U	1740	U	1260	U	993	U
PCB-122	76842-07-4	ppt-TOC	1470	U	938	U	8440		11000		20000		9910		6460		24700		31400	
PCB-123	65510-44-3	ppt-TOC	1470	U	80.4		12700		16700		26000		15800		11100		33500		43800	
PCB-124	70424-70-3	ppt-TOC	1470	U	938	U	21200		30200		49100		29000		22000		66200		88100	
PCB-126	57465-28-8	ppt-TOC	1470	U	938	U	3960		4680		7360		4250		3250		8590		11000	
PCB-127	39635-33-1	ppt-TOC	1470	U	938	U	336	U	1340	U	927	U	1930	U	1740	U	1260	U	993	U
PCB-128/162	PCB-128/162	ppt-TOC	718		451		112000		149000		217000		120000		93300		275000		333000	
PCB-129	55215-18-4	ppt-TOC	1470	U	938	U	24400		33200		55300		31700		20300		72100		88800	
PCB-130	52663-66-8	ppt-TOC	1470	U	206		47600		73200		110000		56800		42100		129000		135000	
PCB-131	61798-70-7	ppt-TOC	1470	U	938	U	336	U	1340	U	927	U	1930	U	1740	U	1260	U	993	U
PCB-132/161	38380-05-1/7447	ppt-TOC	1090		827		206000		301000		413000		227000		160000		568000		614000	
PCB-133/142	PCB-133/142	ppt-TOC	1470	U	938	U	21800		33000		48900		26300		17000		55000		60700	
PCB-134/143	PCB-134/143	ppt-TOC	1470	U	938	U	37000		57200		87100		45100		31300		100000		112000	
PCB-135	52744-13-5	ppt-TOC	1470	U	480		99200		147000		183000		101000		75400		242000		274000	
PCB-136	38411-22-2	ppt-TOC	550		351		93600		153000		189000		105000		70400		244000		283000	
PCB-137	35694-06-5	ppt-TOC	1470	U	938	U	33300		38600		62900		37800		25300		80300		102000	
PCB-138/163/164	35065-28-2/7447	ppt-TOC	4250		2980		756000		1050000		1520000		895000		629000		1920000		2100000	
PCB-139/149	PCB-139/149	ppt-TOC	3330		2670		584000		937000		1140000		627000		458000		1500000		1730000	
PCB-14	34883-41-5	ppt-TOC	2940	U	1880	U	672	U	2680	U	1850	U	3850	U	3480	U	2510	U	1980	U
PCB-140	59291-64-4	ppt-TOC	1470	U	938	U	4960		9510		9800		6050		4090		11600		12300	
PCB-141	52712-04-6	ppt-TOC	657		518		116000		159000		249000		137000		87100		335000		367000	
PCB-144	68194-14-9	ppt-TOC	1470	U	938	U	26700		49600		60200		36000		22600		86800		100000	
PCB-145	74472-40-5	ppt-TOC	1470	U	938	U	336	U	438		531		1930	U	1740	U	606		836	
PCB-146/165	51908-16-8/7447	ppt-TOC	593		473		128000		191000		244000		131000		101000		294000		295000	
PCB-147	68194-13-8	ppt-TOC	1470	U	938	U	17300		28700		35100		20600		17200		45000		51000	
PCB-148	74472-41-6	ppt-TOC	1470	U	938	U	1800		3230		3000		2350		1930		3380		3020	
PCB-15	2050-68-2	ppt-TOC	3220		1620		728000		946000		1240000		800000		771000		1580000		1630000	
PCB-150	68194-08-1	ppt-TOC	1470	U	938	U	2680		4860		5910		2950		2180		4030		5020	
PCB-151	52663-63-5	ppt-TOC	1140		711		159000		257000		307000		175000		120000		400000		460000	
PCB-152	68194-09-2	ppt-TOC	1470	U	938	U	888		1250		1740		900		667		2080		2350	
PCB-153	35065-27-1	ppt-TOC	4140		2780		744000		1100000		1450000		823000		621000		1860000		1970000	
PCB-154	60145-22-4	ppt-TOC	1470	U	938	U	17600		33100		35800		17500		14200		29100		28600	
PCB-155	33979-03-2	ppt-TOC	1470	U	938	U	4400		6910		15100		3200		2200		18100		10000	
PCB-156	38380-08-4	ppt-TOC	482		302		65200		85500		128000		70000		55000		177000		200000	
PCB-157	69782-90-7	ppt-TOC	1470	U	95.6		15200		19200		30000		16700		13600		39700		45500	
PCB-158/160	74472-42-7/4141	ppt-TOC	546		304		74800		106000		166000		93200		61700		209000		237000	
PCB-159	39635-35-3	ppt-TOC	1470	U	938	U	6720		13000		15900		9320		6920		19700		22300	
PCB-16/32	PCB-16/32	ppt-TOC	1820		1260		397000		594000		1180000		536000		359000		1500000		2220000	
PCB-166	41411-63-6	ppt-TOC	1470	U	938	U	2350		3090		5240		3210		2360		7590		7950	
PCB-167	52663-72-6	ppt-TOC	1470	U	135		28400		37400		55600		31700		23500		73200		84500	
PCB-168	59291-65-5	ppt-TOC	1470	U	938	U	1430		2280		4070		1930	U	1980		4620		4000	
PCB-169	32774-16-6	ppt-TOC	156	U	938	U	185		1010	U	398		1930	U	1740	U	1260	U	993	U
PCB-17	37680-66-3	ppt-TOC	1120		749		311000		474000		918000		416000		290000		1180000		1690000	
PCB-170	35065-30-6	ppt-TOC	1040		702		179000		261000		313000		186000		125000		429000		445000	
PCB-171	52663-71-5	ppt-TOC	334		938	U	55600		80900		99100		58600		38800		139000		131000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED003		NB01SED003		NB01SED004		NB01SED004		NB01SED004		NB01SED005		NB01SED005		NB01SED005		NB01SED005				
		Sample Name	NB01SED003D-03		NB01SED003D-04		NB01SED004B-01		NB01SED004B-02		NB01SED004B-03		NB01SED005A-01		NB01SED005A-02		NB01SED005A-03		NB01SED005A-04				
		Date Collected	10/31/2005		10/31/2005		10/30/2005		10/30/2005		10/30/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005				
		Depth	1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-172	52663-74-8	ppt-TOC	1470	U	938	U	31600		46500		56400		34400		22400		77900		76900				
PCB-173	68194-16-1	ppt-TOC	1470	U	938	U	3960		6100		7670		4470		2860		10600		10900				
PCB-174	38411-25-5	ppt-TOC	1140		627		190000		288000		349000		210000		127000		474000		460000				
PCB-175	40186-70-7	ppt-TOC	1470	U	938	U	13200		16000		18400		11500		8330		25900		25700				
PCB-176	52663-65-7	ppt-TOC	1470	U	938	U	29500		45300		54700		33500		22300		75000		74500				
PCB-177	52663-70-4	ppt-TOC	836		938	U	135000		198000		236000		145000		98800		335000		312000				
PCB-178	52663-67-9	ppt-TOC	1470	U	271		50000		75800		87100		58600		40500		115000		119000				
PCB-179	52663-64-6	ppt-TOC	746		489		111000		167000		200000		126000		86300		267000		279000				
PCB-18	37680-65-2	ppt-TOC	2500		1510		524000		806000		1740000		750000		471000		2210000		3480000				
PCB-180	35065-29-3	ppt-TOC	3270		1880		468000		696000		838000		555000		336000		1140000		1160000				
PCB-181	74472-47-2	ppt-TOC	1470	U	938	U	4480		2030		2780		1920		1150		4530		4310				
PCB-182/187	PCB-182/187	ppt-TOC	2180		1450		308000		498000		569000		374000		258000		747000		755000				
PCB-183	52663-69-1	ppt-TOC	857		489		128000		205000		240000		157000		97900		329000		336000				
PCB-184	74472-48-3	ppt-TOC	1470	U	938	U	792		1170		1840		1930	U	1740	U	2090		1990				
PCB-185	52712-05-7	ppt-TOC	1470	U	938	U	21300		32100		40700		25300		14000		55600		56900				
PCB-186	74472-49-4	ppt-TOC	1470	U	938	U	336	U	1340	U	927	U	1930	U	1740	U	1260	U	993	U			
PCB-188	74487-85-7	ppt-TOC	1470	U	938	U	972		1690		2190		1300		1740	U	1390		1430				
PCB-189	39635-31-9	ppt-TOC	1470	U	46.2		7120		10600		12300		7180		5540		16400		17700				
PCB-19	38444-73-4	ppt-TOC	1470	U	938	U	49600		79900		176000		69500		45000		213000		295000				
PCB-190	41411-64-7	ppt-TOC	1470	U	938	U	35500		55200		65100		41600		26500		88500		92400				
PCB-191	74472-50-7	ppt-TOC	1470	U	938	U	7480		11500		13800		8770		5130		19900		19300				
PCB-192	74472-51-8	ppt-TOC	1470	U	938	U	336	U	1340	U	927	U	1930	U	1740	U	1260	U	993	U			
PCB-193	69782-91-8	ppt-TOC	1470	U	938	U	22400		36700		40000		26900		17400		57100		56900				
PCB-194	35694-08-7	ppt-TOC	946		498		124000		177000		205000		160000		88300		247000		293000				
PCB-195	52663-78-2	ppt-TOC	333		192		50800		66600		79100		54500		31100		99700		110000				
PCB-196/203	PCB-196/203	ppt-TOC	1690		982		164000		252000		253000		234000		129000		362000		400000				
PCB-197	33091-17-7	ppt-TOC	1470	U	938	U	6360		8110		9420		7500		4710		11600		13300				
PCB-198	68194-17-2	ppt-TOC	1470	U	938	U	18100		11900		12000		10100		6580		17100		19100				
PCB-199	52663-75-9	ppt-TOC	1660		1140		154000		252000		258000		219000		135000		350000		379000				
PCB-2	2051-61-8	ppt-TOC	2100		927		19200		33900		27600		21500		26300		44700		36900				
PCB-20/21/33	38444-84-7/5570	ppt-TOC	1040		1010		318000		449000		1010000		394000		243000		1110000		1710000				
PCB-200	52663-73-7	ppt-TOC	1470	U	938	U	16900		22700		27800		21000		11300		33800		41000				
PCB-201	40186-71-8	ppt-TOC	1470	U	938	U	27700		34000		38900		30200		20000		50300		53800				
PCB-202	2136-99-4	ppt-TOC	686		331		66400		86100		85100		72700		52500		105000		113000				
PCB-204	74472-52-9	ppt-TOC	1470	U	938	U	336	U	364		927	U	1930	U	1740	U	1260	U	993	U			
PCB-205	74472-53-0	ppt-TOC	1470	U	938	U	5200		7560		8980		7230		4090		10900		12100				
PCB-206	40186-72-9	ppt-TOC	1550		820		142000		225000		217000		186000		131000		241000		260000				
PCB-207	52663-79-3	ppt-TOC	309		938	U	13500		18900		20200		16900		1740	U	21400		24300				
PCB-208	52663-77-1	ppt-TOC	807		287		51200		80500		70200		59100		46700		79100		83100				
PCB-209	2051-24-3	ppt-TOC	4110		509		125000		206000		186000		152000		110000		223000		267000				
PCB-22	38444-85-8	ppt-TOC	1010		847		324000		436000		884000		374000		243000		1020000		1460000				
PCB-23	55720-44-0	ppt-TOC	1470	U	938	U	708		1090		2440		1490		1740	U	2110		3430				
PCB-24/27	PCB-24/27	ppt-TOC	1470	U	247		75200		109000		200000		95000		73300		254000		329000				
PCB-25	55712-37-3	ppt-TOC	661		476		215000		256000		387000		220000		192000		482000		567000				
PCB-26	38444-81-4	ppt-TOC	793		629		290000		343000		549000		295000		265000		656000		788000				
PCB-28	7012-37-5	ppt-TOC	3890		2620		1890000		2040000		3490000		1820000		1360000		4290000		5620000				
PCB-29	15862-07-4	ppt-TOC	1470	U	938	U	2440		2960		6840		3360		2750		9060		12800				
PCB-3	2051-62-9	ppt-TOC	1470		516		42800		53800		70000		52300		54200		96800		110000				
PCB-30	35693-92-6	ppt-TOC	1470	U	938	U	336	U	1340	U	927	U	1930	U	1740	U	1260	U	2880				
PCB-31	16606-02-3	ppt-TOC	2910		2080		892000		1540000		2690000		1150000		988000		3150000		3830000				
PCB-34	37680-68-5	ppt-TOC	1470	U	938	U	10200		14000		21400		8730		7290		22900		26200				
PCB-35	37680-69-6	ppt-TOC	1470	U	938	U	57600		70300		92900		43500		37800		113000		142000				
PCB-36	38444-87-0	ppt-TOC	1470	U	938	U	2160		3180		3310		2200		2370		3790		2550				
PCB-37	38444-90-5	ppt-TOC	1440		956		448000		513000		809000		473000		446000		1040000		1310000				
PCB-38	53555-66-1	ppt-TOC	1470	U	938	U	6120		9790		15900		7680		6040		20400		19300				
PCB-39	38444-88-1	ppt-TOC	1470	U	938	U	5240		7680		9360		4590		4500		9970		9140				
PCB-4/10	PCB-4/10	ppt-TOC	2940	U	1880	U	131000		204000		396000		179000		159000		471000		598000				
PCB-40	38444-93-8	ppt-TOC	814		598		72000		267000		473000		155000		95800		562000		540000				
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	3220		2910				1260000		2200000		877000				2760000		3310000				
PCB-42/59	36559-22-5/7447	ppt-TOC	1390		1110		364000		572000		962000		396000		278000		1260000		1640000				
PCB-43/49	PCB-43/49	ppt-TOC	2960		2530		968000		1480000		2330000		1040000		763000		3090000		3860000				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED003		NB01SED003		NB01SED004		NB01SED004		NB01SED004		NB01SED005		NB01SED005		NB01SED005		NB01SED005			
		Sample Name	NB01SED003D-03		NB01SED003D-04		NB01SED004B-01		NB01SED004B-02		NB01SED004B-03		NB01SED005A-01		NB01SED005A-02		NB01SED005A-03		NB01SED005A-04			
		Date Collected	10/31/2005		10/31/2005		10/30/2005		10/30/2005		10/30/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005			
		Depth	1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-44	41464-39-5	ppt-TOC	3610		2870		864000		1400000		2490000		1010000		667000		3240000		4380000			
PCB-45	70362-45-7	ppt-TOC	400		342		128000		203000		391000		157000		92900		509000		750000			
PCB-46	41464-47-5	ppt-TOC	1470	U	938	U	53600		83500		162000		62700		39800		199000		302000			
PCB-47	2437-79-8	ppt-TOC	1640		1150		492000		642000		969000		447000		382000		1310000		1490000			
PCB-48/75	70362-47-9/3259	ppt-TOC	661		564		164000		307000		558000		236000		140000		729000		1030000			
PCB-5/8	PCB-5/8	ppt-TOC	2940	U	1880	U	281000		386000		693000		359000		310000		821000		1070000			
PCB-50	62796-65-0	ppt-TOC	1470	U	938	U	3930		5900		9490		3970		2280		11700		16000			
PCB-51	68194-04-7	ppt-TOC	1470	U	218		61200		86900		152000		65500		47900		179000		235000			
PCB-52/69	35693-99-3/6023	ppt-TOC	4070		3020		1060000		1640000		2730000		1210000		829000		3620000		4930000			
PCB-53	41464-41-9	ppt-TOC	525		389		147000		221000		402000		173000		110000		521000		717000			
PCB-54	15968-05-5	ppt-TOC	1470	U	938	U	2850		3920		8180		3150		2590		7470		10100			
PCB-55	74338-24-2	ppt-TOC	1470	U	938	U	8680		12900		22200		13600		9710		33200		42600			
PCB-56/60	PCB-56/60	ppt-TOC	2280		1650		476000		690000		1220000		636000		458000		1600000		2200000			
PCB-57	70424-67-8	ppt-TOC	1470	U	938	U	7200		10600		16400		8820		7670		22200		24300			
PCB-58	41464-49-7	ppt-TOC	1470	U	938	U	3990		7980		9890		4420		4080		11600		11400			
PCB-6	25569-80-6	ppt-TOC	2940	U	1880	U	86400		113000		173000		103000		100000		206000		220000			
PCB-61/70	PCB-61/70	ppt-TOC	4140		3000		884000		1410000		2380000		1170000		800000		3030000		3930000			
PCB-62	54230-22-7	ppt-TOC	1470	U	938	U	336	U	1340	U	767		1930	U	1740	U	1260	U	993	U		
PCB-63	74472-34-7	ppt-TOC	1470	U	938	U	40000		59300		97600		48600		36500		122000		147000			
PCB-65	33284-54-7	ppt-TOC	1470	U	938	U	768		1580		2890		1930	U	1740	U	3470		4600			
PCB-67	73575-53-8	ppt-TOC	1470	U	938	U	33400		44600		76400		40800		30700		101000		13100			
PCB-68	73575-52-7	ppt-TOC	1470	U	938	U	6160		21700		24000		10200		8920		22600		18500			
PCB-7/9	PCB-7/9	ppt-TOC	2940	U	1880	U	19200		26800		58400		25500		18300		72400		95200			
PCB-73	74338-23-1	ppt-TOC	1470	U	938	U	336	U	1340	U	927	U	1930	U	1740	U	1260	U	993	U		
PCB-74	32690-93-0	ppt-TOC	1890		1300		408000		571000		996000		536000		378000		1320000		1740000			
PCB-76/66	PCB-76/66	ppt-TOC	4000		2670		932000		1410000		2220000		1160000		838000		2830000		3550000			
PCB-77	32598-13-3	ppt-TOC	643		358		178000		172000		276000		155000		129000		332000		479000			
PCB-78	70362-49-1	ppt-TOC	1470	U	938	U	336	U	1340	U	927	U	1930	U	1740	U	1260	U	993	U		
PCB-79	41464-48-6	ppt-TOC	1470	U	938	U	8520		16100		20700		11200		8540		23200		26400			
PCB-80	33284-52-5	ppt-TOC	1470	U	938	U	336	U	1340	U	927	U	1930	U	1740	U	1260	U	993	U		
PCB-81	70362-50-4	ppt-TOC	1470	U	938	U	2840		4880		10200		3490		3110		5820		11100			
PCB-82	52663-62-4	ppt-TOC	568		384		95600		129000		200000		113000		73300		256000		350000			
PCB-83	60145-20-2	ppt-TOC	1470	U	938	U	386		1340	U	1400		991		1740	U	1890		2520			
PCB-84/92	52663-60-2/5266	ppt-TOC	2010		1530		382000		553000		816000		395000		267000		997000		1240000			
PCB-85/116	PCB-85/116	ppt-TOC	889		687		144000		191000		307000		157000		112000		382000		493000			
PCB-86	55312-69-1	ppt-TOC	1470	U	938	U	5240		5080		10500		5500		4040		14500		20300			
PCB-87/117/125	38380-02-8/6819	ppt-TOC	1580		1210		270000		350000		576000		303000		203000		756000		990000			
PCB-88/91	PCB-88/91	ppt-TOC	857		616		165000		230000		331000		169000		120000		394000		510000			
PCB-89	73575-57-2	ppt-TOC	1470	U	938	U	11800		18800		31600		13400		8750		37600		50500			
PCB-90/101	PCB-90/101	ppt-TOC	4710		3420		880000		1250000		1820000		909000		629000		2290000		2710000			
PCB-93	73575-56-1	ppt-TOC	1470	U	938	U	336	U	1340	U	927	U	1930	U	1740	U	1260	U	993	U		
PCB-94	73575-55-0	ppt-TOC	1470	U	938	U	7880		10100		15500		8050		6000		18500		21000			
PCB-95/98/102	38379-99-6/6023	ppt-TOC	3520		2710		676000		965000		1410000		727000		467000		1750000		2260000			
PCB-96	73575-54-9	ppt-TOC	1470	U	938	U	4120		13900		22400		8860		4830		20700		25500			
PCB-97	41464-51-1	ppt-TOC	1550		1200		285000		401000		600000		298000		204000		750000		926000			
PCB-99	38380-01-7	ppt-TOC	2380		1800		484000		690000		953000		473000		340000		1140000		1350000			
Total PCB Congeners (209)	No CAS	ppt-TOC	116000		80000		26800000		40300000		62200000		31500000		22200000		79100000		98300000			
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	90000		56400		21000000		29300000		45600000		23600000		16800000		57900000		73100000			

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED006A		NB01SED006A		NB01SED006A		NB01SED007		NB01SED007		NB01SED007		NB01SED007		NB01SED008A		NB01SED008A	
		Sample Name	NB01SED006AA-01		NB01SED006AA-02		NB01SED006AA-03		NB01SED007A-01		NB01SED007A-02		NB01SED007A-03		NB01SED007A-04		NB01SED008AA-01		NB01SED008AA-02	
		Date Collected	11/27/2005		11/27/2005		11/27/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/14/2005		11/14/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	105000		71500		133000		71100		38100		77500		52500		80200		116000	
PCB-100	39485-83-1	ppt-TOC	8750		3250		7850		15100		12200		54000		58900		17200		22900	
PCB-103	60145-21-3	ppt-TOC	9000		3650		9350		17100		17200		60000		60400		29400		36000	
PCB-104	56558-16-8	ppt-TOC	590		250		565		1050		848		1950		1460		4350	U	1150	
PCB-105	32598-14-4	ppt-TOC	219000		84200		212000		321000		363000		845000		918000		673000		798000	
PCB-106/118	PCB-106/118	ppt-TOC	610000		248000		620000		983000		1070000		2670000		2700000		1850000		2150000	
PCB-107/109	70424-68-9/7447	ppt-TOC	48500		20800		52000		81700		89000		208000		211000		140000		168000	
PCB-108/112	70362-41-3/7447	ppt-TOC	33100		14400		35300		59400		64300		167000		177000		116000		145000	
PCB-11	2050-67-1	ppt-TOC	194000		79200		191000		318000		393000		815000		914000		858000		1140000	
PCB-110	38380-03-9	ppt-TOC	715000		298000		705000		1260000		1350000		3620000		3750000		2250000		2930000	
PCB-111/115	PCB-111/115	ppt-TOC	9550		3940		8600		21200		22000		57000		63200		43100		48800	
PCB-113	68194-10-5	ppt-TOC	3310		1750		3410		4860		3650		23800		14500		4350	U	4930	U
PCB-114	74472-37-0	ppt-TOC	13200		4460		11500		19300		23000		54000		60000		39000		57400	
PCB-119	56558-17-9	ppt-TOC	21300		9580		22300		41900		39900		163000		149000		58500		68600	
PCB-12/13	PCB-12/13	ppt-TOC	140000		90800		168000		177000		156000		334000		314000		335000		519000	
PCB-120	68194-12-7	ppt-TOC	3220		1330		2750		5280		3690		7250		10400		3080		2020	
PCB-121	56558-18-0	ppt-TOC	2000	U	900	U	2110	U	2460	U	1900	U	2080	U	1390	U	4350	U	4930	U
PCB-122	76842-07-4	ppt-TOC	8300		3080		7000		13000		15400		32200		33500		25600		31900	
PCB-123	65510-44-3	ppt-TOC	10200		4460		10500		19500		21100		52000		56800		35200		40900	
PCB-124	70424-70-3	ppt-TOC	20800		8130		20700		33300		39300		96500		110000		80000		90700	
PCB-126	57465-28-8	ppt-TOC	4040		1670		3790		4690		5380		11200		10700		10900		12000	
PCB-127	39635-33-1	ppt-TOC	2000	U	900	U	2110	U	2460	U	1900	U	2080	U	1390	U	4350	U	4930	U
PCB-128/162	PCB-128/162	ppt-TOC	86500		32700		84500		117000		131000		317000		331000		271000		321000	
PCB-129	55215-18-4	ppt-TOC	18900		7420		19400		30200		35000		86000		96400		64200		83500	
PCB-130	52663-66-8	ppt-TOC	39300		15000		40200		54000		60500		131000		134000		103000		119000	
PCB-131	61798-70-7	ppt-TOC	2000	U	900	U	2110	U	2460	U	1900	U	2080	U	1390	U	4350	U	435	
PCB-132/161	38380-05-1/7447	ppt-TOC	142000		55600		146000		208000		243000		535000		561000		481000		591000	
PCB-133/142	PCB-133/142	ppt-TOC	17600		7080		17200		24100		27300		59500		62900		50400		62800	
PCB-134/143	PCB-134/143	ppt-TOC	29600		11400		29000		43700		49000		116000		125000		87900		106000	
PCB-135	52744-13-5	ppt-TOC	88000		32700		85000		116000		130000		280000		287000		215000		256000	
PCB-136	38411-22-2	ppt-TOC	78500		29200		78000		114000		135000		304000		331000		207000		251000	
PCB-137	35694-06-5	ppt-TOC	21700		8830		20800		32400		40700		105000		114000		76700		94000	
PCB-138/163/164	35065-28-2/7447	ppt-TOC	580000		215000		565000		794000		938000		2090000		2060000		1640000		1960000	
PCB-139/149	PCB-139/149	ppt-TOC	540000		196000		500000		717000		824000		1840000		1910000		1260000		1500000	
PCB-14	34883-41-5	ppt-TOC	4000	U	1800	U	4220	U	4910	U	3790	U	4160	U	2770	U	8710	U	9860	U
PCB-140	59291-64-4	ppt-TOC	4100		1780		4520		6110		6810		12800		13800		6520		8930	
PCB-141	52712-04-6	ppt-TOC	80000		30200		77000		117000		149000		323000		328000		285000		358000	
PCB-144	68194-14-9	ppt-TOC	25600		9250		23000		36300		48100		89500		95400		72100		92600	
PCB-145	74472-40-5	ppt-TOC	2000	U	900	U	2110	U	2460	U	1900	U	760		857		635		740	
PCB-146/165	51908-16-8/7447	ppt-TOC	93000		37500		92500		117000		138000		291000		290000		246000		307000	
PCB-147	68194-13-8	ppt-TOC	21300		8330		20100		29800		29000		75000		81100		34400		40700	
PCB-148	74472-41-6	ppt-TOC	1800		925		2210		2530		2660		4840		5500		2670		2860	
PCB-15	2050-68-2	ppt-TOC	940000		569000		1060000		1050000		814000		1370000		1140000		1560000		2100000	
PCB-150	68194-08-1	ppt-TOC	2650		1100		2370		3580		3420		8700		15100		4150		4700	
PCB-151	52663-63-5	ppt-TOC	142000		48800		131000		184000		223000		446000		439000		367000		433000	
PCB-152	68194-09-2	ppt-TOC	1050		423		1010		1180		1260		2930		2950		1970		2270	
PCB-153	35065-27-1	ppt-TOC	585000		217000		550000		739000		900000		1840000		1830000		1650000		1950000	
PCB-154	60145-22-4	ppt-TOC	17500		6830		18000		23800		20700		52000		70700		24400		30200	
PCB-155	33979-03-2	ppt-TOC	2190		660		1850		4020		5900		13500		16400		42100		50500	
PCB-156	38380-08-4	ppt-TOC	51500		19700		50500		67800		79000		198000		214000		158000		183000	
PCB-157	69782-90-7	ppt-TOC	11900		4560		11800		16500		19100		44900		48600		33800		41400	
PCB-158/160	74472-42-7/4141	ppt-TOC	52500		18900		52000		83300		101000		232000		249000		177000		209000	
PCB-159	39635-35-3	ppt-TOC	6600		2480		5950		8170		8670		16200		12800		16900		18100	
PCB-16/32	PCB-16/32	ppt-TOC	351000		204000		414000		425000		457000		920000		1180000		1450000		2160000	
PCB-166	41411-63-6	ppt-TOC	1730		752		1760		3230		3800		9150		9640		6310		7770	
PCB-167	52663-72-6	ppt-TOC	23500		8500		22200		30500		34100		86500		88200		67300		79500	
PCB-168	59291-65-5	ppt-TOC	905		390		690		2880		2690		4970		5460		2100		2420	
PCB-169	32774-16-6	ppt-TOC	2000	U	900	U	2110	U	2460	U	1900	U	2080	U	1390	U	4350	U	4930	U
PCB-17	37680-66-3	ppt-TOC	258000		160000		324000		320000		326000		675000		839000		1050000		1540000	
PCB-170	35065-30-6	ppt-TOC	130000		47700		115000		162000		219000		410000		364000		415000		479000	
PCB-171	52663-71-5	ppt-TOC	37600		13800		34400		51400		69000		121000		110000		122000		135000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED006A		NB01SED006A		NB01SED006A		NB01SED007		NB01SED007		NB01SED007		NB01SED007		NB01SED008A		NB01SED008A	
		Sample Name	NB01SED006AA-01		NB01SED006AA-02		NB01SED006AA-03		NB01SED007A-01		NB01SED007A-02		NB01SED007A-03		NB01SED007A-04		NB01SED008AA-01		NB01SED008AA-02	
		Date Collected	11/27/2005		11/27/2005		11/27/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/14/2005		11/14/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC	22200		8350		20100		28300		37600		69500		62100		70200		85100	
PCB-173	68194-16-1	ppt-TOC	2580		1100		2420		4050		5100		9400		9500		10300		11000	
PCB-174	38411-25-5	ppt-TOC	134000		50200		120000		171000		229000		420000		353000		413000		498000	
PCB-175	40186-70-7	ppt-TOC	7150		2750		7350		10000		12400		23900		20300		21300		24200	
PCB-176	52663-65-7	ppt-TOC	20800		7270		18400		27700		34300		66000		56100		64600		76700	
PCB-177	52663-70-4	ppt-TOC	105000		39400		96500		126000		159000		282000		239000		292000		344000	
PCB-178	52663-67-9	ppt-TOC	41100		15300		38500		50000		57100		108000		86400		108000		119000	
PCB-179	52663-64-6	ppt-TOC	82500		29400		73000		107000		130000		245000		201000		250000		291000	
PCB-18	37680-65-2	ppt-TOC	411000		235000		486000		556000		610000		1290000		1820000		2010000		2980000	
PCB-180	35065-29-3	ppt-TOC	347000		130000		313000		445000		562000		1030000		893000		1090000		1250000	
PCB-181	74472-47-2	ppt-TOC	990		483		990		1800		2910		3030		5390		4540		4120	
PCB-182/187	PCB-182/187	ppt-TOC	270000		95800		241000		324000		375000		710000		575000		708000		807000	
PCB-183	52663-69-1	ppt-TOC	98000		34400		87000		126000		159000		304000		252000		283000		316000	
PCB-184	74472-48-3	ppt-TOC	970		381		940		1200		986		1680		1700		2690		5190	
PCB-185	52712-05-7	ppt-TOC	14700		5290		12700		20000		27400		45900		39600		50200		61200	
PCB-186	74472-49-4	ppt-TOC	2000	U	900	U	2110	U	2460	U	1900	U	2080	U	1390	U	4350	U	4930	U
PCB-188	74487-85-7	ppt-TOC	1210		371		1090		1460		1220		2060		2020		1330		1330	
PCB-189	39635-31-9	ppt-TOC	5050		1770		4350		7060		8430		16900		15500		14900		16900	
PCB-19	38444-73-4	ppt-TOC	42500		30000		56000		54700		55700		125000		168000		156000		356000	
PCB-190	41411-64-7	ppt-TOC	26100		9380		22400		35700		46200		85500		73900		83500		95800	
PCB-191	74472-50-7	ppt-TOC	4510		1750		4740		7220		9330		17800		16100		16300		18200	
PCB-192	74472-51-8	ppt-TOC	2000	U	900	U	2110	U	2460	U	1900	U	2080	U	1390	U	4350	U	4930	U
PCB-193	69782-91-8	ppt-TOC	15800		5960		14600		23600		28200		49800		42900		50400		58800	
PCB-194	35694-08-7	ppt-TOC	95000		34200		83000		128000		150000		253000		200000		267000		319000	
PCB-195	52663-78-2	ppt-TOC	35500		12500		31000		44200		52900		91500		74600		98100		117000	
PCB-196/203	PCB-196/203	ppt-TOC	139000		46900		119000		184000		199000		365000		289000		319000		370000	
PCB-197	33091-17-7	ppt-TOC	4620		1630		4260		4930		5900		11100		8750		10700		12200	
PCB-198	68194-17-2	ppt-TOC	8450		2520		6900		7940		9860		15700		11800		20700		18900	
PCB-199	52663-75-9	ppt-TOC	149000		53100		138000		188000		199000		364000		275000		317000		374000	
PCB-2	2051-61-8	ppt-TOC	18300		9690		24300		19400		15000		29300		20400		27100		34400	
PCB-20/21/33	38444-84-7/5570	ppt-TOC	168000		97900		183000		322000		345000		690000		918000		1310000		2090000	
PCB-200	52663-73-7	ppt-TOC	12600		4480		11100		15400		16100		32600		26800		32100		37900	
PCB-201	40186-71-8	ppt-TOC	21400		7350		19100		25300		28500		47600		38200		46900		52100	
PCB-202	2136-99-4	ppt-TOC	59000		19700		53500		63300		70000		110000		81800		92500		103000	
PCB-204	74472-52-9	ppt-TOC	2000	U	900	U	2110	U	2460	U	1900	U	2080	U	1390	U	4350	U	4930	U
PCB-205	74472-53-0	ppt-TOC	3490		1230		3200		5720		6760		11000		9320		10600		12200	
PCB-206	40186-72-9	ppt-TOC	149000		47100		123000		198000		193000		284000		203000		240000		253000	
PCB-207	52663-79-3	ppt-TOC	11800		3920		9850		17800		17100		26400		19600		22900		24200	
PCB-208	52663-77-1	ppt-TOC	51500		16800		44500		64400		70500		98500		67500		77300		82600	
PCB-209	2051-24-3	ppt-TOC	138000		42900		115000		133000		173000		226000		160000		231000		242000	
PCB-22	38444-85-8	ppt-TOC	177000		100000		206000		320000		333000		655000		800000		1290000		1730000	
PCB-23	55720-44-0	ppt-TOC	620		402		560		2460	U	700		1240		2200		3040		4020	
PCB-24/27	PCB-24/27	ppt-TOC	69500		46000		88500		83300		81000		170000		181000		250000		374000	
PCB-25	55712-37-3	ppt-TOC	177000		106000		216000		224000		198000		830000		436000		535000		740000	
PCB-26	38444-81-4	ppt-TOC	277000		156000		305000		331000		269000		1660000		775000		810000		1130000	
PCB-28	7012-37-5	ppt-TOC	1060000		665000		1160000		1620000		1540000		2860000		2950000		4850000		6420000	
PCB-29	15862-07-4	ppt-TOC	2040		1240		2150		2940		2760		5800		6820		10500		17900	
PCB-3	2051-62-9	ppt-TOC	62500		37100		75000		51500		35000		72500		51800		77300		95300	
PCB-30	35693-92-6	ppt-TOC	416		900	U	2110	U	2460	U	1900	U	2080	U	1390	U	2580		5350	
PCB-31	16606-02-3	ppt-TOC	800000		465000		885000		1140000		1090000		2390000		2380000		3420000		5210000	
PCB-34	37680-68-5	ppt-TOC	6800		4420		8000		8330		8100		18900		16100		26000		39800	
PCB-35	37680-69-6	ppt-TOC	34900		14800		32300		42300		42200		79500		80000		99400		127000	
PCB-36	38444-87-0	ppt-TOC	1870		1070		2210		2020		1780		6200		2840		4100		3980	
PCB-37	38444-90-5	ppt-TOC	427000		231000		457000		492000		455000		735000		707000		1110000		1380000	
PCB-38	53555-66-1	ppt-TOC	8850		5770		11700		7560		7480		20600		19600		12300		18300	
PCB-39	38444-88-1	ppt-TOC	4040		2190		4490		4880		4450		7900		6040		9500		12300	
PCB-4/10	PCB-4/10	ppt-TOC	158000		111000		206000		178000		155000		309000		323000		410000		888000	
PCB-40	38444-93-8	ppt-TOC	94500		43300		101000		152000		185000		364000		446000		675000		949000	
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	437000		181000		482000		750000		852000		1950000		2240000		2830000		3930000	
PCB-42/59	36559-22-5/7447	ppt-TOC	213000		98300		222000		323000		378000		1020000		1010000		1220000		1710000	
PCB-43/49	PCB-43/49	ppt-TOC	570000		290000		595000		906000		981000		3110000		2750000		2960000		4020000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED006A		NB01SED006A		NB01SED006A		NB01SED007		NB01SED007		NB01SED007		NB01SED007		NB01SED008A		NB01SED008A	
		Sample Name	NB01SED006AA-01		NB01SED006AA-02		NB01SED006AA-03		NB01SED007A-01		NB01SED007A-02		NB01SED007A-03		NB01SED007A-04		NB01SED008AA-01		NB01SED008AA-02	
		Date Collected	11/27/2005		11/27/2005		11/27/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/14/2005		11/14/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	498000		215000		510000		811000		957000		2360000		2660000		3210000		4470000	
PCB-45	70362-45-7	ppt-TOC	58000		27100		62000		100000		130000		265000		371000		442000		698000	
PCB-46	41464-47-5	ppt-TOC	26600		12500		28500		45400		55200		112000		160000		179000		277000	
PCB-47	2437-79-8	ppt-TOC	291000		151000		321000		421000		421000		1200000		1060000		1350000		1840000	
PCB-48/75	70362-47-9/3259	ppt-TOC	93500		41300		82500		157000		207000		417000		546000		567000		835000	
PCB-5/8	PCB-5/8	ppt-TOC	337000		213000		406000		386000		310000		580000		607000		779000		1520000	
PCB-50	62796-65-0	ppt-TOC	1670		925		1910		2410		3070		6950		7750		10500		16100	
PCB-51	68194-04-7	ppt-TOC	31600		16700		34400		53800		58100		136000		153000		160000		240000	
PCB-52/69	35693-99-3/6023	ppt-TOC	605000		263000		610000		1000000		1150000		3700000		3510000		3350000		4530000	
PCB-53	41464-41-9	ppt-TOC	69500		38100		75500		126000		148000		313000		400000		454000		698000	
PCB-54	15968-05-5	ppt-TOC	1900		900		1850		2640		2730		6850		7290		6920		11600	
PCB-55	74338-24-2	ppt-TOC	9700		4210		10500		10900		12100		29500		33400		34000		39500	
PCB-56/60	PCB-56/60	ppt-TOC	430000		184000		462000		467000		557000		1010000		1200000		1650000		2040000	
PCB-57	70424-67-8	ppt-TOC	7800		4000		8700		7720		7480		23400		19500		21000		27200	
PCB-58	41464-49-7	ppt-TOC	3460		1680		3770		4020		4680		11100		10300		10100		13100	
PCB-6	25569-80-6	ppt-TOC	115000		77700		145000		123000		87600		186000		150000		193000		353000	
PCB-61/70	PCB-61/70	ppt-TOC	810000		342000		860000		878000		1040000		2160000		2500000		3210000		4070000	
PCB-62	54230-22-7	ppt-TOC	2000	U	900	U	2110	U	2460	U	1900	U	2080	U	1390	U	4350	U	4930	U
PCB-63	74472-34-7	ppt-TOC	38000		17600		42100		36700		40200		81500		85400		129000		165000	
PCB-65	33284-54-7	ppt-TOC	2000	U	900	U	2110	U	2460	U	1900	U	3780	U	3020	U	4350	U	4930	U
PCB-67	73575-53-8	ppt-TOC	31000		15300		31800		31100		33700		66500		71800		97100		127000	
PCB-68	73575-52-7	ppt-TOC	4940		3080		7500		12500		11800		51500		31100		21700		28600	
PCB-7/9	PCB-7/9	ppt-TOC	16600		10300		21600		24800		22500		43700		57500		61300		138000	
PCB-73	74338-23-1	ppt-TOC	2000	U	900	U	2110	U	2460	U	1900	U	2080	U	1390	U	4350	U	4930	U
PCB-74	32690-93-0	ppt-TOC	378000		161000		398000		389000		448000		830000		918000		1400000		1750000	
PCB-76/66	PCB-76/66	ppt-TOC	860000		346000		885000		889000		976000		1920000		2150000		3000000		3700000	
PCB-77	32598-13-3	ppt-TOC	156000		57700		134000		129000		123000		215000		227000		331000		414000	
PCB-78	70362-49-1	ppt-TOC	2110		850		2290		2460	U	1900	U	2080	U	1390	U	5000		7330	
PCB-79	41464-48-6	ppt-TOC	9650		3880		10700		10000		10500		24800		25700		23800		26700	
PCB-80	33284-52-5	ppt-TOC	2000	U	900	U	2110	U	2460	U	1900	U	2080	U	1390	U	4350	U	4930	U
PCB-81	70362-50-4	ppt-TOC	2160		1120		3530		3250		3340		7250		11600		25600		33700	
PCB-82	52663-62-4	ppt-TOC	76500		29200		75000		119000		143000		310000		345000		231000		291000	
PCB-83	60145-20-2	ppt-TOC	2000	U	194		2110	U	2460	U	1220		1480		2340		2730		1550	
PCB-84/92	52663-60-2/5266	ppt-TOC	262000		111000		273000		469000		519000		1400000		1490000		948000		1220000	
PCB-85/116	PCB-85/116	ppt-TOC	108000		42100		104000		181000		204000		470000		525000		354000		449000	
PCB-86	55312-69-1	ppt-TOC	2310		1110		2980		6060		7430		14100		19100		19700		24900	
PCB-87/117/125	38380-02-8/6819	ppt-TOC	190000		74600		187000		356000		410000		955000		1090000		658000		865000	
PCB-88/91	PCB-88/91	ppt-TOC	116000		50400		117000		215000		230000		765000		757000		388000		481000	
PCB-89	73575-57-2	ppt-TOC	6900		2770		6550		14600		18300		38200		43600		36500		48100	
PCB-90/101	PCB-90/101	ppt-TOC	625000		244000		620000		1120000		1250000		3040000		3450000		2130000		2630000	
PCB-93	73575-56-1	ppt-TOC	2000	U	900	U	2110	U	2460	U	1900	U	2080	U	1390	U	4350	U	4930	U
PCB-94	73575-55-0	ppt-TOC	6450		2790		6700		9060		9480		20100		24100		18400		22700	
PCB-95/98/102	38379-99-6/6023	ppt-TOC	459000		181000		453000		822000		962000		2620000		2740000		1600000		2000000	
PCB-96	73575-54-9	ppt-TOC	2630		1050		4560		10400		12800		32500		37900		23100		32800	
PCB-97	41464-51-1	ppt-TOC	199000		79200		198000		357000		396000		975000		1110000		694000		898000	
PCB-99	38380-01-7	ppt-TOC	355000		144000		358000		628000		648000		1770000		1980000		1110000		1400000	
Total PCB Congeners (209)	No CAS	ppt-TOC	21300000		9810000		22100000		29800000		32300000		74500000		76100000		77300000		103000000	
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	15400000		6810000		15600000		21600000		23800000		53000000		55000000		57100000		74000000	

Table B-6
TOC-Normalized Congener PCBs

			Location ID		NB01SED008A		NB01SED009		NB01SED009		NB01SED009		NB01SED009		NB01SED010A		NB01SED010A		NB01SED010A		NB01SED011	
			Sample Name		NB01SED008AA-03		NB01SED009A-01		NB01SED009A-02		NB01SED009A-03		NB01SED009A-04		NB01SED010I-01		NB01SED010I-02		NB01SED010I-03		NB01SED011B-01	
			Date Collected		11/14/2005		11/6/2005		11/6/2005		11/6/2005		11/6/2005		10/31/2005		10/31/2005		10/31/2005		11/1/2005	
			Depth		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.3		1.3-2.0		0.0-0.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	119000		26600		1340		902		997		10200		841		956		17100	
PCB-100	39485-83-1	ppt-TOC	22100		6940		2980	U	2690	U	1380	U	3220		369		2350	U	2800	
PCB-103	60145-21-3	ppt-TOC	42100		8970		2980	U	2690	U	1380	U	4180		715		526		3190	
PCB-104	56558-16-8	ppt-TOC	627		4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-105	32598-14-4	ppt-TOC	867000		209000		8770		1130		1410		93100		58000		33400		73700	
PCB-106/118	PCB-106/118	ppt-TOC	2350000		582000		21800		2730		3730		257000		148000		87200		201000	
PCB-107/109	70424-68-9/7447	ppt-TOC	186000		45500		1640		2690	U	357		20600		8960		5610		15700	
PCB-108/112	70362-41-3/7447	ppt-TOC	163000		34500		1490		2690	U	1380	U	15900		5720		3590		11300	
PCB-11	2050-67-1	ppt-TOC	1390000		205000		8190		5400	U	2770	U	64400		3290	U	4700	U	54700	
PCB-110	38380-03-9	ppt-TOC	3120000		736000		27400		3490		5070		330000		172000		104000		262000	
PCB-111/115	PCB-111/115	ppt-TOC	57500		11900		2980	U	2690	U	1380	U	6150		10900		2130		3290	
PCB-113	68194-10-5	ppt-TOC	4150	U	4300	U	2980	U	2690	U	1380	U	6500	U	60400		2350	U	514	
PCB-114	74472-37-0	ppt-TOC	59000		12800		749		2690	U	1380	U	6750		3270		2210		4800	
PCB-119	56558-17-9	ppt-TOC	82900		17300		2980	U	2690	U	1380	U	8190		1910		1390		6420	
PCB-12/13	PCB-12/13	ppt-TOC	433000		78200		5950	U	5400	U	2770	U	27400		3290	U	4700	U	30900	
PCB-120	68194-12-7	ppt-TOC	3310		4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-121	56558-18-0	ppt-TOC	4150	U	4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-122	76842-07-4	ppt-TOC	36500		7640		2980	U	2690	U	1380	U	3750		1770		1090		3030	
PCB-123	65510-44-3	ppt-TOC	43800		10500		649		2690	U	1380	U	4480		1950		1220		4010	
PCB-124	70424-70-3	ppt-TOC	95200		22600		1020		2690	U	1380	U	10700		6190		4320		7790	
PCB-126	57465-28-8	ppt-TOC	12300		3240		2980	U	2690	U	1380	U	1590		774		2350	U	1280	
PCB-127	39635-33-1	ppt-TOC	4150	U	4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-128/162	PCB-128/162	ppt-TOC	313000		82700		3330		2690	U	747		38400		27600		16700		31100	
PCB-129	55215-18-4	ppt-TOC	81300		19000		1100		2690	U	1380	U	9060		6990		4490		7000	
PCB-130	52663-66-8	ppt-TOC	113000		29100		1290		2690	U	1380	U	14800		7140		5080		11400	
PCB-131	61798-70-7	ppt-TOC	758		4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-132/161	38380-05-1/7447	ppt-TOC	583000		151000		5580		722		1090		67500		37400		23100		52300	
PCB-133/142	PCB-133/142	ppt-TOC	59800		15800		788		2690	U	1380	U	7310		3600		2540		6000	
PCB-134/143	PCB-134/143	ppt-TOC	111000		27600		1010		2690	U	1380	U	12800		6270		4450		9680	
PCB-135	52744-13-5	ppt-TOC	267000		71200		2790		2690	U	1380	U	32900		12400		9280		29400	
PCB-136	38411-22-2	ppt-TOC	260000		74500		2810		2690	U	550		34700		12500		9000		26700	
PCB-137	35694-06-5	ppt-TOC	95000		25600		1190		2690	U	1380	U	12400		9340		5780		8160	
PCB-138/163/164	35065-28-2/7447	ppt-TOC	1960000		527000		20000		2530		3900		238000		129000		83300		198000	
PCB-139/149	PCB-139/149	ppt-TOC	1540000		445000		17000		2240		3370		204000		76200		57200		176000	
PCB-14	34883-41-5	ppt-TOC	8330	U	8610	U	5950	U	5400	U	2770	U	13000	U	3290	U	4700	U	4230	U
PCB-140	59291-64-4	ppt-TOC	6900		3610		2980	U	2690	U	1380	U	1770		481		2350	U	1280	
PCB-141	52712-04-6	ppt-TOC	367000		91200		3470		569		683		44800		20000		14400		34800	
PCB-144	68194-14-9	ppt-TOC	89000		25200		2980	U	2690	U	1380	U	11800		4120		3500		9890	
PCB-145	74472-40-5	ppt-TOC	4150	U	4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-146/165	51908-16-8/7447	ppt-TOC	302000		80000		2930		2690	U	573		36600		14400		10600		29900	
PCB-147	68194-13-8	ppt-TOC	44600		14700		607		2690	U	1380	U	7380		2620		1710		6160	
PCB-148	74472-41-6	ppt-TOC	3170		1280		2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	605	
PCB-15	2050-68-2	ppt-TOC	1840000		497000		19100		3530		2890		164000		5430		5340		186000	
PCB-150	68194-08-1	ppt-TOC	5650		4300	U	2980	U	2690	U	1380	U	1310		1650	U	2350	U	889	
PCB-151	52663-63-5	ppt-TOC	462000		129000		5280		707		763		60600		18200		16900		51400	
PCB-152	68194-09-2	ppt-TOC	2290		4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-153	35065-27-1	ppt-TOC	2020000		518000		19500		2420		3500		244000		108000		80000		196000	
PCB-154	60145-22-4	ppt-TOC	34400		11400		2980	U	2690	U	1380	U	6250		1190		983		4710	
PCB-155	33979-03-2	ppt-TOC	19200		2550		2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	821	
PCB-156	38380-08-4	ppt-TOC	185000		47600		1980		296		437		22100		16000		9720		18100	
PCB-157	69782-90-7	ppt-TOC	38700		10700		488	U	2690	U	122		5060		5370		2130		4060	
PCB-158/160	74472-42-7/4141	ppt-TOC	212000		54200		2150		2690	U	463		25900		15500		9670		19900	
PCB-159	39635-35-3	ppt-TOC	18500		4880		2980	U	2690	U	1380	U	6500	U	1960		4000		2620	
PCB-16/32	PCB-16/32	ppt-TOC	2330000		555000		17300		1950		1680		111000		6690		5780		93200	
PCB-166	41411-63-6	ppt-TOC	7580		2100		2980	U	2690	U	1380	U	1340		929		2350	U	874	
PCB-167	52663-72-6	ppt-TOC	78100		21000		1050		2690	U	222		9690		6020		3610		7790	
PCB-168	59291-65-5	ppt-TOC	2670		4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-169	32774-16-6	ppt-TOC	4150	U	4300	U	2980	U	2690	U	1380	U	431		1650	U	2350	U	2120	U
PCB-17	37680-66-3	ppt-TOC	1750000		361000		10700		1190		1220		75000		3850		3510		65800	
PCB-170	35065-30-6	ppt-TOC	481000		123000		4910		738		843		61800		18400		15900		52600	
PCB-171	52663-71-5	ppt-TOC	146000		35800		2980	U	2690	U	1380	U	17200		5730		4680		13900	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED008A		NB01SED009		NB01SED009		NB01SED009		NB01SED009		NB01SED010A		NB01SED010A		NB01SED010A		NB01SED011	
		Sample Name	NB01SED008AA-03		NB01SED009A-01		NB01SED009A-02		NB01SED009A-03		NB01SED009A-04		NB01SED010I-01		NB01SED010I-02		NB01SED010I-03		NB01SED011B-01	
		Date Collected	11/14/2005		11/6/2005		11/6/2005		11/6/2005		11/6/2005		10/31/2005		10/31/2005		10/31/2005		11/1/2005	
		Depth	1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.3		1.3-2.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC	90600		22800		1030		2690	U	1380	U	11500		6970		12200		9370	
PCB-173	68194-16-1	ppt-TOC	12500		3180		2980	U	2690	U	1380	U	6500	U	624		2350	U	1280	
PCB-174	38411-25-5	ppt-TOC	537000		128000		4860		676		787		66900		25500		30600		52200	
PCB-175	40186-70-7	ppt-TOC	23700		7360		2980	U	2690	U	1380	U	3490		2780		4120		3150	
PCB-176	52663-65-7	ppt-TOC	78500		19100		781		2690	U	1380	U	10100		3340		3780		8420	
PCB-177	52663-70-4	ppt-TOC	363000		91200		3980		2690	U	573		41900		13500		14700		36100	
PCB-178	52663-67-9	ppt-TOC	126000		34500		1480		2690	U	1380	U	18800		11700		22800		14700	
PCB-179	52663-64-6	ppt-TOC	310000		77300		3190		2690	U	460		40600		16700		22200		34500	
PCB-18	37680-65-2	ppt-TOC	3440000		809000		24400		2380		2640		157000		10500		9170		121000	
PCB-180	35065-29-3	ppt-TOC	1350000		348000		13400		1680		1970		171000		77800		101000		143000	
PCB-181	74472-47-2	ppt-TOC	5920		1200		2980	U	2690	U	1380	U	6500	U	479		883		2120	U
PCB-182/187	PCB-182/187	ppt-TOC	850000		231000		9120		1350		1320		116000		79100		140000		98900	
PCB-183	52663-69-1	ppt-TOC	338000		87300		3600		2690	U	523		42900		21400		31200		38200	
PCB-184	74472-48-3	ppt-TOC	2350		4300	U	2980	U	2690	U	1380	U	6500	U	406		2350	U	2120	U
PCB-185	52712-05-7	ppt-TOC	65400		15400		681		2690	U	1380	U	8750		4390		6500		6790	
PCB-186	74472-49-4	ppt-TOC	4150	U	4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-188	74487-85-7	ppt-TOC	1420		4300	U	2980	U	2690	U	1380	U	6500	U	307		594		2120	U
PCB-189	39635-31-9	ppt-TOC	18000		4610		2980	U	2690	U	1380	U	2610		1320		1540		1870	
PCB-19	38444-73-4	ppt-TOC	342000		98200		2980		2690	U	1380	U	13600		765		2350	U	12000	
PCB-190	41411-64-7	ppt-TOC	97100		25600		1230		2690	U	1380	U	13600		4010		3840		11800	
PCB-191	74472-50-7	ppt-TOC	20600		4910		2980	U	2690	U	1380	U	3280		1020		1330		1960	
PCB-192	74472-51-8	ppt-TOC	4150	U	4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-193	69782-91-8	ppt-TOC	63300		15500		772		2690	U	1380	U	8750		3280		4820		6580	
PCB-194	35694-08-7	ppt-TOC	317000		83600		3530		2690	U	507		51600		63700		126000		37100	
PCB-195	52663-78-2	ppt-TOC	120000		30300		1530		2690	U	1380	U	17100		11600		17700		14400	
PCB-196/203	PCB-196/203	ppt-TOC	388000		113000		4700		2690	U	717		91300		212000		464000		47100	
PCB-197	33091-17-7	ppt-TOC	13300		3580		2980	U	2690	U	1380	U	2440		2480		3960		1660	
PCB-198	68194-17-2	ppt-TOC	22700		5270		2980	U	2690	U	1380	U	6560		22500		44200		2310	
PCB-199	52663-75-9	ppt-TOC	390000		122000		5530		2690	U	703		126000		369000		806000		49600	
PCB-2	2051-61-8	ppt-TOC	38700		9240		1420		1400		1410		3160		1420		1040		5050	
PCB-20/21/33	38444-84-7/5570	ppt-TOC	2020000		352000		11800		1730		1970		98800		5370		7110		76300	
PCB-200	52663-73-7	ppt-TOC	43500		11400		2980	U	2690	U	1380	U	7810		7710		13200		5020	
PCB-201	40186-71-8	ppt-TOC	55000		16800		2980	U	2690	U	1380	U	11900		26500		50200		6630	
PCB-202	2136-99-4	ppt-TOC	101000		38800		2980	U	2690	U	1380	U	55900		215000		512000		14900	
PCB-204	74472-52-9	ppt-TOC	4150	U	4300	U	2980	U	2690	U	1380	U	6500	U	513		1070		2120	U
PCB-205	74472-53-0	ppt-TOC	13000		3330		2980	U	2690	U	1380	U	2640		3900		7110		1420	
PCB-206	40186-72-9	ppt-TOC	219000		107000		4580		718		823		203000		871000		1720000		41800	
PCB-207	52663-79-3	ppt-TOC	21200		8060		663		2690	U	1380	U	10800		33700		63900		4060	
PCB-208	52663-77-1	ppt-TOC	65800		37000		1720		2690	U	1380	U	81300		364000		789000		14600	
PCB-209	2051-24-3	ppt-TOC	204000		101000		6530		1550		980		148000		571000		850000		38200	
PCB-22	38444-85-8	ppt-TOC	1770000		327000		11200		1580		1460		88800		5360		4260		68900	
PCB-23	55720-44-0	ppt-TOC	4100		961		2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-24/27	PCB-24/27	ppt-TOC	365000		90600		2980		2690	U	1380	U	16800		775		2350	U	17100	
PCB-25	55712-37-3	ppt-TOC	644000		138000		4530		2690	U	737		36900		959		2350	U	46900	
PCB-26	38444-81-4	ppt-TOC	1030000		228000		6910		1100		1150		59000		1710		1470		70000	
PCB-28	7012-37-5	ppt-TOC	6370000		1250000		41200		4910		5670		368000		16600		12700		323000	
PCB-29	15862-07-4	ppt-TOC	18400		3760		2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	905	
PCB-3	2051-62-9	ppt-TOC	99000		21200		2120		1700		1410		9380		1150		1720		12200	
PCB-30	35693-92-6	ppt-TOC	9250		4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-31	16606-02-3	ppt-TOC	5170000		1070000		31600		4110		3930		264000		12500		9940		239000	
PCB-34	37680-68-5	ppt-TOC	39200		6270		2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	1940	
PCB-35	37680-69-6	ppt-TOC	130000		26700		1520		2690	U	1380	U	6500	U	1650	U	2350	U	7580	
PCB-36	38444-87-0	ppt-TOC	3980		1010		2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-37	38444-90-5	ppt-TOC	1510000		333000		14500		2440		1780		114000		5000		4160		104000	
PCB-38	53555-66-1	ppt-TOC	21000		5450		2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2870	
PCB-39	38444-88-1	ppt-TOC	14200		2610		2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-4/10	PCB-4/10	ppt-TOC	788000		153000		5950	U	5400	U	2770	U	31000		3290	U	4700	U	32800	
PCB-40	38444-93-8	ppt-TOC	1070000		211000		7910		1030		827		64400		5900		2840		48600	
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	4650000		936000		32300		3840		3600		298000		32100				241000	
PCB-42/59	36559-22-5/7447	ppt-TOC	2080000		379000		13700		1840		1380		120000		8570		6000		92100	
PCB-43/49	PCB-43/49	ppt-TOC	4870000		891000		30700		3600		3430		290000		34700		21800	U	235000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED008A		NB01SED009		NB01SED009		NB01SED009		NB01SED009		NB01SED010A		NB01SED010A		NB01SED010A		NB01SED011	
		Sample Name	NB01SED008AA-03		NB01SED009A-01		NB01SED009A-02		NB01SED009A-03		NB01SED009A-04		NB01SED010I-01		NB01SED010I-02		NB01SED010I-03		NB01SED011B-01	
		Date Collected	11/14/2005		11/6/2005		11/6/2005		11/6/2005		11/6/2005		10/31/2005		10/31/2005		10/31/2005		11/1/2005	
		Depth	1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.3		1.3-2.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	5620000		1080000		38800		4040		4670		328000		61900		35800	U	242000	
PCB-45	70362-45-7	ppt-TOC	863000		181000		5530		758		633		40900		3600		2370		27500	
PCB-46	41464-47-5	ppt-TOC	365000		73600		2290		2690	U	1380	U	19000		1640		1030		12300	
PCB-47	2437-79-8	ppt-TOC	2060000		388000		13400		1880		1680		121000		9200		5940		108000	
PCB-48/75	70362-47-9/3259	ppt-TOC	1180000		201000		6860		911		663		67500		5010		3640		43600	
PCB-5/8	PCB-5/8	ppt-TOC	1310000		252000		8000		5400	U	2770	U	74400		3290	U	4700	U	76300	
PCB-50	62796-65-0	ppt-TOC	19800		3820		2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	758	
PCB-51	68194-04-7	ppt-TOC	281000		59400		2070		2690	U	1380	U	17100		1260		711		13400	
PCB-52/69	35693-99-3/6023	ppt-TOC	5460000		1080000		39300		4020		5030		359000		107000		66700		248000	
PCB-53	41464-41-9	ppt-TOC	829000		177000		5490		827		627		42100		4150		2880		32700	
PCB-54	15968-05-5	ppt-TOC	11500		3640		2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	784	
PCB-55	74338-24-2	ppt-TOC	38800		11500		2980	U	2690	U	1380	U	3810		896		2350	U	3220	
PCB-56/60	PCB-56/60	ppt-TOC	2400000		491000		19500		2490		2410		178000		20600		13400		137000	
PCB-57	70424-67-8	ppt-TOC	27500		5300		2980	U	2690	U	1380	U	2360		1650	U	2350	U	1730	
PCB-58	41464-49-7	ppt-TOC	14700		3450		2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	726	
PCB-6	25569-80-6	ppt-TOC	294000		59700		5950	U	5400	U	2770	U	21000		3290	U	4700	U	22900	
PCB-61/70	PCB-61/70	ppt-TOC	4830000		897000		33000		4110		4400		348000		69400		43100		245000	
PCB-62	54230-22-7	ppt-TOC	4150	U	4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-63	74472-34-7	ppt-TOC	187000		35200		1170		2690	U	1380	U	12900		1170		889		9420	
PCB-65	33284-54-7	ppt-TOC	4150	U	4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-67	73575-53-8	ppt-TOC	143000		27600		1120		2690	U	1380	U	10400		605		2350	U	7000	
PCB-68	73575-52-7	ppt-TOC	31700		8450		2980	U	2690	U	1380	U	3610		1650	U	2350	U	3120	
PCB-7/9	PCB-7/9	ppt-TOC	138000		17600		5950	U	5400	U	2770	U	13000	U	3290	U	4700	U	4230	U
PCB-73	74338-23-1	ppt-TOC	4150	U	4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	3050	
PCB-74	32690-93-0	ppt-TOC	2130000		379000		14600		1990		1850		154000		21000		13200		104000	
PCB-76/66	PCB-76/66	ppt-TOC	4420000		852000		30700		4130		3770		316000		33300		23100	U	245000	
PCB-77	32598-13-3	ppt-TOC	463000		96400		3720		758	U	713	U	36400		2530		2140	U	31900	
PCB-78	70362-49-1	ppt-TOC	5790		2080		2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	774	
PCB-79	41464-48-6	ppt-TOC	30000		7670		602		2690	U	1380	U	3280		1400		1070		3230	
PCB-80	33284-52-5	ppt-TOC	4150	U	4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-81	70362-50-4	ppt-TOC	35600		10400		2980	U	122	U	1380	U	3640		2100		1550		3790	
PCB-82	52663-62-4	ppt-TOC	319000		78200		3650		2690	U	593		33000		15400		8890		23400	
PCB-83	60145-20-2	ppt-TOC	2270		4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-84/92	52663-60-2/5266	ppt-TOC	1350000		288000		11100		1420		2000		123000		57400		35300		92100	
PCB-85/116	PCB-85/116	ppt-TOC	483000		122000		4980		673		743		49000		22900		13700		39300	
PCB-86	55312-69-1	ppt-TOC	22300		5150		2980	U	2690	U	1380	U	6500	U	638		2350	U	1580	
PCB-87/117/125	38380-02-8/6819	ppt-TOC	892000		220000		8930		1060		1830		96300		59400		36400		70500	
PCB-88/91	PCB-88/91	ppt-TOC	587000		132000		4650		667		770		51600		18300		11800		43300	
PCB-89	73575-57-2	ppt-TOC	56000		11200		2980	U	2690	U	1380	U	4560		878		722		3320	
PCB-90/101	PCB-90/101	ppt-TOC	2870000		685000		24700		3360		4700		297000		150000		92200		224000	
PCB-93	73575-56-1	ppt-TOC	4150	U	4300	U	2980	U	2690	U	1380	U	6500	U	1650	U	2350	U	2120	U
PCB-94	73575-55-0	ppt-TOC	25400		5850		2980	U	2690	U	1380	U	2230		588		2350	U	2050	
PCB-95/98/102	38379-99-6/6023	ppt-TOC	2310000		552000		20300		2600		3670		218000		104000		67800		172000	
PCB-96	73575-54-9	ppt-TOC	40000		9910		2980	U	2690	U	1380	U	3950		684		2350	U	2660	
PCB-97	41464-51-1	ppt-TOC	1010000		213000		8510		984		1500		95600		44300		26700		70000	
PCB-99	38380-01-7	ppt-TOC	1560000		352000		12300		1680		1960		149000		66200		37600		118000	
Total PCB Congeners (209)	No CAS	ppt-TOC	113000000		24300000		858000		100000		119000		9130000		5090000		7060000		7050000	
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	81300000		17900000		649000		75300		91300		7060000		4950000		6670000		5200000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED012		NB01SED012		NB01SED012		NB01SED012				
		Sample Name	NB01SED011B-02		NB01SED011B-03		NB01SED011B-04		NB01SED011B-05		NB01SED011B-06		NB01SED012A-01		NB01SED012A-02		NB01SED012A-03		NB01SED012A-04				
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005				
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5		4.5-5.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-1	2051-60-7	ppt-TOC	816		110		299		225		4810	U	179000		58400		116000		149000				
PCB-100	39485-83-1	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	26100		10600		30100		15900				
PCB-103	60145-21-3	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	52500		22000		65000		34600				
PCB-104	56558-16-8	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	928		428		881		593				
PCB-105	32598-14-4	ppt-TOC	3170		390		1890		1020		4830		1860000		784000		1880000		1680000				
PCB-106/118	PCB-106/118	ppt-TOC	7950		1030		4790		2530		12200		4440000		1850000		5310000		3680000				
PCB-107/109	70424-68-9/7447	ppt-TOC	695		512	U	345		224		1130		331000		151000		388000		261000				
PCB-108/112	70362-41-3/7447	ppt-TOC	512		512	U	306		200		4810	U	336000		142000		388000		249000				
PCB-11	2050-67-1	ppt-TOC	3000		558		1940		1600		9610	U	922000		534000		1200000		1690000				
PCB-110	38380-03-9	ppt-TOC	10300		1290		6340		3780		13900		5830000		2560000		7310000		5170000				
PCB-111/115	PCB-111/115	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	138000		49800		189000		124000				
PCB-113	68194-10-5	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	53100		814	U	1530	U	2060	U			
PCB-114	74472-37-0	ppt-TOC	2170	U	512	U	170		833	U	4810	U	159000		63800		166000		122000				
PCB-119	56558-17-9	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	123000		52200		148000		84900				
PCB-12/13	PCB-12/13	ppt-TOC	4340	U	1020	U	2890	U	1670	U	9610	U	292000		111000		265000		171000				
PCB-120	68194-12-7	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	1180	U	1540		2950		3170				
PCB-121	56558-18-0	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	1180	U	814	U	1530	U	2060	U			
PCB-122	76842-07-4	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	80800		32200		86900		63400				
PCB-123	65510-44-3	ppt-TOC	199		37.5		138		833	U	303		79400		34800		120000		69000				
PCB-124	70424-70-3	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	177000		76000		213000		151000				
PCB-126	57465-28-8	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	21100		8960		23600		19000				
PCB-127	39635-33-1	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	1180	U	814	U	1530	U	2060	U			
PCB-128/162	PCB-128/162	ppt-TOC	1210		136		752		355		1530		483000		214000		608000		495000				
PCB-129	55215-18-4	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	144000		62800		180000		148000				
PCB-130	52663-66-8	ppt-TOC	526		512	U	369		833	U	4810	U	150000		73600		185000		166000				
PCB-131	61798-70-7	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	1310		486		769		1030				
PCB-132/161	38380-05-1/7447	ppt-TOC	2260		290		1270		651		2590		844000		374000		1060000		861000				
PCB-133/142	PCB-133/142	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	86700		39200		115000		92000				
PCB-134/143	PCB-134/143	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	168000		75800		220000		168000				
PCB-135	52744-13-5	ppt-TOC	1210		149		641		343		1490		336000		153000		485000		354000				
PCB-136	38411-22-2	ppt-TOC	921		512	U	672		333		1450		328000		163000		473000		366000				
PCB-137	35694-06-5	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	183000		75000		236000		174000				
PCB-138/163/164	35065-28-2/7447	ppt-TOC	7630		854		4340		2160		9410		2540000		1200000		3290000		2780000				
PCB-139/149	PCB-139/149	ppt-TOC	6530		745		3550		1800		7690		1840000		926000		2830000		2040000				
PCB-14	34883-41-5	ppt-TOC	4340	U	1020	U	2890	U	1670	U	9610	U	2360	U	1630	U	3070	U	4120	U			
PCB-140	59291-64-4	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	13600		6700		9690		13000				
PCB-141	52712-04-6	ppt-TOC	1330		165		783		351		1560		497000		242000		665000		559000				
PCB-144	68194-14-9	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	105000		55800		151000		123000				
PCB-145	74472-40-5	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	1410		558		1750		1120				
PCB-146/165	51908-16-8/7447	ppt-TOC	1240		143		679		359		1380		356000		165000		477000		368000				
PCB-147	68194-13-8	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	60300		27800		81200		61000				
PCB-148	74472-41-6	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	2760		1410		3160		3340				
PCB-15	2050-68-2	ppt-TOC	5950		725		2490		1660		6590		1970000		780000		1770000		1380000				
PCB-150	68194-08-1	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	6360		3180		12200		7020				
PCB-151	52663-63-5	ppt-TOC	1870		229		1000		620		1980		478000		246000		723000		563000				
PCB-152	68194-09-2	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	3440		1540		4540		3000				
PCB-153	35065-27-1	ppt-TOC	7890		893		4030		2120		8710		2220000		1090000		3060000		2510000				
PCB-154	60145-22-4	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	28600		14300		46200		25100				
PCB-155	33979-03-2	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	1970		1590		4810		3660				
PCB-156	38380-08-4	ppt-TOC	779		99.8		431		198		939		300000		131000		372000		298000				
PCB-157	69782-90-7	ppt-TOC	278		512	U	1440	U	833	U	418	U	64400		26600		76500		62700				
PCB-158/160	74472-42-7/4141	ppt-TOC	916		512	U	462		275		1180		300000		140000		375000		327000				
PCB-159	39635-35-3	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	631		9500		29400		22700				
PCB-16/32	PCB-16/32	ppt-TOC	5090		726		4310		2750		10300		5560000		2600000		6080000		4070000				
PCB-166	41411-63-6	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	13200		5740		15100		13000				
PCB-167	52663-72-6	ppt-TOC	335		52.9		177		110		420		108000		47600		139000		110000				
PCB-168	59291-65-5	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	2080		1020		2210		1670				
PCB-169	32774-16-6	ppt-TOC	2170	U	512	U	1440	U	833	U	453	U	1180	U	814	U	1530	U	2060	U			
PCB-17	37680-66-3	ppt-TOC	3430		446		2740		2040		7260		3780000		1690000		4000000		2540000				
PCB-170	35065-30-6	ppt-TOC	2050		219		1180		498		2080		508000		254000		738000		559000				
PCB-171	52663-71-5	ppt-TOC	611		512	U	1440	U	833	U	4810	U	137000		71000		214000		150000				

Table B-6
TOC-Normalized Congener PCBs

			Location ID		NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED012		NB01SED012		NB01SED012		NB01SED012	
			Sample Name		NB01SED011B-02		NB01SED011B-03		NB01SED011B-04		NB01SED011B-05		NB01SED011B-06		NB01SED012A-01		NB01SED012A-02		NB01SED012A-03		NB01SED012A-04	
			Date Collected		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005	
			Depth		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5		4.5-5.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	84200		43200		124000		91000			
PCB-173	68194-16-1	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	12100		6320		19000		12800			
PCB-174	38411-25-5	ppt-TOC	2120		225		1160		614		2150		522000		264000		842000		583000			
PCB-175	40186-70-7	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	33100		14300		44200		30000			
PCB-176	52663-65-7	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	72500		41000		109000		84100			
PCB-177	52663-70-4	ppt-TOC	1390		137		734		406		4810	U	311000		167000		496000		346000			
PCB-178	52663-67-9	ppt-TOC	832		512	U	431		235		4810	U	108000		63600		164000		130000			
PCB-179	52663-64-6	ppt-TOC	1500		158		810		369		1630		265000		157000		427000		320000			
PCB-18	37680-65-2	ppt-TOC	7530		1080		6760		4430		16500		9500000		4240000		10100000		6900000			
PCB-180	35065-29-3	ppt-TOC	5180		589		2870		1400		5360		1240000		656000		1930000		1410000			
PCB-181	74472-47-2	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	5420		2120		11700		5710			
PCB-182/187	PCB-182/187	ppt-TOC	4930		743		2810		1320		5690		703000		420000		1130000		851000			
PCB-183	52663-69-1	ppt-TOC	1700		186		879		408		1980		306000		179000		465000		356000			
PCB-184	74472-48-3	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	789		492		1500		934			
PCB-185	52712-05-7	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	59700		32400		98800		69800			
PCB-186	74472-49-4	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	1180	U	814	U	1530	U	2060	U		
PCB-188	74487-85-7	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	1240		888		2750		1250			
PCB-189	39635-31-9	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	20000		9280		28500		20200			
PCB-19	38444-73-4	ppt-TOC	811		512	U	662		404		1380		883000		396000		827000		578000			
PCB-190	41411-64-7	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	97500		51400		140000		114000			
PCB-191	74472-50-7	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	20300		9760		29700		21200			
PCB-192	74472-51-8	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	1180	U	814	U	1530	U	2060	U		
PCB-193	69782-91-8	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	52800		27800		79600		57600			
PCB-194	35694-08-7	ppt-TOC	1590		202		838		406		1800		286000		146000		376000		349000			
PCB-195	52663-78-2	ppt-TOC	584		512	U	1440	U	833	U	4810	U	115000		63200		153000		151000			
PCB-196/203	PCB-196/203	ppt-TOC	3850		535		1970		986		3930		350000		191000		485000		395000			
PCB-197	33091-17-7	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	12400		6600		20000		13300			
PCB-198	68194-17-2	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	24600		9920		44200		18600			
PCB-199	52663-75-9	ppt-TOC	3870		771		2540		1120		4890		358000		204000		531000		395000			
PCB-2	2051-61-8	ppt-TOC	1190		271		669		341		4810	U	23600		15300		37800		38500			
PCB-20/21/33	38444-84-7/5570	ppt-TOC	4340		652		3830		2450		10500		6750000		2640000		5960000		3510000			
PCB-200	52663-73-7	ppt-TOC	574		512	U	1440	U	833	U	4810	U	45800		24800		73500		48300			
PCB-201	40186-71-8	ppt-TOC	737		512	U	359		833	U	4810	U	53600		29200		86200		57100			
PCB-202	2136-99-4	ppt-TOC	2320		444		1140		573		3190		89700		52200		158000		101000			
PCB-204	74472-52-9	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	1180	U	244		1530	U	415			
PCB-205	74472-53-0	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	10600		5480		12700		13200			
PCB-206	40186-72-9	ppt-TOC	2380		449		2120		804		3650		200000		115000		271000		261000			
PCB-207	52663-79-3	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	19500		10500		28700		25600			
PCB-208	52663-77-1	ppt-TOC	1360		267		962		384		2280		57500		32600		79200		77300			
PCB-209	2051-24-3	ppt-TOC	1600		219		952		433		2130		319000		142000		368000		376000			
PCB-22	38444-85-8	ppt-TOC	3540		508		2880		1860		7200		4390000		1740000		4770000		2320000			
PCB-23	55720-44-0	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	11700		5400		10700		7340			
PCB-24/27	PCB-24/27	ppt-TOC	963		512	U	666		437		1510		628000		272000		665000		444000			
PCB-25	55712-37-3	ppt-TOC	1760		233		1010		706		2190		1030000		382000		727000		510000			
PCB-26	38444-81-4	ppt-TOC	2520		321		1690		1110		3710		2040000		848000		1940000		985000			
PCB-28	7012-37-5	ppt-TOC	14900		2040		10400		6670		23500		11500000		5180000		8460000		6590000			
PCB-29	15862-07-4	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	58100		19000		28000		28800			
PCB-3	2051-62-9	ppt-TOC	574		127		372		190		4810	U	90300		38400		86900		112000			
PCB-30	35693-92-6	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	5690		2440		6580		3460			
PCB-31	16606-02-3	ppt-TOC	10800		1620		9030		5160		21100		12700000		4080000		15000000		6950000			
PCB-34	37680-68-5	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	80000		28600		96200		29000			
PCB-35	37680-69-6	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	138000		57600		132000		109000			
PCB-36	38444-87-0	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	2090		1550		1530	U	1600			
PCB-37	38444-90-5	ppt-TOC	4730		568		2770		1570		6750		2610000		1010000		1980000		1540000			
PCB-38	53555-66-1	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	54400		41600		170000		44600			
PCB-39	38444-88-1	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	9970		4900		1530	U	5460			
PCB-4/10	PCB-4/10	ppt-TOC	4340	U	1020	U	2890	U	1670	U	9610	U	1670000		578000		981000		920000			
PCB-40	38444-93-8	ppt-TOC	2270		337		1810		1230		4550		2030000		944000		1900000		1530000			
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	11800		1710		8760		6060		21900		8830000		3860000		7540000		6710000			
PCB-42/59	36559-22-5/7447	ppt-TOC	4540		581		2730		2100		7980		3720000		1610000		3080000		2350000			
PCB-43/49	PCB-43/49	ppt-TOC	10900		1310		6590		4550		18400		8640000		3660000		7690000		5460000			

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED012		NB01SED012		NB01SED012		NB01SED012					
		Sample Name	NB01SED011B-02		NB01SED011B-03		NB01SED011B-04		NB01SED011B-05		NB01SED011B-06		NB01SED012A-01		NB01SED012A-02		NB01SED012A-03		NB01SED012A-04					
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005					
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5		4.5-5.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-44	41464-39-5	ppt-TOC	12600		1560		8620		5880		23600		11900000		4960000		10700000		7730000					
PCB-45	70362-45-7	ppt-TOC	1910		199		1470		884		3650		1950000		880000		1720000		1170000					
PCB-46	41464-47-5	ppt-TOC	805		105		521		390		1260		831000		366000		704000		515000					
PCB-47	2437-79-8	ppt-TOC	4570		531		2610		1760		7000		4000000		1520000		3630000		1920000					
PCB-48/75	70362-47-9/3259	ppt-TOC	2580		329		1900		1220		5440		1600000		912000		1390000		1540000					
PCB-5/8	PCB-5/8	ppt-TOC	3530		1020	U	2890	U	1670	U	7340		3750000		1500000		2550000		2540000					
PCB-50	62796-65-0	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	36400		14700		26700		19700					
PCB-51	68194-04-7	ppt-TOC	2170	U	512	U	414		324		1300		531000		230000		469000		329000					
PCB-52/69	35693-99-3/6023	ppt-TOC	12800		1700		7970		5900		21600		10700000		4640000		9460000		7370000					
PCB-53	41464-41-9	ppt-TOC	1910		256		1320		867		3460		1730000		758000		1420000		1070000					
PCB-54	15968-05-5	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	23800		10400		21400		14900					
PCB-55	74338-24-2	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	101000		45600		107000		90700					
PCB-56/60	PCB-56/60	ppt-TOC	7110		890		4480		2650		11400		5780000		2540000		5230000		4390000					
PCB-57	70424-67-8	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	44200		19300		43800		28000					
PCB-58	41464-49-7	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	13600		7020		15700		11700					
PCB-6	25569-80-6	ppt-TOC	4340	U	1020	U	2890	U	1670	U	9610	U	672000		236000		372000		424000					
PCB-61/70	PCB-61/70	ppt-TOC	12000		1620		7970		4940		20600		10600000		4540000		9540000		7000000					
PCB-62	54230-22-7	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	1180	U	814	U	1530	U	2060	U				
PCB-63	74472-34-7	ppt-TOC	600		512	U	290		200		4810	U	369000		156000		353000		225000					
PCB-65	33284-54-7	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	1180	U	814	U	1530	U	2060	U				
PCB-67	73575-53-8	ppt-TOC	2170	U	512	U	1440	U	186		4810	U	286000		120000		257000		191000					
PCB-68	73575-52-7	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	21500		9820		18100		13300					
PCB-7/9	PCB-7/9	ppt-TOC	4340	U	1020	U	2890	U	1670	U	9610	U	322000		95000		191000		199000					
PCB-73	74338-23-1	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	1180	U	814	U	1530	U	2060	U				
PCB-74	32690-93-0	ppt-TOC	5740		682		3620		2160		9240		4670000		1960000		4150000		3020000					
PCB-76/66	PCB-76/66	ppt-TOC	11100		1390		6590		4220		17500		8720000		3740000		8080000		5560000					
PCB-77	32598-13-3	ppt-TOC	1460		175		1040		437		2400		803000		344000		765000		554000					
PCB-78	70362-49-1	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	15000		8440		23800		16200					
PCB-79	41464-48-6	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	55800		26400		76200		54100					
PCB-80	33284-52-5	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	1180	U	814	U	1530	U	2060	U				
PCB-81	70362-50-4	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	95000		45200		125000		100000					
PCB-82	52663-62-4	ppt-TOC	1150		512	U	714		322		4810	U	781000		338000		842000		624000					
PCB-83	60145-20-2	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	3940		2220		4420		2830					
PCB-84/92	52663-60-2/5266	ppt-TOC	4020		583		2580		1520		6260		2600000		1140000		3170000		2180000					
PCB-85/116	PCB-85/116	ppt-TOC	1830		224		1050		541		3050		1140000		492000		1230000		949000					
PCB-86	55312-69-1	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	70300		31400		73800		55600					
PCB-87/117/125	38380-02-8/6819	ppt-TOC	3280		436		1990		1160		5230		2030000		894000		2520000		1910000					
PCB-88/91	PCB-88/91	ppt-TOC	1990		230		1270		680		3080		1120000		488000		1290000		837000					
PCB-89	73575-57-2	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	158000		71400		170000		116000					
PCB-90/101	PCB-90/101	ppt-TOC	9110		1170		5760		3450		12900		5080000		2240000		6270000		4630000					
PCB-93	73575-56-1	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	1180	U	814	U	1530	U	2060	U				
PCB-94	73575-55-0	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	48300		21200		53500		33200					
PCB-95/98/102	38379-99-6/6023	ppt-TOC	7210		896		4660		2900		11000		4280000		1930000		5080000		3590000					
PCB-96	73575-54-9	ppt-TOC	2170	U	512	U	1440	U	833	U	4810	U	81400		35800		90400		72400					
PCB-97	41464-51-1	ppt-TOC	3230		407		1990		1180		5560		2010000		872000		2500000		1670000					
PCB-99	38380-01-7	ppt-TOC	4730		576		2940		1870		8200		2690000		1180000		3410000		2200000					
Total PCB Congeners (209)	No CAS	ppt-TOC	314000		39500		199000		121000		476000		214000000		91800000		216000000		155000000					
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	235000		29300		146000		87300		361000		153000000		67400000		150000000		113000000					

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED013		NB01SED013		NB01SED013		NB01SED014		NB01SED014	
		Sample Name	NB01SED012A-05		NB01SED012A-06		NB01SED012A-06		NB01SED012A-07		NB01SED013C-02		NB01SED013C-03		NB01SED013C-04		NB01SED014A-01		NB01SED014A-02	
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/1/2005		10/31/2005		10/31/2005		10/31/2005		11/8/2005		11/8/2005	
		Depth	3.5-5.0		5.0-6.5		5.0-6.5		6.5-8.0		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	110000				56700		8950		1330	U	507		346	U	11500		1290	U
PCB-100	39485-83-1	ppt-TOC	19000				6820		3510		1330	U	291	U	346	U	2280		1290	U
PCB-103	60145-21-3	ppt-TOC	40500				17200		6330		1330	U	291	U	346	U	2880		1290	U
PCB-104	56558-16-8	ppt-TOC	916						665	U	1330	U	291	U	346	U	755	U	1290	U
PCB-105	32598-14-4	ppt-TOC	1860000				880000		349000		3190		168		346	U	65500		1950	
PCB-106/118	PCB-106/118	ppt-TOC	4000000				2230000		948000		8330		327		143		169000		4640	
PCB-107/109	70424-68-9/7447	ppt-TOC	259000				141000		56700		1330	U	291	U	346	U	14000		1290	U
PCB-108/112	70362-41-3/7447	ppt-TOC	282000				139000		42500		1330	U	291	U	346	U	10900		1290	U
PCB-11	2050-67-1	ppt-TOC	634000				470000		221000		4750		968		692	U	52400		2580	U
PCB-110	38380-03-9	ppt-TOC	5700000				3530000		1220000		10600		414		346	U	218000		5150	
PCB-111/115	PCB-111/115	ppt-TOC	201000				68200		17500		1330	U	291	U	346	U	3300		1290	U
PCB-113	68194-10-5	ppt-TOC	948	U					665	U	1330	U	291	U	346	U	755	U	1290	U
PCB-114	74472-37-0	ppt-TOC	133000				55200		19700		1330	U	291	U	346	U	4210		1290	U
PCB-119	56558-17-9	ppt-TOC	102000				47200		17300		1330	U	291	U	346	U	6060		1290	U
PCB-12/13	PCB-12/13	ppt-TOC	140000				47000		38300		2650	U	582	U	692	U	26700		2580	U
PCB-120	68194-12-7	ppt-TOC	2700						1600		1330	U	291	U	346	U	755	U	1290	U
PCB-121	56558-18-0	ppt-TOC	948	U					665	U	1330	U	291	U	346	U	755	U	1290	U
PCB-122	76842-07-4	ppt-TOC	67500				28200		10200		1330	U	291	U	346	U	2470		1290	U
PCB-123	65510-44-3	ppt-TOC	69100				36700		14100		284		291	U	346	U	3820		1290	U
PCB-124	70424-70-3	ppt-TOC	159000				85100		36500		1330	U	291	U	346	U	7270		1290	U
PCB-126	57465-28-8	ppt-TOC	16900				9080		3440		1330	U	291	U	346	U	1200		1290	U
PCB-127	39635-33-1	ppt-TOC	948	U					665	U	1330	U	291	U	346	U	755	U	1290	U
PCB-128/162	PCB-128/162	ppt-TOC	468000				390000		175000		1390		291	U	346	U	23100		1290	U
PCB-129	55215-18-4	ppt-TOC	132000				123000		52400		1330	U	291	U	346	U	5330		1290	U
PCB-130	52663-66-8	ppt-TOC	125000				156000		63200		1330	U	291	U	346	U	10400		1290	U
PCB-131	61798-70-7	ppt-TOC	366						665	U	1330	U	291	U	346	U	755	U	1290	U
PCB-132/161	38380-05-1/7447	ppt-TOC	807000				722000		305000		2480		291	U	346	U	39400		1290	U
PCB-133/142	PCB-133/142	ppt-TOC	82700				64900		28100		1330	U	291	U	346	U	4450		1290	U
PCB-134/143	PCB-134/143	ppt-TOC	155000				125000		53000		1330	U	291	U	346	U	8240		1290	U
PCB-135	52744-13-5	ppt-TOC	373000				335000		120000		1330	U	291	U	346	U	20900		1290	U
PCB-136	38411-22-2	ppt-TOC	350000				351000		130000		1330	U	291	U	346	U	19200		1290	U
PCB-137	35694-06-5	ppt-TOC	178000				129000		63000		2630		291	U	346	U	6670		1290	U
PCB-138/163/164	35065-28-2/7447	ppt-TOC	2550000				2560000		1110000		9140		330		346	U	156000		3910	
PCB-139/149	PCB-139/149	ppt-TOC	1950000				2160000		814000		6830		341		346	U	133000		3090	
PCB-14	34883-41-5	ppt-TOC	1890	U					10700		2650	U	582	U	692	U	1510	U	2580	U
PCB-140	59291-64-4	ppt-TOC	8550				12100		6290		1330	U	291	U	346	U	1070		1290	U
PCB-141	52712-04-6	ppt-TOC	520000				517000		213000		2710		291	U	346	U	25600		1290	U
PCB-144	68194-14-9	ppt-TOC	106000				124000		50300		1330	U	291	U	346	U	7520		1290	U
PCB-145	74472-40-5	ppt-TOC	1170				931		665	U	1330	U	291	U	346	U	755	U	1290	U
PCB-146/165	51908-16-8/7447	ppt-TOC	350000				316000		129000		1780		291	U	346	U	23700		1290	U
PCB-147	68194-13-8	ppt-TOC	53400				51800		22200		1330	U	291	U	346	U	5180		1290	U
PCB-148	74472-41-6	ppt-TOC	2890				5250		2620		1330	U	291	U	346	U	755	U	1290	U
PCB-15	2050-68-2	ppt-TOC	870000				261000		27800		6250		1250		692	U	179000		11000	
PCB-150	68194-08-1	ppt-TOC	9800				8140		3810		1330	U	291	U	346	U	755	U	1290	U
PCB-151	52663-63-5	ppt-TOC	550000				569000		211000		2160		291	U	346	U	36400		1290	U
PCB-152	68194-09-2	ppt-TOC	2930				2290		760	U	1330	U	291	U	346	U	755	U	1290	U
PCB-153	35065-27-1	ppt-TOC	2340000				2400000		1040000		9080		320		346	U	154000		3910	
PCB-154	60145-22-4	ppt-TOC	32500				24600		14700		1330	U	291	U	346	U	3730		1290	U
PCB-155	33979-03-2	ppt-TOC	26800						665	U	1330	U	291	U	346	U	852		1290	U
PCB-156	38380-08-4	ppt-TOC	277000				247000		111000		898		291	U	346	U	13300		1290	U
PCB-157	69782-90-7	ppt-TOC	55900				53800		24800		292		291	U	346	U	3300		1290	U
PCB-158/160	74472-42-7/4141	ppt-TOC	286000				299000		130000		1330	U	291	U	346	U	15300		1290	U
PCB-159	39635-35-3	ppt-TOC	21600				27800		12900		1330	U	291	U	346	U	1990		1290	U
PCB-16/32	PCB-16/32	ppt-TOC	2860000				842000		66700		4760		291	U	346	U	64200		1940	
PCB-166	41411-63-6	ppt-TOC	10700				9830		4750		1330	U	291	U	346	U	755	U	1290	U
PCB-167	52663-72-6	ppt-TOC	107000				91600		41000		486		291	U	346	U	6060		1290	U
PCB-168	59291-65-5	ppt-TOC	1860		2700				1870		1330	U	291	U	346	U	755	U	1290	U
PCB-169	32774-16-6	ppt-TOC	948	U					665	U	456		91.4		56.3		755	U	1290	U
PCB-17	37680-66-3	ppt-TOC	1650000				535000		45700		2620		291	U	346	U	47000		1480	
PCB-170	35065-30-6	ppt-TOC	555000				595000		248000		2160		291	U	346	U	40000		1290	U
PCB-171	52663-71-5	ppt-TOC	154000				163000		73800		1330	U	291	U	346	U	11200		1290	U

Table B-6
TOC-Normalized Congener PCBs

			Location ID	NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED013		NB01SED013		NB01SED013		NB01SED014		NB01SED014	
			Sample Name	NB01SED012A-05		NB01SED012A-06		NB01SED012A-06		NB01SED012A-07		NB01SED013C-02		NB01SED013C-03		NB01SED013C-04		NB01SED014A-01		NB01SED014A-02	
			Date Collected	11/1/2005		11/1/2005		11/1/2005		11/1/2005		10/31/2005		10/31/2005		10/31/2005		11/8/2005		11/8/2005	
			Depth	3.5-5.0		5.0-6.5		5.0-6.5		6.5-8.0		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
PCB-172	52663-74-8	ppt-TOC	92700				99200		42700		1330	U	291	U	346	U	7030		1290	U	
PCB-173	68194-16-1	ppt-TOC	12800				13700		5870		1330	U	291	U	346	U	803		1290	U	
PCB-174	38411-25-5	ppt-TOC	593000				731000		322000		2670		291	U	346	U	39700		1290	U	
PCB-175	40186-70-7	ppt-TOC	38900				34000		13600		1330	U	291	U	346	U	2690		1290	U	
PCB-176	52663-65-7	ppt-TOC	83000				105000		43300		1330	U	291	U	346	U	6670		1290	U	
PCB-177	52663-70-4	ppt-TOC	343000				383000		171000		1550		291	U	346	U	29200		1290	U	
PCB-178	52663-67-9	ppt-TOC	128000				158000		63300		1330	U	291	U	346	U	11600		1290	U	
PCB-179	52663-64-6	ppt-TOC	327000				390000		158000		1570		291	U	346	U	25900		1290	U	
PCB-18	37680-65-2	ppt-TOC	5020000				1400000		112000		6410		291	U	346	U	84200		2830		
PCB-180	35065-29-3	ppt-TOC	1490000				1690000		760000		7380		291	U	346	U	106000		2790		
PCB-181	74472-47-2	ppt-TOC	8110				3920		1830		1330	U	291	U	346	U	755	U	1290	U	
PCB-182/187	PCB-182/187	ppt-TOC	864000				1120000		460000		6330		382		346	U	79100		1880		
PCB-183	52663-69-1	ppt-TOC	359000				490000		211000		2050		291	U	346	U	32100		1290	U	
PCB-184	74472-48-3	ppt-TOC	1350						381		1330	U	291	U	346	U	755	U	1290	U	
PCB-185	52712-05-7	ppt-TOC	73600				88800		40300		1330	U	291	U	346	U	4640		1290	U	
PCB-186	74472-49-4	ppt-TOC	948	U					665	U	1330	U	291	U	346	U	755	U	1290	U	
PCB-188	74487-85-7	ppt-TOC	3020				1270		849		1330	U	291	U	346	U	755	U	1290	U	
PCB-189	39635-31-9	ppt-TOC	20200				21100		8620		1330	U	291	U	346	U	1860		1290	U	
PCB-19	38444-73-4	ppt-TOC	366000				107000		8980		1330	U	291	U	346	U	7880		1290	U	
PCB-190	41411-64-7	ppt-TOC	110000				125000		53700		1330	U	291	U	346	U	8420		1290	U	
PCB-191	74472-50-7	ppt-TOC	21700				23300		11000		1330	U	291	U	346	U	1940		1290	U	
PCB-192	74472-51-8	ppt-TOC	1920						665	U	1330	U	291	U	346	U	755	U	1290	U	
PCB-193	69782-91-8	ppt-TOC	61400				72600		31900		1330	U	291	U	346	U	5240		1290	U	
PCB-194	35694-08-7	ppt-TOC	380000				434000		195000		3190		291	U	346	U	28400		1290	U	
PCB-195	52663-78-2	ppt-TOC	162000				191000		81000		1330	U	291	U	346	U	10500		1290	U	
PCB-196/203	PCB-196/203	ppt-TOC	368000				511000		270000		6620		532		376		38200		1460		
PCB-197	33091-17-7	ppt-TOC	14600				17300		7600		1330	U	291	U	346	U	1640		1290	U	
PCB-198	68194-17-2	ppt-TOC	26400				24600		13300		1330	U	291	U	346	U	1860		1290	U	
PCB-199	52663-75-9	ppt-TOC	389000				563000		287000		8080		729		700		39100		1290	U	
PCB-2	2051-61-8	ppt-TOC	20500				12600		6380		1330	U	836		683		3450		1290	U	
PCB-20/21/33	38444-84-7/5570	ppt-TOC	4770000				1020000		78600		3380		291	U	346	U	36400		1500		
PCB-200	52663-73-7	ppt-TOC	52300				66200		27800		1330	U	291	U	346	U	3640		1290	U	
PCB-201	40186-71-8	ppt-TOC	59100				72500		33200		1330	U	291	U	346	U	5670		1290	U	
PCB-202	2136-99-4	ppt-TOC	102000				130000		85200		3140		475		349		13200		1290	U	
PCB-204	74472-52-9	ppt-TOC	380						665	U	1330	U	291	U	346	U	755	U	1290	U	
PCB-205	74472-53-0	ppt-TOC	13100				16600		8160		1330	U	291	U	346	U	1360		1290	U	
PCB-206	40186-72-9	ppt-TOC	268000				498000		287000		9300		1130		525		39700		1730		
PCB-207	52663-79-3	ppt-TOC	24800				28800		21000		1480		291	U	346	U	3850		1290	U	
PCB-208	52663-77-1	ppt-TOC	73000				116000		108000		3780		636		346	U	14600		1290	U	
PCB-209	2051-24-3	ppt-TOC	320000				873000		371000		13100		5750		346	U	39400		3010		
PCB-22	38444-85-8	ppt-TOC	2950000				633000		46800		3050		291	U	346	U	38500		1440		
PCB-23	55720-44-0	ppt-TOC	3950				3140		2210		1330	U	291	U	346	U	755	U	1290	U	
PCB-24/27	PCB-24/27	ppt-TOC	280000				87800		10300		1330	U	291	U	346	U	12600		1290	U	
PCB-25	55712-37-3	ppt-TOC	582000				118000		11100		1330	U	291	U	346	U	28300		1290	U	
PCB-26	38444-81-4	ppt-TOC	1400000				232000		20800		1750		291	U	346	U	39700		1820		
PCB-28	7012-37-5	ppt-TOC	5410000				1230000		136000		11300		529		346	U	221000		6320		
PCB-29	15862-07-4	ppt-TOC	17700				4450		1080		1330	U	291	U	346	U	755	U	1290	U	
PCB-3	2051-62-9	ppt-TOC	92300				46400		10500		1450		1220		346	U	9000		1410		
PCB-30	35693-92-6	ppt-TOC	2610						665	U	1330	U	291	U	346	U	755	U	1290	U	
PCB-31	16606-02-3	ppt-TOC	12200000				2660000		136000		9730		511		346	U	150000		6840		
PCB-34	37680-68-5	ppt-TOC	42500				8080		1330		1330	U	291	U	346	U	958		1290	U	
PCB-35	37680-69-6	ppt-TOC	67300				77400		25600		1330	U	291	U	346	U	6940		1290	U	
PCB-36	38444-87-0	ppt-TOC	1670						910		1330	U	291	U	346	U	755	U	1290	U	
PCB-37	38444-90-5	ppt-TOC	1220000				346000		34400		3540		291	U	346	U	81800		2400		
PCB-38	53555-66-1	ppt-TOC	45200				8040		665	U	1330	U	291	U	346	U	2070		1290	U	
PCB-39	38444-88-1	ppt-TOC	2820				1320		2060		1330	U	291	U	346	U	900		1290	U	
PCB-4/10	PCB-4/10	ppt-TOC	570000				146000		15900		1280	U	179	U	208	U	30600		2580	U	
PCB-40	38444-93-8	ppt-TOC	1660000				306000		27300		1330	U	291	U	346	U	26600		1290	U	
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	6480000				1480000		178000						351		133000		3070		
PCB-42/59	36559-22-5/7447	ppt-TOC	2480000				613000		58400		4000		291	U	346	U	56100		1290	U	
PCB-43/49	PCB-43/49	ppt-TOC	6110000				1700000		263000		10200		404		346	U	140000		3660		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED013		NB01SED013		NB01SED013		NB01SED014		NB01SED014					
		Sample Name	NB01SED012A-05		NB01SED012A-06		NB01SED012A-06		NB01SED012A-07		NB01SED013C-02		NB01SED013C-03		NB01SED013C-04		NB01SED014A-01		NB01SED014A-02					
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/1/2005		10/31/2005		10/31/2005		10/31/2005		11/8/2005		11/8/2005					
		Depth	3.5-5.0		5.0-6.5		5.0-6.5		6.5-8.0		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-44	41464-39-5	ppt-TOC	8340000				2240000		381000		11600		536		438		138000		3710					
PCB-45	70362-45-7	ppt-TOC	1280000				321000		25100		1730		291	U	346	U	17400		1290	U				
PCB-46	41464-47-5	ppt-TOC	561000				142000		11600		1330	U	291	U	346	U	7420		1290	U				
PCB-47	2437-79-8	ppt-TOC	2680000				654000		70200		5050		291	U	346	U	67300		2250					
PCB-48/75	70362-47-9/3259	ppt-TOC	1090000				350000		34300		2460		291	U	346	U	25700		1290	U				
PCB-5/8	PCB-5/8	ppt-TOC	1550000				397000		52900		1860	U	270	U	208	U	64500		2580	U				
PCB-50	62796-65-0	ppt-TOC	20000				8140		2160		1330	U	291	U	346	U	755	U	1290	U				
PCB-51	68194-04-7	ppt-TOC	355000				89400		7700		1330	U	291	U	346	U	9030		1290	U				
PCB-52/69	35693-99-3/6023	ppt-TOC	8160000				2990000		719000		22900		846		394		173000		15200					
PCB-53	41464-41-9	ppt-TOC	1210000				325000		34300		1780		291	U	346	U	20400		1290	U				
PCB-54	15968-05-5	ppt-TOC	14700				3740		665	U	1330	U	291	U	346	U	755	U	1290	U				
PCB-55	74338-24-2	ppt-TOC	81800				23800		4760		1330	U	291	U	346	U	1980		1290	U				
PCB-56/60	PCB-56/60	ppt-TOC	4320000				1180000		131000		6350		306		346	U	83000		2520					
PCB-57	70424-67-8	ppt-TOC	26800				6870		1200		1330	U	291	U	346	U	1190		1290	U				
PCB-58	41464-49-7	ppt-TOC	9230				2980		673		1330	U	291	U	346	U	755	U	1290	U				
PCB-6	25569-80-6	ppt-TOC	284000				57200		13400		2650	U	582	U	692	U	21500		2580	U				
PCB-61/70	PCB-61/70	ppt-TOC	7930000				2370000		519000		11000		507		346	U	143000		4090					
PCB-62	54230-22-7	ppt-TOC	948	U					665	U	1330	U	291	U	346	U	755	U	1290	U				
PCB-63	74472-34-7	ppt-TOC	248000				62200		9060		1330	U	291	U	346	U	6120		1290	U				
PCB-65	33284-54-7	ppt-TOC	948	U					665	U	1330	U	291	U	346	U	755	U	1290	U				
PCB-67	73575-53-8	ppt-TOC	155000				37700		4370		1330	U	291	U	346	U	5300		1290	U				
PCB-68	73575-52-7	ppt-TOC	10100				3460		1060		1330	U	291	U	346	U	1900		1290	U				
PCB-7/9	PCB-7/9	ppt-TOC	127000				33400		10500		2650	U	582	U	692	U	4450		2580	U				
PCB-73	74338-23-1	ppt-TOC	948	U					665	U	1330	U	291	U	346	U	755	U	1290	U				
PCB-74	32690-93-0	ppt-TOC	3340000				912000		143000		4890		291	U	346	U	67000		1760					
PCB-76/66	PCB-76/66	ppt-TOC	6200000				1730000		244000		10500		454		346	U	154000		4240					
PCB-77	32598-13-3	ppt-TOC	523000				281000		63500		1460		190		72.9		23100		1540					
PCB-78	70362-49-1	ppt-TOC	14500						665	U	1330	U	291	U	346	U	755	U	1290	U				
PCB-79	41464-48-6	ppt-TOC	48200				23600		11300		1330	U	291	U	346	U	1940		1290	U				
PCB-80	33284-52-5	ppt-TOC	948	U					665	U	1330	U	291	U	346	U	755	U	1290	U				
PCB-81	70362-50-4	ppt-TOC	93000				12800		3760		1330	U	291	U	346	U	758		1290	U				
PCB-82	52663-62-4	ppt-TOC	645000				301000		102000		1330	U	291	U	346	U	22900		1290	U				
PCB-83	60145-20-2	ppt-TOC	1530						665	U	1330	U	291	U	346	U	755	U	1290	U				
PCB-84/92	52663-60-2/5266	ppt-TOC	2410000				1250000		421000		4210		291	U	346	U	79100		2110					
PCB-85/116	PCB-85/116	ppt-TOC	959000				492000		159000		2170		291	U	346	U	35800		1290	U				
PCB-86	55312-69-1	ppt-TOC	103000				18300		3220		1330	U	291	U	346	U	1020		1290	U				
PCB-87/117/125	38380-02-8/6819	ppt-TOC	2120000				1300000		430000		3590		291	U	346	U	65500		1820					
PCB-88/91	PCB-88/91	ppt-TOC	934000				384000		132000		1670		291	U	346	U	33900		1290	U				
PCB-89	73575-57-2	ppt-TOC	114000				37600		8050		1330	U	291	U	346	U	3090		1290	U				
PCB-90/101	PCB-90/101	ppt-TOC	4800000				2910000		1090000		11700		496		346	U	193000		5740					
PCB-93	73575-56-1	ppt-TOC	948	U					665	U	1330	U	291	U	346	U	755	U	1290	U				
PCB-94	73575-55-0	ppt-TOC	38600				11700		3110		1330	U	291	U	346	U	1750		1290	U				
PCB-95/98/102	38379-99-6/6023	ppt-TOC	3840000				2160000		795000		7810		375		346	U	143000		3750					
PCB-96	73575-54-9	ppt-TOC	65500				15400		3730		1330	U	291	U	346	U	1930		1290	U				
PCB-97	41464-51-1	ppt-TOC	1900000				1010000		319000		3440		291	U	346	U	62400		1700					
PCB-99	38380-01-7	ppt-TOC	2550000				1330000		471000		4670		291	U	346	U	102000		2770					
Total PCB Congeners (209)	No CAS	ppt-TOC	160000000				68900000		20300000		327000		21600		4080		5150000		133000					
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	110000000				53100000		17300000		290000		22900		3130		3880000		127000					

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED014		NB01SED014		NB01SED015		NB01SED015		NB01SED015		NB01SED015		NB01SED016		NB01SED016		NB01SED016				
		Sample Name	NB01SED014A-03		NB01SED014A-04		NB01SED015A-01		NB01SED015A-02		NB01SED015A-03		NB01SED015A-04		NB01SED016C-01		NB01SED016C-02		NB01SED016C-03				
		Date Collected	11/8/2005		11/8/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/13/2005		11/13/2005		11/13/2005				
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-1	2051-60-7	ppt-TOC	264	U	946	U	36200		172000		89000		16900		136000		80000		71100				
PCB-100	39485-83-1	ppt-TOC	264	U	946	U	9350		43900		24000		5230		11400		12000		13400				
PCB-103	60145-21-3	ppt-TOC	264	U	946	U	16500		93100		50000		10100		12500		16300		19300				
PCB-104	56558-16-8	ppt-TOC	264	U	946	U	330		1250		938				727		805		2230	U			
PCB-105	32598-14-4	ppt-TOC	95.7		67.2		565000		2860000		1960000		455000		241000		274000		307000				
PCB-106/118	PCB-106/118	ppt-TOC	244		125		1320000		7440000		4870000		1160000		733000		767000		956000				
PCB-107/109	70424-68-9/7447	ppt-TOC	264	U	946	U	105000		558000		354000		83500		59100		67600		83300				
PCB-108/112	70362-41-3/7447	ppt-TOC	264	U	946	U	86900		509000		331000		64800		39300		53800		63300				
PCB-11	2050-67-1	ppt-TOC	797	U	1880	U	738000		3170000		1680000		332000		259000		464000		507000				
PCB-110	38380-03-9	ppt-TOC	325		946	U	1780000		9750000		6820000		1560000		867000		1070000		1290000				
PCB-111/115	PCB-111/115	ppt-TOC	264	U	946	U	32100		185000		127000		30000		12800		16200		19100				
PCB-113	68194-10-5	ppt-TOC	264	U	946	U	1640	U	2570	U	1070	U			2780	U	3900		3750				
PCB-114	74472-37-0	ppt-TOC	264	U	946	U	39200		199000		138000		27000		14600		16400		18300				
PCB-119	56558-17-9	ppt-TOC	264	U	946	U	36000		227000		127000		25800		25900		34100		43600				
PCB-12/13	PCB-12/13	ppt-TOC	529	U	1880	U	212000		1090000		326000		71600		180000		258000		246000				
PCB-120	68194-12-7	ppt-TOC	264	U	946	U	1420		6050		14600				1090		4310		5610				
PCB-121	56558-18-0	ppt-TOC	264	U	946	U	1640	U	2570	U	1070	U			2780	U	1960	U	2230	U			
PCB-122	76842-07-4	ppt-TOC	264	U	946	U	21900		124000		79700		14800		9870		11600		11500				
PCB-123	65510-44-3	ppt-TOC	264	U	946	U	27700		133000		94600		20400		12300		15200		17800				
PCB-124	70424-70-3	ppt-TOC	264	U	946	U	60800		299000		184000		47100		25300		25800		32800				
PCB-126	57465-28-8	ppt-TOC	264	U	946	U	7650		36200		21000		5870		4570		5100		5720				
PCB-127	39635-33-1	ppt-TOC	264	U	946	U	1640	U	2570	U	1070	U			2780	U	1960	U	2230	U			
PCB-128/162	PCB-128/162	ppt-TOC	264	U	946	U	189000		1000000		687000		207000		107000		97600		112000				
PCB-129	55215-18-4	ppt-TOC	264	U	946	U	49600		230000		201000		59000		20700		21400		27000				
PCB-130	52663-66-8	ppt-TOC	264	U	946	U	71900		371000		300000		91300		40700		45200		54900				
PCB-131	61798-70-7	ppt-TOC	264	U	946	U	488		1430		1070	U			2780	U	1960	U	2230	U			
PCB-132/161	38380-05-1/7447	ppt-TOC	264	U	946	U	344000		1780000		1260000		368000		162000		185000		214000				
PCB-133/142	PCB-133/142	ppt-TOC	264	U	946	U	37100		198000		136000		36500		20800		21300		24800				
PCB-134/143	PCB-134/143	ppt-TOC	264	U	946	U	65400		354000		240000		74200		33700		37300		44000				
PCB-135	52744-13-5	ppt-TOC	264	U	946	U	159000		819000		562000		146000		106000		94800		126000				
PCB-136	38411-22-2	ppt-TOC	264	U	946	U	153000		800000		595000		156000		94000		97600		123000				
PCB-137	35694-06-5	ppt-TOC	264	U	946	U	54200		288000		209000		63200		25300		27600		33000				
PCB-138/163/164	35065-28-2/7447	ppt-TOC	264	U	946	U	1180000		6010000		4560000		1350000		627000		686000		817000				
PCB-139/149	PCB-139/149	ppt-TOC	264	U	946	U	923000		4680000		3560000		935000		616000		600000		789000				
PCB-14	34883-41-5	ppt-TOC	529	U	1880	U	3280	U	5140	U					5550	U	3910	U	4470	U			
PCB-140	59291-64-4	ppt-TOC	264	U	946	U	5690		26800		24900		6290		5390		4760		6390				
PCB-141	52712-04-6	ppt-TOC	264	U	946	U	222000		1040000		810000		237000		85300		101000		119000				
PCB-144	68194-14-9	ppt-TOC	264	U	946	U	52300		304000		229000		54500		32800		32000		37400				
PCB-145	74472-40-5	ppt-TOC	264	U	946	U	554		2460		1920		455		2780	U	1960	U	2230	U			
PCB-146/165	51908-16-8/7447	ppt-TOC	264	U	946	U	169000		875000		605000		172000		109000		113000		134000				
PCB-147	68194-13-8	ppt-TOC	264	U	946	U	25400		128000		103000		26000		26900		22600		27100				
PCB-148	74472-41-6	ppt-TOC	264	U	946	U	1510		6940		7850		1910		2660		2390		2360				
PCB-15	2050-68-2	ppt-TOC	529	U	1880	U	1090000		5110000		1580000		245000		1110000		1190000		1120000				
PCB-150	68194-08-1	ppt-TOC	264	U	946	U	2500		16900		19700		2570		3380		2900		3340				
PCB-151	52663-63-5	ppt-TOC	264	U	946	U	272000		1390000		931000		242000		175000		160000		207000				
PCB-152	68194-09-2	ppt-TOC	264	U	946	U	1330		6250		4230		1060		973		1070		1310				
PCB-153	35065-27-1	ppt-TOC	264	U	946	U	1120000		5880000		3970000		1210000		661000		676000		811000				
PCB-154	60145-22-4	ppt-TOC	264	U	946	U	14500		88100		97200		11500		22400		18600		22600				
PCB-155	33979-03-2	ppt-TOC	264	U	946	U	4770		6030		9310				3000		6710		8280				
PCB-156	38380-08-4	ppt-TOC	264	U	946	U	111000		571000		433000		128000		59900		57100		68300				
PCB-157	69782-90-7	ppt-TOC	264	U	946	U	21800		124000		93100		30000		14500		13600		15700				
PCB-158/160	74472-42-7/4141	ppt-TOC	264	U	946	U	130000		663000		533000		159000		59300		68100		81700				
PCB-159	39635-35-3	ppt-TOC	264	U	946	U	12400		63100		41300		12700		8870		8140		10400				
PCB-16/32	PCB-16/32	ppt-TOC	264	U	946	U	1310000		7310000		3560000		513000		516000		614000		578000				
PCB-166	41411-63-6	ppt-TOC	264	U	946	U	4770		21600		17900		5190		2510		2500		2750				
PCB-167	52663-72-6	ppt-TOC	264	U	946	U	46200		244000		169000		49700		26300		25900		31500				
PCB-168	59291-65-5	ppt-TOC	264	U	946	U	1200		4530		8380		3120		1290		1290		2200				
PCB-169	32774-16-6	ppt-TOC	264	U	39.5		1640	U	2570	U	1070	U			2780	U	1960	U	2230	U			
PCB-17	37680-66-3	ppt-TOC	264	U	946	U	888000		4930000		2450000		348000		397000		469000		452000				
PCB-170	35065-30-6	ppt-TOC	264	U	946	U	264000		1340000		900000		259000		153000		159000		188000				
PCB-171	52663-71-5	ppt-TOC	264	U	946	U	75800		421000		264000		76500		48500		46500		54600				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED014		NB01SED014		NB01SED015		NB01SED015		NB01SED015		NB01SED015		NB01SED016		NB01SED016		NB01SED016				
		Sample Name	NB01SED014A-03		NB01SED014A-04		NB01SED015A-01		NB01SED015A-02		NB01SED015A-03		NB01SED015A-04		NB01SED016C-01		NB01SED016C-02		NB01SED016C-03				
		Date Collected	11/8/2005		11/8/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/13/2005		11/13/2005		11/13/2005				
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-172	52663-74-8	ppt-TOC	264	U	946	U	46200		237000		156000		42600		28700		27700		33300				
PCB-173	68194-16-1	ppt-TOC	264	U	946	U	5000		30100		21800		5840		3670		3520		4480				
PCB-174	38411-25-5	ppt-TOC	264	U	946	U	265000		1380000		944000		275000		159000		164000		193000				
PCB-175	40186-70-7	ppt-TOC	264	U	946	U	16000		86300		54600		15200		9870		9520		12000				
PCB-176	52663-65-7	ppt-TOC	264	U	946	U	43100		219000		152000		44800		25700		26300		34000				
PCB-177	52663-70-4	ppt-TOC	264	U	946	U	188000		988000		605000		177000		131000		120000		138000				
PCB-178	52663-67-9	ppt-TOC	264	U	946	U	69200		341000		235000		66100		53000		43800		57800				
PCB-179	52663-64-6	ppt-TOC	264	U	946	U	165000		844000		551000		160000		105000		99500		126000				
PCB-18	37680-65-2	ppt-TOC	291		946	U	1830000		11100000		6130000		865000		654000		800000		794000				
PCB-180	35065-29-3	ppt-TOC	264	U	946	U	704000		3570000		2370000		690000		452000		404000		498000				
PCB-181	74472-47-2	ppt-TOC	264	U	946	U	1700		14600		5740		2440		1430		1540		1240				
PCB-182/187	PCB-182/187	ppt-TOC	264	U	946	U	465000		2280000		1560000		445000		346000		291000		373000				
PCB-183	52663-69-1	ppt-TOC	264	U	946	U	187000		931000		710000		199000		119000		119000		151000				
PCB-184	74472-48-3	ppt-TOC	264	U	946	U	1230		6310		2290				1180		1180		1230				
PCB-185	52712-05-7	ppt-TOC	264	U	946	U	32500		177000		118000		35200		19000		18400		22200				
PCB-186	74472-49-4	ppt-TOC	264	U	946	U	1640	U	2570	U	1070	U			2780	U	1960	U	2230	U			
PCB-188	74487-85-7	ppt-TOC	264	U	946	U	819		6040		15300				1360		1450		1230				
PCB-189	39635-31-9	ppt-TOC	264	U	946	U	9810		47500		31800		9710		6210		6380		8000				
PCB-19	38444-73-4	ppt-TOC	264	U	946	U	185000		888000		372000		58100		68700		95700		76700				
PCB-190	41411-64-7	ppt-TOC	264	U	946	U	53800		264000		188000		55800		32300		32900		41600				
PCB-191	74472-50-7	ppt-TOC	264	U	946	U	10000		59100		38500		10400		6220		6710		8060				
PCB-192	74472-51-8	ppt-TOC	264	U	946	U	1640	U	1340		1070	U			2780	U	1960	U	2230	U			
PCB-193	69782-91-8	ppt-TOC	264	U	946	U	31800		166000		112000		31200		22500		19900		24500				
PCB-194	35694-08-7	ppt-TOC	264	U	946	U	182000		863000		546000		165000		129000		117000		133000				
PCB-195	52663-78-2	ppt-TOC	264	U	946	U	73100		368000		244000		62600		43100		46500		50100				
PCB-196/203	PCB-196/203	ppt-TOC	264	U	946	U	202000		875000		682000		227000		174000		128000		189000				
PCB-197	33091-17-7	ppt-TOC	264	U	946	U	7420		37800		22800		6870		6550		5050		6060				
PCB-198	68194-17-2	ppt-TOC	264	U	946	U	9620		62300		31300		10800		8730		6760		9000				
PCB-199	52663-75-9	ppt-TOC	264	U	946	U	203000		881000		646000		214000		171000		135000		189000				
PCB-2	2051-61-8	ppt-TOC	1210		1090		17300		65600		22400		7650		31600		21400		23900				
PCB-20/21/33	38444-84-7/5570	ppt-TOC	264	U	946	U	1090000		5910000		4440000		352000		237000		375000		376000				
PCB-200	52663-73-7	ppt-TOC	264	U	946	U	20900		107000		71500		21300		17000		12400		16400				
PCB-201	40186-71-8	ppt-TOC	264	U	946	U	30400		159000		93600		30000		31500		21300		25800				
PCB-202	2136-99-4	ppt-TOC	264	U	946	U	58100		294000		177000		64200		74000		52900		61700				
PCB-204	74472-52-9	ppt-TOC	264	U	946	U	1640	U	1130		1070	U			2780	U	1960	U	2230	U			
PCB-205	74472-53-0	ppt-TOC	264	U	946	U	6960		33700		24500		7680		4650		5100		6000				
PCB-206	40186-72-9	ppt-TOC	264	U	946	U	136000		656000		415000		155000		171000		140000		191000				
PCB-207	52663-79-3	ppt-TOC	264	U	946	U	12000		57100		39000		13500		15200		13100		16100				
PCB-208	52663-77-1	ppt-TOC	264	U	946	U	43800		183000		119000		47100		62700		49500		66100				
PCB-209	2051-24-3	ppt-TOC	264	U	946	U	128000		700000		556000		191000		145000		120000		150000				
PCB-22	38444-85-8	ppt-TOC	264	U	946	U	900000		5380000		3310000		301000		240000		385000		382000				
PCB-23	55720-44-0	ppt-TOC	264	U	946	U	3080		14400		7460				2780	U	1320		950				
PCB-24/27	PCB-24/27	ppt-TOC	264	U	946	U	208000		1030000		405000		59400		113000		122000		108000				
PCB-25	55712-37-3	ppt-TOC	264	U	946	U	408000		1940000		785000		80600		209000		265000		242000				
PCB-26	38444-81-4	ppt-TOC	264	U	946	U	669000		3340000		1230000		132000		311000		376000		331000				
PCB-28	7012-37-5	ppt-TOC	431		946	U	3400000		20900000		9920000		1140000		1350000		1800000		1820000				
PCB-29	15862-07-4	ppt-TOC	264	U	946	U	10500		51700		27400		2150		2020		3410		3220				
PCB-3	2051-62-9	ppt-TOC	267		946	U	46500		195000		84900		17700		82700		51400		56100				
PCB-30	35693-92-6	ppt-TOC	264	U	946	U	1910		8690		1070	U			2780	U	1960	U	2230	U			
PCB-31	16606-02-3	ppt-TOC	368		946	U	2730000		17700000		8900000		877000		947000		1380000		1280000				
PCB-34	37680-68-5	ppt-TOC	264	U	946	U	15700		98800		45600		5260		7530		11100		10700				
PCB-35	37680-69-6	ppt-TOC	264	U	946	U	66900		339000		184000		43200		50800		44500		71100				
PCB-36	38444-87-0	ppt-TOC	264	U	946	U	1800		6380		2250		929		2690		2280		2540				
PCB-37	38444-90-5	ppt-TOC	264	U	946	U	819000		4010000		1790000		233000		491000		495000		543000				
PCB-38	53555-66-1	ppt-TOC	264	U	946	U	18000		118000		35100		6290		16600		11100		13600				
PCB-39	38444-88-1	ppt-TOC	264	U	946	U	4650		22300		11500	U	1780		5670		5430		6610				
PCB-4/10	PCB-4/10	ppt-TOC	529	U	1880	U	431000		1830000		623000		72300		235000		278000		229000				
PCB-40	38444-93-8	ppt-TOC	264	U	946	U	415000		2430000		1450000		172000		158000		100000		119000				
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	277		946	U	2360000		11400000		6460000		952000		700000		786000		939000				
PCB-42/59	36559-22-5/7447	ppt-TOC	264	U	946	U	958000		4850000		2770000		397000		297000		370000		437000				
PCB-43/49	PCB-43/49	ppt-TOC	264	U	946	U	2140000		11400000		6670000		1010000		840000		933000		1150000				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED014		NB01SED014		NB01SED015		NB01SED015		NB01SED015		NB01SED015		NB01SED016		NB01SED016		NB01SED016				
		Sample Name	NB01SED014A-03		NB01SED014A-04		NB01SED015A-01		NB01SED015A-02		NB01SED015A-03		NB01SED015A-04		NB01SED016C-01		NB01SED016C-02		NB01SED016C-03				
		Date Collected	11/8/2005		11/8/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/13/2005		11/13/2005		11/13/2005				
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-44	41464-39-5	ppt-TOC	344		946	U	2650000		14000000		8790000		1310000		707000		867000		1050000				
PCB-45	70362-45-7	ppt-TOC	264	U	946	U	380000		2190000		1330000		182000		81300		141000		147000				
PCB-46	41464-47-5	ppt-TOC	264	U	946	U	150000		819000		544000		75500		36200		60000		59400				
PCB-47	2437-79-8	ppt-TOC	267		946	U	831000		4710000		2670000		365000		448000		421000		508000				
PCB-48/75	70362-47-9/3259	ppt-TOC	264	U	946	U	592000		2480000		1620000		237000		127000		193000		232000				
PCB-5/8	PCB-5/8	ppt-TOC	529	U	1880	U	673000		3050000		1590000		168000		444000		519000		458000				
PCB-50	62796-65-0	ppt-TOC	264	U	946	U	6850		41600		22200		3350		2450		3460		3940				
PCB-51	68194-04-7	ppt-TOC	264	U	946	U	112000		624000		403000		54500		42500		61900		65000				
PCB-52/69	35693-99-3/6023	ppt-TOC	340		946	U	2670000		14000000		9330000		1610000		833000		1050000		1270000				
PCB-53	41464-41-9	ppt-TOC	264	U	946	U	370000		1980000		1310000		181000		98700		158000		162000				
PCB-54	15968-05-5	ppt-TOC	264	U	946	U	5500		27800		15400		2240		2100		3320		3280				
PCB-55	74338-24-2	ppt-TOC	264	U	946	U	32300		154000		93300		16000		11100		10900		11800				
PCB-56/60	PCB-56/60	ppt-TOC	264	U	946	U	1330000		7000000		4900000		729000		467000		462000		523000				
PCB-57	70424-67-8	ppt-TOC	264	U	946	U	14700		71900		35900		5190		7400		8520		8170				
PCB-58	41464-49-7	ppt-TOC	264	U	946	U	5810		20700		12300		2690		3370		4240		4790				
PCB-6	25569-80-6	ppt-TOC	529	U	1880	U	136000		582000		254000		28800		151000		168000		137000				
PCB-61/70	PCB-61/70	ppt-TOC	264	U	946	U	2250000		12900000		8540000		1440000		827000		886000		1010000				
PCB-62	54230-22-7	ppt-TOC	264	U	946	U	1640	U	2570	U	1070	U			2780	U	1960	U	2230	U			
PCB-63	74472-34-7	ppt-TOC	264	U	946	U	92700		493000		285000		40600		39100		38100		43200				
PCB-65	33284-54-7	ppt-TOC	264	U	946	U	1640	U	2570	U	6670				2780	U	1960	U	2230	U			
PCB-67	73575-53-8	ppt-TOC	264	U	946	U	71500		392000		225000		31700		28900		32200		34900				
PCB-68	73575-52-7	ppt-TOC	264	U	946	U	12500		35200		19300		4290		12700		8620		10900				
PCB-7/9	PCB-7/9	ppt-TOC	529	U	1880	U	56200		278000		142000		14700		23100		34900		32700				
PCB-73	74338-23-1	ppt-TOC	264	U	946	U	1640	U	2570	U	1070	U			2780	U	1960	U	2230	U			
PCB-74	32690-93-0	ppt-TOC	264	U	946	U	1020000		5500000		3690000		529000		388000		392000		427000				
PCB-76/66	PCB-76/66	ppt-TOC	264	U	946	U	2020000		11600000		6950000		1130000		887000		890000		1010000				
PCB-77	32598-13-3	ppt-TOC	54.1		37.2		235000		1340000		790000		146000		151000		118000		195000				
PCB-78	70362-49-1	ppt-TOC	264	U	946	U	5880		26900		1070	U			2510		1960	U	2230	U			
PCB-79	41464-48-6	ppt-TOC	264	U	946	U	19200		103000		56400		15200		10900		10000		12700				
PCB-80	33284-52-5	ppt-TOC	264	U	946	U	1640	U	2570	U	1070	U			2780	U	1960	U	2230	U			
PCB-81	70362-50-4	ppt-TOC	264	U	946	U	30400		165000		24800		5870		11300		3460		3350				
PCB-82	52663-62-4	ppt-TOC	264	U	946	U	213000		1140000		831000		163000		75300		102000		119000				
PCB-83	60145-20-2	ppt-TOC	264	U	946	U	1390		10300		5970				2780	U	681		972				
PCB-84/92	52663-60-2/5266	ppt-TOC	264	U	946	U	708000		4090000		2720000		577000		305000		420000		489000				
PCB-85/116	PCB-85/116	ppt-TOC	264	U	946	U	318000		1780000		1220000		232000		124000		157000		185000				
PCB-86	55312-69-1	ppt-TOC	264	U	946	U	15000		82500		55400		8290		3890		4600		5430				
PCB-87/117/125	38380-02-8/6819	ppt-TOC	264	U	946	U	596000		3280000		2500000		526000		222000		285000		341000				
PCB-88/91	PCB-88/91	ppt-TOC	264	U	946	U	303000		1710000		1050000		208000		147000		193000		226000				
PCB-89	73575-57-2	ppt-TOC	264	U	946	U	30500		183000		121000		17800		8470		13400		15700				
PCB-90/101	PCB-90/101	ppt-TOC	339		946	U	1600000		9130000		6150000		1450000		733000		933000		1130000				
PCB-93	73575-56-1	ppt-TOC	264	U	946	U	1640	U	2570	U	1070	U			2780	U	1960	U	2230	U			
PCB-94	73575-55-0	ppt-TOC	264	U	946	U	13900		69400		40500		6320		6870		9140		9720				
PCB-95/98/102	38379-99-6/6023	ppt-TOC	264	U	946	U	1250000		7000000		4740000		1060000		529000		781000		889000				
PCB-96	73575-54-9	ppt-TOC	264	U	946	U	18300		93800		55100		9350		6150		7380		8390				
PCB-97	41464-51-1	ppt-TOC	264	U	946	U	538000		3070000		2140000		442000		232000		300000		368000				
PCB-99	38380-01-7	ppt-TOC	264	U	946	U	777000		4440000		2870000		639000		416000		500000		622000				
Total PCB Congeners (209)	No CAS	ppt-TOC	4840		1380		58500000		317000000		192000000		35200000		26300000		30100000		33700000				
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	4320		462		42300000		234000000		144000000		28000000		18900000		21300000		24400000				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED016		NB01SED017		NB01SED017		NB01SED017		NB01SED018		NB01SED018		NB01SED018		NB01SED019		NB01SED019					
		Sample Name	NB01SED016C-04		NB01SED017B-01		NB01SED017B-02		NB01SED017B-03		NB01SED018D-01		NB01SED018D-01		NB01SED018D-02		NB01SED019A-01		NB01SED019A-02					
		Date Collected	11/13/2005		11/20/2005		11/20/2005		11/20/2005		11/6/2005		11/6/2005		11/6/2005		11/2/2005		11/2/2005					
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-1	2051-60-7	ppt-TOC	49100		75800		69600		61700				46900		7000		14200		1960					
PCB-100	39485-83-1	ppt-TOC	10300		6470		4960		5160				7090		14400	U	6760		618					
PCB-103	60145-21-3	ppt-TOC	15300		6950		5640		6060				9920		4660		14900		1420					
PCB-104	56558-16-8	ppt-TOC	559		537		452		2340	U			7440	U	14400	U	3610	U	2480	U				
PCB-105	32598-14-4	ppt-TOC	232000		158000		106000		126000				317000		175000		882000		91800					
PCB-106/118	PCB-106/118	ppt-TOC	745000		452000		307000		361000				796000		414000		2290000		263000					
PCB-107/109	70424-68-9/7447	ppt-TOC	65500		38500		28700		32700				61200		30200		141000		15800					
PCB-108/112	70362-41-3/7447	ppt-TOC	47300		25700		19200		20700				46300		25300		109000		10800					
PCB-11	2050-67-1	ppt-TOC	347000		151000		108000		133000				385000		162000		684000		70600					
PCB-110	38380-03-9	ppt-TOC	991000		532000		382000		436000				1010000		566000		3000000		325000					
PCB-111/115	PCB-111/115	ppt-TOC	12500		8580		5400		6440				17400		12000		56300		5550					
PCB-113	68194-10-5	ppt-TOC	2000	U	2960		2060		1420				7440	U	14400	U	3610	U	2480	U				
PCB-114	74472-37-0	ppt-TOC	14600		9260		6000		7060				19900		12400		54900		5440					
PCB-119	56558-17-9	ppt-TOC	31500		16800		12900		14300				19900		8660		39400		3860					
PCB-12/13	PCB-12/13	ppt-TOC	174000		118000		112000		108000				132000		30400		52700		4970	U				
PCB-120	68194-12-7	ppt-TOC	677		2530		1960		2190				3130		14400	U	2290		2480	U				
PCB-121	56558-18-0	ppt-TOC	2000	U	2170	U	1620	U	2340	U			7440	U	14400	U	3610	U	2480	U				
PCB-122	76842-07-4	ppt-TOC	8640		5470		3930		4740				12400		7310		28400		2750					
PCB-123	65510-44-3	ppt-TOC	12500		9260		6280		7110				15600		9450		34700		3880					
PCB-124	70424-70-3	ppt-TOC	27300		16200		10200		12200				34200		19600		94500		11000					
PCB-126	57465-28-8	ppt-TOC	3760		2830		2180		2140				5100		2760		10100		1200					
PCB-127	39635-33-1	ppt-TOC	2000	U	2170	U	1620	U	2340	U			7440	U	14400	U	3610	U	2480	U				
PCB-128/162	PCB-128/162	ppt-TOC	114000		58400		37100		42600				116000		56200		390000		45900					
PCB-129	55215-18-4	ppt-TOC	24900		13300		8360		8890				26900		16300		110000		12400					
PCB-130	52663-66-8	ppt-TOC	45500		26700		18200		18400				42700		20700		128000		14100					
PCB-131	61798-70-7	ppt-TOC	2000	U	2170	U	1620	U	2340	U			7440	U	14400	U	3610	U	2480	U				
PCB-132/161	38380-05-1/7447	ppt-TOC	206000		95300		60800		71100				187000		96900		698000		75300					
PCB-133/142	PCB-133/142	ppt-TOC	23300		10800		7560		8720				20400		10400		64500		7350					
PCB-134/143	PCB-134/143	ppt-TOC	40800		17700		12500		14300				34500		18900		124000		13900					
PCB-135	52744-13-5	ppt-TOC	115000		53700		36200		46500				90500		47200		304000		32500					
PCB-136	38411-22-2	ppt-TOC	106000		47600		33100		40900				85400		47200		327000		34800					
PCB-137	35694-06-5	ppt-TOC	29300		17500		10600		11300				30500		18200		131000		14400					
PCB-138/163/164	35065-28-2/7447	ppt-TOC	723000		405000		264000		298000				670000		341000		2350000		262000					
PCB-139/149	PCB-139/149	ppt-TOC	700000		341000		225000		272000				536000		275000		1980000		221000					
PCB-14	34883-41-5	ppt-TOC	3990	U	4340	U	3240	U	4690	U			14900	U	28700	U	7220	U	4970	U				
PCB-140	59291-64-4	ppt-TOC	5640		3440		2180		2260				3710		14400	U	10900		1560					
PCB-141	52712-04-6	ppt-TOC	118000		52200		33400		38100				112000		60700		494000		52100					
PCB-144	68194-14-9	ppt-TOC	34500		16800		10100		12900				28200		16400		112000		13200					
PCB-145	74472-40-5	ppt-TOC	2000	U	2170	U	1620	U	2340	U			7440	U	14400	U	1060		2480	U				
PCB-146/165	51908-16-8/7447	ppt-TOC	125000		61600		43600		47300				96600		45500		296000		32000					
PCB-147	68194-13-8	ppt-TOC	20100		14600		9440		11100				18500		8930		46900		5810					
PCB-148	74472-41-6	ppt-TOC	1990		1430		1180		1290				7440	U	14400	U	5120		929					
PCB-15	2050-68-2	ppt-TOC	609000		758000		748000		706000				765000		196000		166000		8940					
PCB-150	68194-08-1	ppt-TOC	2300		1880		1300		1410				2300		14400	U	9370		1090					
PCB-151	52663-63-5	ppt-TOC	212000		86800		57600		72200				151000		77600		578000		62400					
PCB-152	68194-09-2	ppt-TOC	1200		542		1620	U	578				7440	U	14400	U	2220		2480	U				
PCB-153	35065-27-1	ppt-TOC	755000		381000		243000		287000				643000		318000		2270000		259000					
PCB-154	60145-22-4	ppt-TOC	17200		11200		8200		9940				11900		4690		23500		2870					
PCB-155	33979-03-2	ppt-TOC	7320		1250		864		989				7440	U	14400	U	629		2480	U				
PCB-156	38380-08-4	ppt-TOC	66800		36500		22000		24700				67800		31700		247000		28000					
PCB-157	69782-90-7	ppt-TOC	16200		8580		5040		6390				14100		7620		50200		6350					
PCB-158/160	74472-42-7/4141	ppt-TOC	74100		39900		23800		27800				70200		39000		269000		31000					
PCB-159	39635-35-3	ppt-TOC	9590		4380		3020		3630				6000		14400	U	22000		3380					
PCB-16/32	PCB-16/32	ppt-TOC	591000		217000		210000		194000				603000		293000		439000		16600					
PCB-166	41411-63-6	ppt-TOC	2750		1640		868		1170				2860		14400	U	9900		1290					
PCB-167	52663-72-6	ppt-TOC	27800		16300		10300		11700				27600		12900		89200		10200					
PCB-168	59291-65-5	ppt-TOC	1350		1110		640		678				7440	U	14400	U	1890		2480	U				
PCB-169	32774-16-6	ppt-TOC	2000	U	2170	U	1620	U	2340	U			7440	U	14400	U	3610	U	2480	U				
PCB-17	37680-66-3	ppt-TOC	421000		171000		168000		154000				379000		168000		257000		9650					
PCB-170	35065-30-6	ppt-TOC	192000		81100		57600		67200				140000		70000		567000		63500					
PCB-171	52663-71-5	ppt-TOC	60000		25400		17100		19800				41500		20000		162000		18100					

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED016		NB01SED017		NB01SED017		NB01SED017		NB01SED018		NB01SED018		NB01SED018		NB01SED019		NB01SED019					
		Sample Name	NB01SED016C-04		NB01SED017B-01		NB01SED017B-02		NB01SED017B-03		NB01SED018D-01		NB01SED018D-01		NB01SED018D-02		NB01SED019A-01		NB01SED019A-02					
		Date Collected	11/13/2005		11/20/2005		11/20/2005		11/20/2005		11/6/2005		11/6/2005		11/6/2005		11/2/2005		11/2/2005					
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-172	52663-74-8	ppt-TOC	36900		15500		10500		11300				23900		10900		99600		12100					
PCB-173	68194-16-1	ppt-TOC	4160		1880		1440		1360				3320		14400	U	12700		1630					
PCB-174	38411-25-5	ppt-TOC	213000		80500		58400		65000				139000		66900		733000		82900					
PCB-175	40186-70-7	ppt-TOC	8730		5260		3660		4430				8180		3930		33700		4050					
PCB-176	52663-65-7	ppt-TOC	29400		13400		9480		11200				22400		10700		92700		10100					
PCB-177	52663-70-4	ppt-TOC	151000		64700		46000		54200				107000		49300		406000		44100					
PCB-178	52663-67-9	ppt-TOC	53600		25800		19200		22300				40800		19600		147000		16800					
PCB-179	52663-64-6	ppt-TOC	117000		51900		37400		44300				88900		43800		378000		43100					
PCB-18	37680-65-2	ppt-TOC	745000		269000		260000		243000				897000		462000		743000		27200					
PCB-180	35065-29-3	ppt-TOC	550000		226000		158000		179000				388000		193000		1800000		208000					
PCB-181	74472-47-2	ppt-TOC	2130		758		868		483				2090		14400	U	3630		526					
PCB-182/187	PCB-182/187	ppt-TOC	354000		167000		120000		146000				266000		129000		1060000		123000					
PCB-183	52663-69-1	ppt-TOC	131000		64200		44000		53300				102000		53100		429000		49200					
PCB-184	74472-48-3	ppt-TOC	832		563		492		551				7440	U	14400	U	951		2480	U				
PCB-185	52712-05-7	ppt-TOC	24700		9000		6400		7610				16700		7380		89800		10900					
PCB-186	74472-49-4	ppt-TOC	2000	U	2170	U	1620	U	2340	U			7440	U	14400	U	3610	U	2480	U				
PCB-188	74487-85-7	ppt-TOC	900		847		684		844				7440	U	14400	U	1300		2480	U				
PCB-189	39635-31-9	ppt-TOC	7180		3830		2620		3010				5750		3200		18600		2010					
PCB-19	38444-73-4	ppt-TOC	81800		28200		28000		25500				66300		32400		55900		2610					
PCB-190	41411-64-7	ppt-TOC	40000		18300		12700		15200				29700		14900		120000		14200					
PCB-191	74472-50-7	ppt-TOC	7410		3580		2360		2890				5890		3330		22900		2560					
PCB-192	74472-51-8	ppt-TOC	2000	U	2170	U	1620	U	2340	U			7440	U	14400	U	3610	U	2480	U				
PCB-193	69782-91-8	ppt-TOC	26500		11700		8080		9170				18000		9720		71800		8180					
PCB-194	35694-08-7	ppt-TOC	140000		64700		47600		52500				92700		45200		490000		61200					
PCB-195	52663-78-2	ppt-TOC	47700		23600		17500		18800				34000		16400		166000		18600					
PCB-196/203	PCB-196/203	ppt-TOC	232000		91100		62400		74400				134000		67200		614000		93500					
PCB-197	33091-17-7	ppt-TOC	6180		2750		2000		2570				4280		14400	U	18900		2570					
PCB-198	68194-17-2	ppt-TOC	16900		4810		3160		3360				5950		14400	U	30000		4940					
PCB-199	52663-75-9	ppt-TOC	271000		90000		65200		75600				140000		66600		686000		114000					
PCB-2	2051-61-8	ppt-TOC	22600		13100		11600		12400				14000		5170		6200		1580					
PCB-20/21/33	38444-84-7/5570	ppt-TOC	280000		179000		146000		143000				597000		307000		437000		18400					
PCB-200	52663-73-7	ppt-TOC	21600		8000		5520		6110				12500		6790		66300		8410					
PCB-201	40186-71-8	ppt-TOC	35100		12400		9200		11200				19000		9280		75500		11800					
PCB-202	2136-99-4	ppt-TOC	116000		33700		23800		29200				43500		16100		138000		38800					
PCB-204	74472-52-9	ppt-TOC	2000	U	2170	U	1620	U	2340	U			7440	U	14400	U	422		2480	U				
PCB-205	74472-53-0	ppt-TOC	4680		2930		2040		2550				3930		14400	U	18300		2210					
PCB-206	40186-72-9	ppt-TOC	286000		93200		64800		81100				107000		36900		953000		189000					
PCB-207	52663-79-3	ppt-TOC	19500		8210		5960		7000				9200		3790		33500		12400					
PCB-208	52663-77-1	ppt-TOC	113000		34000		24300		30700				36700		11600		201000		67600					
PCB-209	2051-24-3	ppt-TOC	240000		87900		57200		81700				97000		40700		1920000		222000					
PCB-22	38444-85-8	ppt-TOC	269000		190000		153000		151000				490000		244000		302000		12800					
PCB-23	55720-44-0	ppt-TOC	873		2170	U	668		2340	U			2170		14400	U	3390		2480	U				
PCB-24/27	PCB-24/27	ppt-TOC	104000		48300		48000		43100				84300		32900		49800		2520					
PCB-25	55712-37-3	ppt-TOC	167000		162000		146000		133000				188000		58600		52000		2410					
PCB-26	38444-81-4	ppt-TOC	251000		229000		212000		185000				312000		99000		120000		5100					
PCB-28	7012-37-5	ppt-TOC	1160000		1040000		944000		889000				1640000		734000		976000		40500					
PCB-29	15862-07-4	ppt-TOC	2340		2070		1700		1550				5370		14400	U	5180		2480	U				
PCB-3	2051-62-9	ppt-TOC	43400		39800		36700		35700				34800		8830		12500		1990					
PCB-30	35693-92-6	ppt-TOC	977		2170	U	1620	U	2340	U			7440	U	14400	U	3610	U	2480	U				
PCB-31	16606-02-3	ppt-TOC	909000		795000		636000		594000				1430000		583000		910000		32400					
PCB-34	37680-68-5	ppt-TOC	9680		6160		6000		5120				6980		14400	U	3730		2480	U				
PCB-35	37680-69-6	ppt-TOC	30800		27500		25400		22800				68000		18500		174000		12200					
PCB-36	38444-87-0	ppt-TOC	2090		1490		1680		1870				2450		14400	U	3610	U	2480	U				
PCB-37	38444-90-5	ppt-TOC	288000		358000		322000		316000				514000		204000		245000		9530					
PCB-38	53555-66-1	ppt-TOC	15000		5080		4120		4560				6580		14400	U	4760		2480	U				
PCB-39	38444-88-1	ppt-TOC	2810		3830		3430		3750				3570		14400	U	3610	U	2480	U				
PCB-4/10	PCB-4/10	ppt-TOC	143000		144000		154000		134000				161000		50000		64300		4970	U				
PCB-40	38444-93-8	ppt-TOC	194000		67900		59200		60000				265000		186000		271000		10800					
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	845000		386000		320000		328000		1630000				790000		1350000		63500					
PCB-42/59	36559-22-5/7447	ppt-TOC	343000		153000		129000		131000				470000		287000		424000		15900					
PCB-43/49	PCB-43/49	ppt-TOC	923000		432000		376000		369000				1100000		634000		1240000		68800					

Table B-6
TOC-Normalized Congener PCBs

			Location ID		NB01SED016		NB01SED017		NB01SED017		NB01SED017		NB01SED018		NB01SED018		NB01SED018		NB01SED019		NB01SED019	
			Sample Name		NB01SED016C-04		NB01SED017B-01		NB01SED017B-02		NB01SED017B-03		NB01SED018D-01		NB01SED018D-01		NB01SED018D-02		NB01SED019A-01		NB01SED019A-02	
			Date Collected		11/13/2005		11/20/2005		11/20/2005		11/20/2005		11/6/2005		11/6/2005		11/6/2005		11/2/2005		11/2/2005	
			Depth		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	955000		351000		279000		297000				1350000		910000		1890000		118000			
PCB-45	70362-45-7	ppt-TOC	129000		39900		32800		35100				172000		112000		179000		6000			
PCB-46	41464-47-5	ppt-TOC	49100		17700		15200		15000				74000		50300		81200		2930			
PCB-47	2437-79-8	ppt-TOC	445000		221000		192000		184000				458000		234000		416000		17100			
PCB-48/75	70362-47-9/3259	ppt-TOC	162000		71100		62800		62800				259000		167000		239000		9470			
PCB-5/8	PCB-5/8	ppt-TOC	276000		287000		281000		267000				433000		150000		166000		10800			
PCB-50	62796-65-0	ppt-TOC	3320		1300		1240		1140				3330		14400	U	6730		759			
PCB-51	68194-04-7	ppt-TOC	54500		24500		20100		20400				57400		33900		52400		1880			
PCB-52/69	35693-99-3/6023	ppt-TOC	1050000		422000		346000		357000				1340000		879000		2410000		206000			
PCB-53	41464-41-9	ppt-TOC	139000		53700		45200		44700				168000		106000		188000		7710			
PCB-54	15968-05-5	ppt-TOC	3100		1080		1230		1040				2660		14400	U	2310		2480	U		
PCB-55	74338-24-2	ppt-TOC	10000		5470		4600		4740				19400		10100		16500		1350			
PCB-56/60	PCB-56/60	ppt-TOC	453000		249000		200000		210000				814000		424000		778000		35300			
PCB-57	70424-67-8	ppt-TOC	6500		4240		3820		3760						14400	U	4240		2480	U		
PCB-58	41464-49-7	ppt-TOC	4320		2490		2090		2030				3330		14400	U	2180		2480	U		
PCB-6	25569-80-6	ppt-TOC	76400		96300		101000		94400				98800		22900		29800		4970	U		
PCB-61/70	PCB-61/70	ppt-TOC	982000		433000		352000		363000				1330000		707000		1870000		138000			
PCB-62	54230-22-7	ppt-TOC	2000	U	2170	U	1620	U	2340	U			7440	U	14400	U	3610	U	2480	U		
PCB-63	74472-34-7	ppt-TOC	38500		20600		17800		17800				46700		23100		43900		2210			
PCB-65	33284-54-7	ppt-TOC	2000	U	2170	U	1620	U	2340	U			7440	U	14400	U	3610	U	2480	U		
PCB-67	73575-53-8	ppt-TOC	24500		16800		14500		14700				40100		19000		26100		1150			
PCB-68	73575-52-7	ppt-TOC	11700		7790		5880		5940						14400	U	4570		515			
PCB-7/9	PCB-7/9	ppt-TOC	21000		15800		15400		13900				28100		28700	U	12900		4970	U		
PCB-73	74338-23-1	ppt-TOC	2000	U	2170	U	1620	U	2340	U			7440	U	14400	U	3610	U	2480	U		
PCB-74	32690-93-0	ppt-TOC	373000		207000		167000		177000				588000		307000		684000		38600			
PCB-76/66	PCB-76/66	ppt-TOC	950000		449000		372000		388000				1180000		572000		1230000		58800			
PCB-77	32598-13-3	ppt-TOC	111000		76800		72000		69400				232000		73400		367000		26500			
PCB-78	70362-49-1	ppt-TOC	3210		2170	U	1620	U	2340	U			3030		14400	U	5980		694			
PCB-79	41464-48-6	ppt-TOC	13200		5230		4160		4590				10200		5520		22700		2880			
PCB-80	33284-52-5	ppt-TOC	2000	U	2170	U	1620	U	2340	U			7440	U	14400	U	3610	U	2480	U		
PCB-81	70362-50-4	ppt-TOC	12200		1950		1930		1280				16900		10000		29800		3550			
PCB-82	52663-62-4	ppt-TOC	88600		48300		33800		41300				119000		67200		265000		25400			
PCB-83	60145-20-2	ppt-TOC	459		2170	U	1620	U	2340	U			7440	U	14400	U	3610	U	2480	U		
PCB-84/92	52663-60-2/5266	ppt-TOC	399000		181000		132000		149000				379000		215000		1080000		115000			
PCB-85/116	PCB-85/116	ppt-TOC	138000		78400		55200		65600				163000		96600		427000		42200			
PCB-86	55312-69-1	ppt-TOC	3640		2070		1610		2080				7260		5790		11000		800			
PCB-87/117/125	38380-02-8/6819	ppt-TOC	261000		148000		97600		116000				320000		204000		1010000		111000			
PCB-88/91	PCB-88/91	ppt-TOC	176000		84200		62000		68300				154000		81700		367000		35300			
PCB-89	73575-57-2	ppt-TOC	13300		5890		3540		4820				15200		10200		24300		1660			
PCB-90/101	PCB-90/101	ppt-TOC	932000		449000		308000		359000				886000		497000		2780000		311000			
PCB-93	73575-56-1	ppt-TOC	2000	U	2170	U	1620	U	2340	U			7440	U	14400	U	3610	U	254000			
PCB-94	73575-55-0	ppt-TOC	7550		4930		3480		3540				6720		14400	U	10700		953			
PCB-95/98/102	38379-99-6/6023	ppt-TOC	714000		316000		221000		253000				672000		369000		2080000		217000			
PCB-96	73575-54-9	ppt-TOC	8820		4510		2800		3160				9990		6450		18900		1640			
PCB-97	41464-51-1	ppt-TOC	285000		145000		100000		117000				283000		170000		800000		85300			
PCB-99	38380-01-7	ppt-TOC	500000		251000		179000		204000				433000		225000		1130000		119000			
Total PCB Congeners (209)	No CAS	ppt-TOC	28300000		15400000		12400000		12900000				31300000		16200000		59400000		6000000			
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	20800000		10900000		8600000		9110000				23000000		12100000		50400000		5090000			

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED019		NB01SED019		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED021	
		Sample Name	NB01SED019A-03		NB01SED019A-04		NB01SED020A-01		NB01SED020A-02		NB01SED020A-03		NB01SED020A-04		NB01SED020A-05		NB01SED020A-06		NB01SED021B-01			
		Date Collected	11/2/2005		11/2/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/20/2005			
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-1	2051-60-7	ppt-TOC	1780		1750	U	45800		23200		1360		1010		723		797		39200			
PCB-100	39485-83-1	ppt-TOC	539		1750	U	11600		6910		891		706	U	774	U	817	U	4360			
PCB-103	60145-21-3	ppt-TOC	1110		1750	U	19400		10900		2860		397		774	U	817	U	4440			
PCB-104	56558-16-8	ppt-TOC	484	U	1750	U	5680	U	1100	U	437	U	706	U	774	U	817	U	2220	U		
PCB-105	32598-14-4	ppt-TOC	93500		2720		969000		468000		73500		15800		3940		296		91700			
PCB-106/118	PCB-106/118	ppt-TOC	244000		8080		2340000		1120000		202000		40900		9480		463		257000			
PCB-107/109	70424-68-9/7447	ppt-TOC	13400		1750	U	170000		85000		12600		2790		713		817	U	22300			
PCB-108/112	70362-41-3/7447	ppt-TOC	10000		1750	U	148000		71800		11300		1970		548		817	U	15400			
PCB-11	2050-67-1	ppt-TOC	72900		3510	U	637000		367000		75800		4540		4610		1630	U	96700			
PCB-110	38380-03-9	ppt-TOC	306000		9210		3230000		1510000		293000		49400		11800		817	U	318000			
PCB-111/115	PCB-111/115	ppt-TOC	6590		1750	U	68200		32500		4140		780		210		817	U	5390			
PCB-113	68194-10-5	ppt-TOC	484	U	1750	U	8000		4310		532		706	U	774	U	817	U	1080			
PCB-114	74472-37-0	ppt-TOC	5150		1750	U	60700		28700		4040		1090		774	U	817	U	4460			
PCB-119	56558-17-9	ppt-TOC	3540		1750	U	54500		27500		5230		926		377		817	U	10400			
PCB-12/13	PCB-12/13	ppt-TOC	5740		3510	U	168000		80900		31100		1410	U	1650	U	1630	U	72800			
PCB-120	68194-12-7	ppt-TOC	484	U	1750	U	2370000		2030		437	U	706	U	774	U	817	U	1270			
PCB-121	56558-18-0	ppt-TOC	484	U	1750	U	5680	U	1100	U	437	U	706	U	774	U	817	U	2220	U		
PCB-122	76842-07-4	ppt-TOC	2590		1750	U	33500		17000		1930		509		774	U	817	U	3440			
PCB-123	65510-44-3	ppt-TOC	3230		1750	U	47200		21800		2980		729		227		817	U	5370			
PCB-124	70424-70-3	ppt-TOC	9940		1750	U	105000		49500		9490		2670		277		817	U	8500			
PCB-126	57465-28-8	ppt-TOC	1120		1750	U	11500		6270		1450		706	U	774	U	817	U	1950			
PCB-127	39635-33-1	ppt-TOC	484	U	1750	U	5680	U	1100	U	437	U	706	U	774	U	817	U	2220	U		
PCB-128/162	PCB-128/162	ppt-TOC	44400		1390		315000		190000		41800		8230		1370		817	U	33200			
PCB-129	55215-18-4	ppt-TOC	12800		1750	U	99700		49500		11000		2310		774	U	817	U	7610			
PCB-130	52663-66-8	ppt-TOC	12400		1750	U	139000		77700		17000		3030		484		817	U	15000			
PCB-131	61798-70-7	ppt-TOC	484	U	1750	U	5680	U	1100	U	437	U	706	U	774	U	817	U	2220	U		
PCB-132/161	38380-05-1/7447	ppt-TOC	75300		2870		592000		350000		79600		13300		2380		817	U	58300			
PCB-133/142	PCB-133/142	ppt-TOC	6940		1750	U	56900		34200		7300		1640		230		817	U	7280			
PCB-134/143	PCB-134/143	ppt-TOC	12800		1750	U	112000		64100		13200		2340		774	U	817	U	12700			
PCB-135	52744-13-5	ppt-TOC	32900		1220		255000		136000		31900		5540		1160		817	U	31400			
PCB-136	38411-22-2	ppt-TOC	34400		1170		266000		144000		35800		5830		1210		817	U	30900			
PCB-137	35694-06-5	ppt-TOC	16200		1750	U	104000		51800		11100		2580		416		817	U	9330			
PCB-138/163/164	35065-28-2/7447	ppt-TOC	261000		9500		2100000		1200000		295000		46600		8550		817	U	233000			
PCB-139/149	PCB-139/149	ppt-TOC	212000		6710		1630000		850000		225000		41400		7130		817	U	202000			
PCB-14	34883-41-5	ppt-TOC	965	U	3510	U	11300	U	2200	U	872	U	1410	U	1550	U	1630	U	4440	U		
PCB-140	59291-64-4	ppt-TOC	484	U	1750	U	12900		5820		1520		706	U	774	U	817	U	2220	U		
PCB-141	52712-04-6	ppt-TOC	51800		2040		363000		208000		55600		9460		1660		817	U	29800			
PCB-144	68194-14-9	ppt-TOC	12100		1750	U	105000		51800		14200		2710		474		817	U	9780			
PCB-145	74472-40-5	ppt-TOC	484	U	1750	U	994		392		437	U	706	U	774	U	817	U	2220	U		
PCB-146/165	51908-16-8/7447	ppt-TOC	31200		1300		264000		161000		37500		7770		1390		817	U	37500			
PCB-147	68194-13-8	ppt-TOC	4810		1750	U	48900		24300		4910		1110		215		817	U	7940			
PCB-148	74472-41-6	ppt-TOC	552		1750	U	2840		1470		1050		706	U	774	U	817	U	883			
PCB-15	2050-68-2	ppt-TOC	9290		3510	U	930000		468000		8020		8060		6900		5130		477000			
PCB-150	68194-08-1	ppt-TOC	1080		1750	U	4380		2560		1180		706	U	774	U	817	U	1040			
PCB-151	52663-63-5	ppt-TOC	62400		1840		424000		231000		68400		16100		2080		817	U	55300			
PCB-152	68194-09-2	ppt-TOC	484	U	1750	U	2510		1040		265		706	U	774	U	817	U	2220	U		
PCB-153	35065-27-1	ppt-TOC	245000		8630		1840000		1090000		302000		67100		8740		817	U	227000			
PCB-154	60145-22-4	ppt-TOC	2730		1750	U	24200		13000		3050		1100		774	U	817	U	6720			
PCB-155	33979-03-2	ppt-TOC	484	U	1750	U	2680		2520		437	U	706	U	774	U	817	U	861			
PCB-156	38380-08-4	ppt-TOC	26900		1050		208000		109000		26300		5290		865		817	U	19800			
PCB-157	69782-90-7	ppt-TOC	6350		1750	U	48300		25100		6470		3800	U	275		817	U	4790			
PCB-158/160	74472-42-7/4141	ppt-TOC	29200		1180		254000		135000		33300		5310		1060		817	U	21800			
PCB-159	39635-35-3	ppt-TOC	2820		1750	U	18400		12400		5140		4860		269		817	U	3760			
PCB-16/32	PCB-16/32	ppt-TOC	15400		1750	U	1130000		659000		8610		6800		4190		817	U	137000			
PCB-166	41411-63-6	ppt-TOC	888		1750	U	9770		5500		1060		706	U	774	U	817	U	783			
PCB-167	52663-72-6	ppt-TOC	9880		1750	U	78900		44800		10200		2110		345		817	U	9440			
PCB-168	59291-65-5	ppt-TOC	484	U	1750	U	6420		3400		796		706	U	774	U	817	U	532			
PCB-169	32774-16-6	ppt-TOC	170		1750	U	5680	U	377		437	U	706	U	774	U	817	U	2220	U		
PCB-17	37680-66-3	ppt-TOC	9290		1750	U	705000		411000		15900		3940		2650		817	U	107000			
PCB-170	35065-30-6	ppt-TOC	60600		1900		410000		232000		74600		14200		2500		817	U	50200			
PCB-171	52663-71-5	ppt-TOC	16900		1750	U	127000		70900		22100		4570		619		817	U	15600			

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED019		NB01SED019		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED021	
		Sample Name	NB01SED019A-03		NB01SED019A-04		NB01SED020A-01		NB01SED020A-02		NB01SED020A-03		NB01SED020A-04		NB01SED020A-05		NB01SED020A-06		NB01SED021B-01			
		Date Collected	11/2/2005		11/2/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/20/2005			
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-172	52663-74-8	ppt-TOC	10900		1750	U	69800		39800		13900		7800		561		817	U	9170			
PCB-173	68194-16-1	ppt-TOC	1210		1750	U	10500		5640		1680		706	U	774	U	817	U	1210			
PCB-174	38411-25-5	ppt-TOC	75900		2830		408000		239000		87900		34600		2840		817	U	52700			
PCB-175	40186-70-7	ppt-TOC	4950		1750	U	25000		13400		4680		3690		774	U	817	U	3180			
PCB-176	52663-65-7	ppt-TOC	10200		1750	U	68700		38000		14000		4140		413		817	U	8720			
PCB-177	52663-70-4	ppt-TOC	41500		1390		283000		165000		56000		17100		1790		817	U	40400			
PCB-178	52663-67-9	ppt-TOC	16600		1750	U	107000		57300		23500		17300		819		817	U	16400			
PCB-179	52663-64-6	ppt-TOC	41200		1520		248000		140000		56700		25800		1920		817	U	33600			
PCB-18	37680-65-2	ppt-TOC	25600		2100		1900000		1070000		43300		10300		6580		817	U	170000			
PCB-180	35065-29-3	ppt-TOC	197000		5670		1040000		605000		239000		125000		8060		817	U	139000			
PCB-181	74472-47-2	ppt-TOC	847		1750	U	5080		1900		591		706	U	774	U	817	U	600			
PCB-182/187	PCB-182/187	ppt-TOC	122000		3900		702000		380000		169000		137000		6520		817	U	106000			
PCB-183	52663-69-1	ppt-TOC	48700		1970		309000		168000		68800		33700		2330		817	U	39900			
PCB-184	74472-48-3	ppt-TOC	484	U	1750	U	1270		586		221		257		774	U	817	U	2220	U		
PCB-185	52712-05-7	ppt-TOC	9940		1750	U	48900		29500		12700		8170		519		817	U	6280			
PCB-186	74472-49-4	ppt-TOC	484	U	1750	U	5680	U	1100	U	437	U	163		774	U	817	U	2220	U		
PCB-188	74487-85-7	ppt-TOC	484	U	1750	U	1590		932		318		529		774	U	817	U	2220	U		
PCB-189	39635-31-9	ppt-TOC	2000		1750	U	15900		9050		2750		909		774	U	817	U	2260			
PCB-19	38444-73-4	ppt-TOC	1970		1750	U	112000		71400		1090		706	U	774	U	817	U	17300			
PCB-190	41411-64-7	ppt-TOC	13100		542		91200		50000		17400		4630		774	U	817	U	11100			
PCB-191	74472-50-7	ppt-TOC	2440		1750	U	18300		10400		3300		991		774	U	817	U	2170			
PCB-192	74472-51-8	ppt-TOC	484	U	1750	U	5680	U	1100	U	437	U	706	U	774	U	817	U	2220	U		
PCB-193	69782-91-8	ppt-TOC	7410		1750	U	53600		30400		10400		4340		361		817	U	6940			
PCB-194	35694-08-7	ppt-TOC	61800		1860		268000		143000		76000		113000		4030		817	U	40700			
PCB-195	52663-78-2	ppt-TOC	19200		1750	U	97300		53600		25100		18200		1160		817	U	14100			
PCB-196/203	PCB-196/203	ppt-TOC	101000		2480		351000		182000		119000		309000		7710		817	U	58300			
PCB-197	33091-17-7	ppt-TOC	2490		1750	U	11800		6410		3440		3630		168		817	U	1880			
PCB-198	68194-17-2	ppt-TOC	8120		1750	U	16700		8860		7190		29100		587		817	U	3090			
PCB-199	52663-75-9	ppt-TOC	115000		3010		316000		171000		118000		449000		9260		817	U	60000			
PCB-2	2051-61-8	ppt-TOC	1480		1750	U	17900		13600		2670		1920		1350		1270		6330			
PCB-20/21/33	38444-84-7/5570	ppt-TOC	19900		1280		939000		509000		14900		5140		3680		817	U	105000			
PCB-200	52663-73-7	ppt-TOC	8760		1750	U	32500		16800		9280		12500		645		817	U	5120			
PCB-201	40186-71-8	ppt-TOC	12500		1750	U	46500		25600		16900		38000		1050		817	U	8220			
PCB-202	2136-99-4	ppt-TOC	39500		1750	U	95700		55000		51900		286000		4450		817	U	22200			
PCB-204	74472-52-9	ppt-TOC	484	U	1750	U	5680	U	1100	U	270		709		774	U	817	U	2220	U		
PCB-205	74472-53-0	ppt-TOC	2210		1750	U	13300		6550		3490		6090		236		817	U	1770			
PCB-206	40186-72-9	ppt-TOC	173000		3770		275000		130000		169000		877000		15700		1100		62800			
PCB-207	52663-79-3	ppt-TOC	11400		1750	U	24200		11300		15500		36600		1210		817	U	5560			
PCB-208	52663-77-1	ppt-TOC	64100		1100		78800		42200		68200		383000		6900		817	U	22300			
PCB-209	2051-24-3	ppt-TOC	214000		4010		275000		137000		253000		477000		16700		1670		51200			
PCB-22	38444-85-8	ppt-TOC	13900		892		830000		453000		6320		4310		3110		817	U	112000			
PCB-23	55720-44-0	ppt-TOC	538		1750	U	5680	U	1190		437	U	706	U	774	U	817	U	2220	U		
PCB-24/27	PCB-24/27	ppt-TOC	2410		1750	U	140000		85500		1890		811		774	U	817	U	30300			
PCB-25	55712-37-3	ppt-TOC	2640		1750	U	242000		140000		164000		1470		1170		817	U	97800			
PCB-26	38444-81-4	ppt-TOC	5860		1750	U	389000		210000		381000		2210		1710		817	U	140000			
PCB-28	7012-37-5	ppt-TOC	39900		3330		3050000		1560000		35100		15500		9550		817	U	656000			
PCB-29	15862-07-4	ppt-TOC	594		1750	U	7350		3250		437	U	706	U	774	U	817	U	1290			
PCB-3	2051-62-9	ppt-TOC	2030		1750	U	43700		26700		3250		2480		1890		1780		21200			
PCB-30	35693-92-6	ppt-TOC	484	U	1750	U	5680	U	1100	U	437	U	706	U	774	U	817	U	2220	U		
PCB-31	16606-02-3	ppt-TOC	43200		2370		2250000		1290000		76300		12100		7680		1540		440000			
PCB-34	37680-68-5	ppt-TOC	484	U	1750	U	8930		5730		509		706	U	774	U	817	U	3870			
PCB-35	37680-69-6	ppt-TOC	12900		1750	U	79400		46800		24600		706	U	774	U	817	U	17900			
PCB-36	38444-87-0	ppt-TOC	484	U	1750	U	5680	U	1230		9740		706	U	774	U	817	U	2220	U		
PCB-37	38444-90-5	ppt-TOC	9820		1750	U	760000		418000		10700		4110		3200		817	U	216000			
PCB-38	53555-66-1	ppt-TOC	484	U	1750	U	15900		6950		2120		706	U	774	U	817	U	3490			
PCB-39	38444-88-1	ppt-TOC	484	U	1750	U	5160		2420		1270		706	U	774	U	817	U	2170			
PCB-4/10	PCB-4/10	ppt-TOC	3390		3510	U	233000		113000		2530		1410	U	1550	U	1630	U	85600			
PCB-40	38444-93-8	ppt-TOC	7880		1750	U	540000		329000		12400		2540		1450		817	U	45500			
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC			3520		2570000		1460000		101000		14100		6550		817	U	248000			
PCB-42/59	36559-22-5/7447	ppt-TOC	14500		979		972000		595000		71100		6110		2760		817	U	100000			
PCB-43/49	PCB-43/49	ppt-TOC	66500		3320		2350000		1440000		630000		18200		6580		817	U	273000			

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED019		NB01SED019		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED021	
		Sample Name	NB01SED019A-03		NB01SED019A-04		NB01SED020A-01		NB01SED020A-02		NB01SED020A-03		NB01SED020A-04		NB01SED020A-05		NB01SED020A-06		NB01SED021B-01			
		Date Collected	11/2/2005		11/2/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/20/2005			
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-44	41464-39-5	ppt-TOC	112000		4670		3070000		1800000		319000		24700		8160		817	U	221000			
PCB-45	70362-45-7	ppt-TOC	5610		1750	U	390000		243000		8020		2740		1150		817	U	25500			
PCB-46	41464-47-5	ppt-TOC	2590		1750	U	159000		103000		5670		1060		506		817	U	12400			
PCB-47	2437-79-8	ppt-TOC	15000		1200		828000		550000		161000		6630		2820		817	U	140000			
PCB-48/75	70362-47-9/3259	ppt-TOC	8650		758		572000		347000		19600		3200		1230		817	U	46700			
PCB-5/8	PCB-5/8	ppt-TOC	10900		3510	U	569000		270000		3680		3230		2270	U	1630	U	175000			
PCB-50	62796-65-0	ppt-TOC	888		1750	U	6320		4550		1160		706	U	774	U	817	U	950			
PCB-51	68194-04-7	ppt-TOC	1800		1750	U	122000		81400		5140		909		474		817	U	16600			
PCB-52/69	35693-99-3/6023	ppt-TOC	195000		7170		3510000		2040000		847000		55700		24600		11400		273000			
PCB-53	41464-41-9	ppt-TOC	7470		1750	U	404000		253000		15000		2680		1100		817	U	35200			
PCB-54	15968-05-5	ppt-TOC	484	U	1750	U	4950		3150		437	U	706	U	774	U	817	U	961			
PCB-55	74338-24-2	ppt-TOC	1210		1750	U	40200		21500		1450		394		244		817	U	4020			
PCB-56/60	PCB-56/60	ppt-TOC	33900		2570		1730000		1000000		35400		12800		5230		817	U	169000			
PCB-57	70424-67-8	ppt-TOC	484	U	1750	U	13700		8230		2650		706	U	774	U	817	U	2860			
PCB-58	41464-49-7	ppt-TOC			1750	U	7000		3800		1720		706	U	774	U	817	U	1580			
PCB-6	25569-80-6	ppt-TOC	2540		3510	U	97500		46400		6070		1410	U	1550	U	1630	U	61100			
PCB-61/70	PCB-61/70	ppt-TOC	128000		5790		2990000		1740000		218000		28500		8970		817	U	291000			
PCB-62	54230-22-7	ppt-TOC	484	U	1750	U	5680	U	1100	U	437	U	706	U	774	U	817	U	2220	U		
PCB-63	74472-34-7	ppt-TOC	484	U	1750	U	96900		56800		4610		774		368		817	U	13200			
PCB-65	33284-54-7	ppt-TOC	484	U	1750	U	5680	U	2040		437	U	706	U	774	U	817	U	2220	U		
PCB-67	73575-53-8	ppt-TOC			1750	U	79400		48600		1550		537		301		817	U	11900			
PCB-68	73575-52-7	ppt-TOC	484	U	1750	U	15400		7230		5560		706	U	774	U	817	U	4440			
PCB-7/9	PCB-7/9	ppt-TOC	1920		3510	U	37900		17900		944	U	1410	U	1550	U	1630	U	9000			
PCB-73	74338-23-1	ppt-TOC	484	U	1750	U	5680	U	1100	U	437	U	706	U	774	U	817	U	2220	U		
PCB-74	32690-93-0	ppt-TOC	36700		2240		1270000		723000		36300		10000		3420		817	U	139000			
PCB-76/66	PCB-76/66	ppt-TOC	62400		3750		2430000		1430000		108000		19500		7230		817	U	306000			
PCB-77	32598-13-3	ppt-TOC	25400		1090		286000		190000		65300		2340		1390		817	U	52400			
PCB-78	70362-49-1	ppt-TOC	491		1750	U	5680	U	1100	U	437	U	706	U	774	U	817	U	2220	U		
PCB-79	41464-48-6	ppt-TOC	2440		1750	U	27200		13900		3650	U	743		774	U	817	U	3910			
PCB-80	33284-52-5	ppt-TOC	484	U	1750	U	5680	U	1100	U	437	U	706	U	774	U	817	U	2220	U		
PCB-81	70362-50-4	ppt-TOC	3330		1750	U	10800		6270		721		386		774	U	817	U	1070			
PCB-82	52663-62-4	ppt-TOC	24100		1750	U	390000		189000		22800		4740		1540		817	U	29600			
PCB-83	60145-20-2	ppt-TOC	484	U	1750	U	5680	U	1530		437	U	706	U	774	U	817	U	2220	U		
PCB-84/92	52663-60-2/5266	ppt-TOC	104000		3890		1220000		577000		127000		18000		4740		817	U	112000			
PCB-85/116	PCB-85/116	ppt-TOC	38200		1640		542000		253000		34600		8030		1890		817	U	46600			
PCB-86	55312-69-1	ppt-TOC	2960		1750	U	27700		12300		611		706	U	774	U	817	U	1420			
PCB-87/117/125	38380-02-8/6819	ppt-TOC	101000		3800		1180000		550000		90200		18600		4420		817	U	86700			
PCB-88/91	PCB-88/91	ppt-TOC	33900		1480		435000		214000		36700		5510		1590		817	U	52600			
PCB-89	73575-57-2	ppt-TOC	1360		1750	U	48700		22700		2040		600		774	U	817	U	3770			
PCB-90/101	PCB-90/101	ppt-TOC	285000		9460		2930000		1380000		270000		47400		12600		1930		264000			
PCB-93	73575-56-1	ppt-TOC	484	U	1750	U	5680	U	1100	U	437	U	706	U	774	U	817	U	2220	U		
PCB-94	73575-55-0	ppt-TOC	835		1750	U	16000		8860		1140		706	U	774	U	817	U	2980			
PCB-95/98/102	38379-99-6/6023	ppt-TOC	204000		7380		2240000		1070000		263000		32900		8550		817	U	199000			
PCB-96	73575-54-9	ppt-TOC	1140		1750	U	27800		12000		1960		273		774	U	817	U	2730			
PCB-97	41464-51-1	ppt-TOC	78200		2700		946000		455000		73200		14000		3870		817	U	86100			
PCB-99	38380-01-7	ppt-TOC	113000		3590		1290000		614000		106000		19900		5000		817	U	148000			
Total PCB Congeners (209)	No CAS	ppt-TOC	5460000		176000		74900000		40200000		8420000		4340000		355000		27400		9500000			
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	4860000		162000		56300000		30700000		7070000		4000000		306000		33700		6780000			

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED021		NB01SED022		NB01SED022		NB01SED022		NB01SED022		NB01SED023		NB01SED023		NB01SED023		NB01SED023				
		Sample Name	NB01SED021B-02		NB01SED022A-01		NB01SED022A-02		NB01SED022A-03		NB01SED022A-04		NB01SED023A-01		NB01SED023A-02		NB01SED023A-03		NB01SED023A-04				
		Date Collected	11/20/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005				
		Depth	0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-1	2051-60-7	ppt-TOC	76500		57400		56800		29800		24500		36300		81600		35600		4450				
PCB-100	39485-83-1	ppt-TOC	6630		19900		16000		15100		16700		10700		11200		5620		804				
PCB-103	60145-21-3	ppt-TOC	6820		19700		19000		17900		24300		15700		24400		13400		1780				
PCB-104	56558-16-8	ppt-TOC	3710	U	1070		1000		866		823		774		1720	U	2460	U	802	U			
PCB-105	32598-14-4	ppt-TOC	140000		378000		420000		479000		473000		413000		1020000		431000		83400				
PCB-106/118	PCB-106/118	ppt-TOC	390000		1160000		1270000		1300000		1550000		1020000		2320000		1220000		243000				
PCB-107/109	70424-68-9/7447	ppt-TOC	33400		90000		98800		99700		121000		78700		176000		89400		15400				
PCB-108/112	70362-41-3/7447	ppt-TOC	23500		63200		70800		73100		90700		63900		159000		71900		12000				
PCB-11	2050-67-1	ppt-TOC	138000		227000		272000		252000		367000		222000		1050000		341000		78100				
PCB-110	38380-03-9	ppt-TOC	465000		1380000		1570000		1600000		1950000		1290000		3270000		1630000		326000				
PCB-111/115	PCB-111/115	ppt-TOC	6830		23300		28000		28900		30900		23400		64000		31300		5960				
PCB-113	68194-10-5	ppt-TOC	2220		6260		4960		3450		5470		1840	U	4080		2460	U	802	U			
PCB-114	74472-37-0	ppt-TOC	7640		22300		25900		29300		28300		27600		70000		27500		5190				
PCB-119	56558-17-9	ppt-TOC	15800		46700		46000		44500		59300		30700		59200		29800		4770				
PCB-12/13	PCB-12/13	ppt-TOC	134000		125000		125000		96600		142000		90400		135000		85600		12200				
PCB-120	68194-12-7	ppt-TOC	2390		3410		2910		3930		4570		1840	U	2480		2460	U	802	U			
PCB-121	56558-18-0	ppt-TOC	3710	U	2090	U	1420	U	1400	U	1390	U	1840	U	1720	U	2460	U	802	U			
PCB-122	76842-07-4	ppt-TOC	4850		13500		15800		17100		16600		16200		39200		15500		2530				
PCB-123	65510-44-3	ppt-TOC	8060		24100		26500		26300		27300		21500		49200		23600		3660				
PCB-124	70424-70-3	ppt-TOC	14000		45100		47600		49300		55000		38600		93600		49000		10400				
PCB-126	57465-28-8	ppt-TOC	3580		5890		6000		6210		5930		5610		10600		5090		1370				
PCB-127	39635-33-1	ppt-TOC	3710	U	2090	U	1420	U	1400	U	1390	U	1840	U	1720	U	2460	U	802	U			
PCB-128/162	PCB-128/162	ppt-TOC	46700		146000		162000		167000		192000		152000		331000		181000		44200				
PCB-129	55215-18-4	ppt-TOC	10400		35900		41200		46600		52300		40700		102000		56300		14000				
PCB-130	52663-66-8	ppt-TOC	22700		57400		64800		70000		78000		64800		144000		81900		17200				
PCB-131	61798-70-7	ppt-TOC	3710	U	2090	U	1420	U	1400	U	1390	U	1840	U	1720	U	2460	U	802	U			
PCB-132/161	38380-05-1/7447	ppt-TOC	80900		236000		256000		294000		347000		271000		660000		343000		78100				
PCB-133/142	PCB-133/142	ppt-TOC	9820		25800		28200		29800		35700		28100		64800		31900		7420				
PCB-134/143	PCB-134/143	ppt-TOC	17000		49200		54400		56200		69000		52200		123000		62500		14300				
PCB-135	52744-13-5	ppt-TOC	44500		131000		139000		146000		160000		119000		257000		150000		31300				
PCB-136	38411-22-2	ppt-TOC	41600		128000		142000		152000		166000		119000		286000		164000		34300				
PCB-137	35694-06-5	ppt-TOC	11000		42700		51200		53400		62700		44300		114000		59500		16700				
PCB-138/163/164	35065-28-2/7447	ppt-TOC	316000		889000		1000000		1080000		1220000		983000		2220000		1280000		289000				
PCB-139/149	PCB-139/149	ppt-TOC	283000		816000		852000		938000		1000000		730000		1650000		981000		211000				
PCB-14	34883-41-5	ppt-TOC	7430	U	4180	U	2830	U	2790	U	2780	U	3680	U	3440	U	4910	U	1600	U			
PCB-140	59291-64-4	ppt-TOC	2700		7000		6640		7210		8430		5390		10600		7440		1630				
PCB-141	52712-04-6	ppt-TOC	40500		137000		154000		179000		194000		164000		432000		239000		56800				
PCB-144	68194-14-9	ppt-TOC	14100		38100		48400		54100		54300		40300		104000		54300		12900				
PCB-145	74472-40-5	ppt-TOC	3710	U	558		1420	U	448		523		1840	U	808		2460	U	802	U			
PCB-146/165	51908-16-8/7447	ppt-TOC	52600		134000		142000		147000		171000		140000		286000		159000		37400				
PCB-147	68194-13-8	ppt-TOC	11400		37600		35600		34200		38000		24100		47600		28300		6170				
PCB-148	74472-41-6	ppt-TOC	1480		3060		2120		1980		2620		1840		2750		1770		983				
PCB-15	2050-68-2	ppt-TOC	818000		847000		856000		652000		647000		574000		892000		261000		10700				
PCB-150	68194-08-1	ppt-TOC	1810		4530		3850		3520		4030		3010		6320		3860		1640				
PCB-151	52663-63-5	ppt-TOC	73300		204000		224000		252000		254000		196000		440000		268000		57900				
PCB-152	68194-09-2	ppt-TOC	3710	U	1430		1440		1480		1650		1130		2060		1160		178				
PCB-153	35065-27-1	ppt-TOC	316000		863000		920000		1010000		1090000		917000		2010000		1160000		283000				
PCB-154	60145-22-4	ppt-TOC	10000		27900		23700		21100		23800		16400		23700		13300		4170				
PCB-155	33979-03-2	ppt-TOC	1250		4260		4800		5790		6970		3800		3340		2460	U	802	U			
PCB-156	38380-08-4	ppt-TOC	28000		87400		94000		104000		117000		89600		219000		114000		29200				
PCB-157	69782-90-7	ppt-TOC	6860		20100		22000		24800		27600		20600		47200		25400		6510				
PCB-158/160	74472-42-7/4141	ppt-TOC	30200		95300		112000		128000		140000		109000		264000		153000		34500				
PCB-159	39635-35-3	ppt-TOC	4800		8210		9360		9140		9170		10500		20200		11600		4250				
PCB-16/32	PCB-16/32	ppt-TOC	226000		302000		353000		369000		520000		522000		2280000		800000		18600				
PCB-166	41411-63-6	ppt-TOC	1330		4520		4520		4550		5170		4200		8680		4500		1270				
PCB-167	52663-72-6	ppt-TOC	12200		39400		43200		43400		48000		39200		78800		43000		10500				
PCB-168	59291-65-5	ppt-TOC	973		2410		2240		2410		3080		2010		5000		3190		617				
PCB-169	32774-16-6	ppt-TOC	3710	U	2090	U	1420	U	1400	U	1390	U	1840	U	1720	U	2460	U	802	U			
PCB-17	37680-66-3	ppt-TOC	177000		209000		245000		254000		377000		384000		1580000		546000		12600				
PCB-170	35065-30-6	ppt-TOC	69800		183000		204000		234000		244000		205000		436000		261000		64700				
PCB-171	52663-71-5	ppt-TOC	21400		56300		62400		69700		72000		59100		130000		71900		19200				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED021		NB01SED022		NB01SED022		NB01SED022		NB01SED022		NB01SED023		NB01SED023		NB01SED023		NB01SED023			
		Sample Name	NB01SED021B-02		NB01SED022A-01		NB01SED022A-02		NB01SED022A-03		NB01SED022A-04		NB01SED023A-01		NB01SED023A-02		NB01SED023A-03		NB01SED023A-04			
		Date Collected	11/20/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005			
		Depth	0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-172	52663-74-8	ppt-TOC	12500		31500		36900		41000		42000		36400		79600		42800		12800			
PCB-173	68194-16-1	ppt-TOC	1620		4280		4760		5380		5800		5350		11800		6560		1430			
PCB-174	38411-25-5	ppt-TOC	65100		192000		213000		251000		247000		217000		520000		279000		90200			
PCB-175	40186-70-7	ppt-TOC	4430		10200		11600		12600		13800		12900		27700		15800		3790			
PCB-176	52663-65-7	ppt-TOC	11500		28100		30500		36200		39300		35700		78400		44800		11600			
PCB-177	52663-70-4	ppt-TOC	54600		133000		152000		163000		165000		143000		308000		168000		46400			
PCB-178	52663-67-9	ppt-TOC	23200		51800		54000		57600		61000		57400		117000		68100		18800			
PCB-179	52663-64-6	ppt-TOC	45700		111000		117000		135000		140000		133000		296000		168000		44200			
PCB-18	37680-65-2	ppt-TOC	282000		365000		432000		497000		767000		791000		3950000		1410000		32500			
PCB-180	35065-29-3	ppt-TOC	187000		484000		536000		603000		610000		535000		1200000		688000		219000			
PCB-181	74472-47-2	ppt-TOC	3710	U	2680		1860		1900		2620		1370		4920		2220		802	U		
PCB-182/187	PCB-182/187	ppt-TOC	145000		341000		343000		379000		400000		384000		788000		470000		137000			
PCB-183	52663-69-1	ppt-TOC	55200		134000		141000		160000		173000		160000		348000		211000		55300			
PCB-184	74472-48-3	ppt-TOC	804		1210		972		786		903		1170		1080		2460	U	258			
PCB-185	52712-05-7	ppt-TOC	7580		21900		24000		29200		27100		25500		63600		35300		12700			
PCB-186	74472-49-4	ppt-TOC	3710	U	2090	U	1420	U	1400	U	1390	U	1840	U	1720	U	2460	U	802	U		
PCB-188	74487-85-7	ppt-TOC	811		1910		1300		1060		1280		1020		1790		1090		479			
PCB-189	39635-31-9	ppt-TOC	3350		8260		8280		9760		9730		8220		17100		9630		2430			
PCB-19	38444-73-4	ppt-TOC	31400		38800		44000		46200		57300		57800		282000		85600		1980			
PCB-190	41411-64-7	ppt-TOC	16200		39600		41600		49700		50300		43100		93200		55400		14900			
PCB-191	74472-50-7	ppt-TOC	2890		8000		8880		9690		10700		8960		19000		10400		3060			
PCB-192	74472-51-8	ppt-TOC	3710	U	2090	U	1420	U	1400	U	1390	U	1840	U	1720	U	2460	U	802	U		
PCB-193	69782-91-8	ppt-TOC	9730		24700		26600		28900		29100		28000		56000		32400		8810			
PCB-194	35694-08-7	ppt-TOC	55700		131000		139000		152000		150000		130000		257000		165000		74900			
PCB-195	52663-78-2	ppt-TOC	19500		47900		47200		54500		55000		47000		101000		59400		27000			
PCB-196/203	PCB-196/203	ppt-TOC	78400		191000		185000		202000		214000		177000		342000		241000		117000			
PCB-197	33091-17-7	ppt-TOC	2570		5580		5720		6210		6570		5260		10400		7060		2940			
PCB-198	68194-17-2	ppt-TOC	3980		8680		9040		9660		11400		8700		14400		12600		7420			
PCB-199	52663-75-9	ppt-TOC	79100		191000		180000		196000		205000		170000		326000		233000		140000			
PCB-2	2051-61-8	ppt-TOC	12200		14700		16000		9720		16800		12900		19900		9810		3700			
PCB-20/21/33	38444-84-7/5570	ppt-TOC	176000		226000		260000		279000		397000		470000		2180000		775000		24700			
PCB-200	52663-73-7	ppt-TOC	6730		16500		15700		19300		18800		17600		37500		24500		10500			
PCB-201	40186-71-8	ppt-TOC	11300		24500		25700		28500		27400		25000		44000		31000		16000			
PCB-202	2136-99-4	ppt-TOC	30500		63200		62800		63400		66000		50000		80400		59200		53600			
PCB-204	74472-52-9	ppt-TOC	3710	U	2090	U	1420	U	1400	U	1390	U	1840	U	1720	U	2460	U	802	U		
PCB-205	74472-53-0	ppt-TOC	2650		5740		5720		6830		6400		6040		11500		7630		3400			
PCB-206	40186-72-9	ppt-TOC	83900		200000		171000		159000		174000		119000		195000		156000		206000			
PCB-207	52663-79-3	ppt-TOC	7390		17100		1420	U	14700		17300		11500		18400		12100		14800			
PCB-208	52663-77-1	ppt-TOC	30500		64200		56800		56200		64000		40600		56000		44500		78100			
PCB-209	2051-24-3	ppt-TOC	76300		130000		132000		120000		174000		120000		243000		206000		247000			
PCB-22	38444-85-8	ppt-TOC	186000		233000		261000		272000		373000		368000		1410000		526000		16800			
PCB-23	55720-44-0	ppt-TOC	3710	U	2090	U	984		1400	U	1010		1330		3850		1530		802	U		
PCB-24/27	PCB-24/27	ppt-TOC	52000		62100		69200		64800		81700		75700		253000		84400		2490			
PCB-25	55712-37-3	ppt-TOC	170000		169000		176000		150000		185000		170000		329000		125000		3080			
PCB-26	38444-81-4	ppt-TOC	245000		230000		242000		210000		264000		241000		576000		212000		6420			
PCB-28	7012-37-5	ppt-TOC	1050000		1250000		1300000		1240000		1550000		1660000		4160000		1750000		37200			
PCB-29	15862-07-4	ppt-TOC	3710	U	2150		2450		2310		3230		3800		16800		4320		802	U		
PCB-3	2051-62-9	ppt-TOC	40600		36600		47600		26400		29100		34000		65200		36500		7830			
PCB-30	35693-92-6	ppt-TOC	3710	U	2090	U	1420	U	1400	U	1390	U	1840	U	1720	U	2460	U	802	U		
PCB-31	16606-02-3	ppt-TOC	755000		811000		972000		893000		1260000		1100000		3910000		1390000		59600			
PCB-34	37680-68-5	ppt-TOC	7200		5840		5960		6100		9970		7910		20600		8630		802	U		
PCB-35	37680-69-6	ppt-TOC	36500		34900		57200		35500		48300		42200		89600		39600		19100			
PCB-36	38444-87-0	ppt-TOC	2220		1880		1830		1740		1670		1420		1720	U	2460	U	802	U		
PCB-37	38444-90-5	ppt-TOC	355000		432000		460000		400000		393000		439000		952000		342000		9570			
PCB-38	53555-66-1	ppt-TOC	6310		6320		7000		6860		9530		10000		20200		8440		802	U		
PCB-39	38444-88-1	ppt-TOC	4480		3880		4040		4100		4330		3500		4720		2460	U	802	U		
PCB-4/10	PCB-4/10	ppt-TOC	168000		141000		167000		117000		122000		123000		440000		105000		3980			
PCB-40	38444-93-8	ppt-TOC	66800		126000		146000		167000		207000		200000		704000		249000		8980			
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	370000		600000		692000		772000		1020000		1160000		3740000		1320000		54900			
PCB-42/59	36559-22-5/7447	ppt-TOC	146000		275000		312000		329000		440000		500000		1500000		546000		20400			
PCB-43/49	PCB-43/49	ppt-TOC	417000		789000		840000		897000		1190000		1250000		3540000		1370000		87000			

Table B-6
TOC-Normalized Congener PCBs

			Location ID		NB01SED021		NB01SED022		NB01SED022		NB01SED022		NB01SED022		NB01SED023		NB01SED023		NB01SED023		NB01SED023	
			Sample Name		NB01SED021B-02		NB01SED022A-01		NB01SED022A-02		NB01SED022A-03		NB01SED022A-04		NB01SED023A-01		NB01SED023A-02		NB01SED023A-03		NB01SED023A-04	
			Date Collected		11/20/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005	
			Depth		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	321000		674000		768000		890000		1210000		1370000		4680000		1830000		116000			
PCB-45	70362-45-7	ppt-TOC	38500		78900		94400		118000		158000		209000		780000		284000		8420			
PCB-46	41464-47-5	ppt-TOC	18300		38400		42800		50300		70700		83900		326000		121000		4190			
PCB-47	2437-79-8	ppt-TOC	215000		394000		392000		400000		500000		504000		1190000		485000		27700			
PCB-48/75	70362-47-9/3259	ppt-TOC	64300		125000		156000		185000		238000		320000		1090000		360000		10500			
PCB-5/8	PCB-5/8	ppt-TOC	325000		304000		350000		248000		274000		281000		1290000		351000		14900			
PCB-50	62796-65-0	ppt-TOC	1410		2380		2180		2520		3630		4610		13600		5180		802	U		
PCB-51	68194-04-7	ppt-TOC	24400		54200		51600		58300		76300		79100		228000		83100		2940			
PCB-52/69	35693-99-3/6023	ppt-TOC	392000		905000		980000		1110000		1460000		1570000		5000000		2070000		217000			
PCB-53	41464-41-9	ppt-TOC	51300		111000		117000		141000		188000		217000		752000		280000		11700			
PCB-54	15968-05-5	ppt-TOC	1380		3010		2350		3010		3430		4140		10000		3430		802	U		
PCB-55	74338-24-2	ppt-TOC	6180		11600		12100		11400		12400		18400		54000		18600		1350			
PCB-56/60	PCB-56/60	ppt-TOC	247000		425000		504000		514000		587000		952000		2820000		944000		41700			
PCB-57	70424-67-8	ppt-TOC	4440		6050		6760		6000		7270		9430		20600		7060		802	U		
PCB-58	41464-49-7	ppt-TOC	2190		4160		3790		3970		5430		4960		9080		3310		802	U		
PCB-6	25569-80-6	ppt-TOC	116000		97900		104000		65200		66700		63500		202000		58700		7960			
PCB-61/70	PCB-61/70	ppt-TOC	426000		784000		896000		959000		1240000		1620000		4800000		1890000		141000			
PCB-62	54230-22-7	ppt-TOC	3710	U	2090	U	1420	U	1400	U	1390	U	1840	U	1720	U	2460	U	802	U		
PCB-63	74472-34-7	ppt-TOC	21000		30200		34500		35200		43300		60000		157000		56600		2750			
PCB-65	33284-54-7	ppt-TOC	3710	U	2090	U	1420	U	1400	U	1690		1840	U	1720	U	2460	U	802	U		
PCB-67	73575-53-8	ppt-TOC	18300		27000		31000		30500		34700		53000		129000		42900		1720			
PCB-68	73575-52-7	ppt-TOC	6820		10200		9080		9210		13500		8130		12000		5140		802	U		
PCB-7/9	PCB-7/9	ppt-TOC	18200		17100		20200		15600		20600		17000		95200		29000		2700			
PCB-73	74338-23-1	ppt-TOC	3710	U	2090	U	1420	U	1400	U	1390	U	1840	U	1720	U	2460	U	802	U		
PCB-74	32690-93-0	ppt-TOC	208000		356000		412000		417000		477000		761000		2080000		725000		39200			
PCB-76/66	PCB-76/66	ppt-TOC	455000		784000		912000		897000		1100000		1510000		3800000		1440000		75800			
PCB-77	32598-13-3	ppt-TOC	125000		113000		141000		125000		131000		217000		436000		145000		52500			
PCB-78	70362-49-1	ppt-TOC	3710	U	2090	U	1420	U	1400	U	1390	U	1840	U	1720	U	2460	U	802	U		
PCB-79	41464-48-6	ppt-TOC	5530		10500		10300		10400		12900		13900		31200		12800		2920	U		
PCB-80	33284-52-5	ppt-TOC	3710	U	2090	U	1420	U	1400	U	1390	U	1840	U	1720	U	2460	U	802	U		
PCB-81	70362-50-4	ppt-TOC	1590		2460		3150		5620		3630		5700		21000		6810		838			
PCB-82	52663-62-4	ppt-TOC	41100		132000		150000		165000		186000		161000		436000		188000		26600			
PCB-83	60145-20-2	ppt-TOC	3710	U	789		912		1180		1260		1460		3220		2460	U	802	U		
PCB-84/92	52663-60-2/5266	ppt-TOC	165000		512000		568000		597000		753000		500000		1320000		623000		114000			
PCB-85/116	PCB-85/116	ppt-TOC	70600		194000		234000		246000		274000		231000		592000		260000		42500			
PCB-86	55312-69-1	ppt-TOC	1750		7210		7520		8900		8530		12000		34800		10400		1450			
PCB-87/117/125	38380-02-8/6819	ppt-TOC	125000		413000		468000		507000		577000		434000		1220000		546000		111000			
PCB-88/91	PCB-88/91	ppt-TOC	75300		237000		248000		250000		295000		208000		516000		262000		40400			
PCB-89	73575-57-2	ppt-TOC	5270		13600		16700		19300		21300		22800		65600		22500		2080			
PCB-90/101	PCB-90/101	ppt-TOC	381000		1250000		1420000		1470000		1770000		1150000		2960000		1510000		302000			
PCB-93	73575-56-1	ppt-TOC	3710	U	2090	U	1420	U	1400	U	1390	U	1840	U	1720	U	2460	U	802	U		
PCB-94	73575-55-0	ppt-TOC	4260		9840		10400		11000		12500		9130		20300		9000		1070			
PCB-95/98/102	38379-99-6/6023	ppt-TOC	273000		916000		980000		1080000		1310000		874000		2340000		1290000		215000			
PCB-96	73575-54-9	ppt-TOC	3570		8790		10100		10300		15500		11900		32200		12600		1080			
PCB-97	41464-51-1	ppt-TOC	127000		389000		448000		462000		557000		395000		1050000		482000		85800			
PCB-99	38380-01-7	ppt-TOC	221000		695000		760000		759000		927000		587000		1370000		650000		129000			
Total PCB Congeners (209)	No CAS	ppt-TOC	14600000		28300000		31200000		32200000		38700000		35600000		100000000		42800000		6190000			
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	10300000		20900000		23000000		24100000		28900000		26900000		74400000		33300000		5380000			

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED024		NB01SED024		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED026	
		Sample Name	NB01SED024B-01		NB01SED024B-02		NB01SED025B-01		NB01SED025B-02		NB01SED025B-03		NB01SED025B-04		NB01SED025B-05		NB01SED025B-06		NB01SED026A-01	
		Date Collected	11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/2/2005	
		Depth	0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	92700		71700		36400		405	U	600		716		685		1300	U	224000	
PCB-100	39485-83-1	ppt-TOC	10600		7830		11800		405	U			791	U	885	U	1300	U	23400	
PCB-103	60145-21-3	ppt-TOC	10800		7980		14800		405	U	360		791	U	885	U	1300	U	43600	
PCB-104	56558-16-8	ppt-TOC	833	U	11600	U	815		405	U			791	U	885	U	1300	U	2100	U
PCB-105	32598-14-4	ppt-TOC	209000		165000		544000		19300		27900		16900		18100		976		900000	
PCB-106/118	PCB-106/118	ppt-TOC	600000		458000		1260000		50300		70400		41900		43900		2300		2870000	
PCB-107/109	70424-68-9/7447	ppt-TOC	50800		38500		96800		2660		4530		2300		2810		1300	U	232000	
PCB-108/112	70362-41-3/7447	ppt-TOC	36400		27700		73900		2160		3330		2160		2320		1300	U	205000	
PCB-11	2050-67-1	ppt-TOC	185000		157000		295000		985	U			1580	U	1770	U	2610	U	1060000	
PCB-110	38380-03-9	ppt-TOC	713000		550000		1580000		57500		81900		51900		56100		2640		3790000	
PCB-111/115	PCB-111/115	ppt-TOC	9870		8980		32400		1620		1480		1240		973		1300	U	72600	
PCB-113	68194-10-5	ppt-TOC	2450		2500		3980		405	U			791	U	885	U	1300	U	9320	
PCB-114	74472-37-0	ppt-TOC	12300		9210		32500		1460		1930		1200		1160		1300	U	66800	
PCB-119	56558-17-9	ppt-TOC	22400		17200		32500		925		1060		755		789		1300	U	98400	
PCB-12/13	PCB-12/13	ppt-TOC	167000		144000		93900		808	U			1580	U	1770	U	2610	U	365000	
PCB-120	68194-12-7	ppt-TOC	2590		2210		2290		1260				791	U	885	U	1300	U	7790	
PCB-121	56558-18-0	ppt-TOC	833	U	11600	U	2140	U	405	U			791	U	885	U	1300	U	2100	U
PCB-122	76842-07-4	ppt-TOC	7800		5850		19800		513		1110		514		592		1300	U	40000	
PCB-123	65510-44-3	ppt-TOC	11700		9100		28000		1950		1410		788		687		1300	U	65300	
PCB-124	70424-70-3	ppt-TOC	20100		15600		51700		2360		3370		2050	U	2340		1300	U	116000	
PCB-126	57465-28-8	ppt-TOC	3810		3150		7980		405	U			295		885	U	1300	U	13800	
PCB-127	39635-33-1	ppt-TOC	833	U	11600	U	2140	U	405	U			791	U	885	U	1300	U	2100	U
PCB-128/162	PCB-128/162	ppt-TOC	74000		54800		168000		6570		10100		6530		7000		1300	U	376000	
PCB-129	55215-18-4	ppt-TOC	15600		13300		46100		1890		3230		1840		1980		1300	U	110000	
PCB-130	52663-66-8	ppt-TOC	33300		24800		69200		2380		3810		2160		2030		1300	U	159000	
PCB-131	61798-70-7	ppt-TOC	833	U	11600	U	2140	U	405	U			791	U	885	U	1300	U	1540	
PCB-132/161	38380-05-1/7447	ppt-TOC	120000		97900		283000		13000		16200		9810		11200		1300	U	684000	
PCB-133/142	PCB-133/142	ppt-TOC	14500		11600		29200		1150		1950		991		1140		1300	U	70000	
PCB-134/143	PCB-134/143	ppt-TOC	24500		18600		54600		2250		3360		2000		1900		1300	U	131000	
PCB-135	52744-13-5	ppt-TOC	68700		51700		131000		5030		6730		4580		4820		1300	U	287000	
PCB-136	38411-22-2	ppt-TOC	64700		48100		129000		5070		7110		4500		4900		1300	U	317000	
PCB-137	35694-06-5	ppt-TOC	19500		15700		50300		2790		3620		2330		2530		1300	U	126000	
PCB-138/163/164	35065-28-2/7447	ppt-TOC	492000		381000		1040000		40000		58100		35200		37100		2070		2460000	
PCB-139/149	PCB-139/149	ppt-TOC	427000		313000		814000		37000		48500		30500		31600		1830		1840000	
PCB-14	34883-41-5	ppt-TOC	1660	U	23100	U	4270	U	808	U			1580	U	1770	U	2610	U	4210	U
PCB-140	59291-64-4	ppt-TOC	3810		3100		6410		405	U			791	U	885	U	1300	U	15300	
PCB-141	52712-04-6	ppt-TOC	68700		56200		175000		8380		10900		6530		7160		1300	U	426000	
PCB-144	68194-14-9	ppt-TOC	20600		14700		46900		2070		3050		1730		2320		1300	U	108000	
PCB-145	74472-40-5	ppt-TOC	833	U	11600	U	595		405	U			791	U	885	U	1300	U	989	
PCB-146/165	51908-16-8/7447	ppt-TOC	78000		60000		140000		5430		7250		4610		5030		1300	U	342000	
PCB-147	68194-13-8	ppt-TOC	16900		13100		27600		784		1440		920		779		1300	U	62600	
PCB-148	74472-41-6	ppt-TOC	1630		1030		2190		405	U			791	U	885	U	1300	U	4870	
PCB-15	2050-68-2	ppt-TOC	1090000		912000		664000		3230		3880		3330		3470		5620		2030000	
PCB-150	68194-08-1	ppt-TOC	2210		1690		2660		405	U			791	U	885	U	1300	U	6210	
PCB-151	52663-63-5	ppt-TOC	111000		82900		219000		14600		15200		10900		10400		1300	U	487000	
PCB-152	68194-09-2	ppt-TOC	833	U	621		1360		405	U			791	U	885	U	1300	U	3030	
PCB-153	35065-27-1	ppt-TOC	476000		373000		939000		51300		62900		41600		41100		2060		2330000	
PCB-154	60145-22-4	ppt-TOC	14600		10500		15800		451		622		791	U	421		1300	U	36700	
PCB-155	33979-03-2	ppt-TOC	2030		1690		5950		405	U			791	U	885	U	1300	U	8950	
PCB-156	38380-08-4	ppt-TOC	42500		33500		94100		4330		6330		4080		4390		1300	U	223000	
PCB-157	69782-90-7	ppt-TOC	10700		8020		24100		815		2890		1590		1970		1300	U	52600	
PCB-158/160	74472-42-7/4141	ppt-TOC	46700		38100		117000		4610		7320		4190		4400		1300	U	287000	
PCB-159	39635-35-3	ppt-TOC	5960		4290		10300		3110		2730		2390		1820		1300	U	24400	
PCB-16/32	PCB-16/32	ppt-TOC	328000		252000		329000		5820		8820		3580		4770		1300	U	3340000	
PCB-166	41411-63-6	ppt-TOC	1790		1440		4640		405	U	348		791	U	885	U	1300	U	10000	
PCB-167	52663-72-6	ppt-TOC	19100		14700		41500		1520		2580		1640		1520		1300	U	97900	
PCB-168	59291-65-5	ppt-TOC	1290		1300		2200		405	U			791	U	885	U	1300	U	7160	
PCB-169	32774-16-6	ppt-TOC	833	U	477	U	797		405	U			791	U	885	U	1300	U	2100	U
PCB-17	37680-66-3	ppt-TOC	263000		196000		217000		3230		5150		2110		2820		1300	U	2710000	
PCB-170	35065-30-6	ppt-TOC	120000		87300		239000		11600		12400		9200		9080		1300	U	509000	
PCB-171	52663-71-5	ppt-TOC	33300		24800		68500		3230		3680		2700		2900		1300	U	146000	

Table B-6
TOC-Normalized Congener PCBs

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Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED024		NB01SED024		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED026	
		Sample Name	NB01SED024B-01		NB01SED024B-02		NB01SED025B-01		NB01SED025B-02		NB01SED025B-03		NB01SED025B-04		NB01SED025B-05		NB01SED025B-06		NB01SED026A-01	
		Date Collected	11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/2/2005	
		Depth	0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	460000		398000		944000		27000		36200		17700		20800		1210		5950000	
PCB-45	70362-45-7	ppt-TOC	59300		49200		122000		3180		4050		1920		2740		1300	U	1080000	
PCB-46	41464-47-5	ppt-TOC	26200		22300		50800		1510		1740		867		1030		1300	U	431000	
PCB-47	2437-79-8	ppt-TOC	302000		250000		408000		7380		7470		4250		4940		1300	U	2070000	
PCB-48/75	70362-47-9/3259	ppt-TOC	94000		78800		188000		2700		6470		2160		3520		1300	U	1460000	
PCB-5/8	PCB-5/8	ppt-TOC	418000		327000		269000		1440	U	2970		1580	U	1770	U	2610	U	1730000	
PCB-50	62796-65-0	ppt-TOC	1940		1470		2980		405	U			791	U	885	U	1300	U	22700	
PCB-51	68194-04-7	ppt-TOC	35600		29400		56600		861		1450		575		948		1300	U	359000	
PCB-52/69	35693-99-3/6023	ppt-TOC	574000		481000		1150000		45900		58200		40000		44500		18000		6470000	
PCB-53	41464-41-9	ppt-TOC	76700		61200		140000		3200		3990		1880		2850		1300	U	1040000	
PCB-54	15968-05-5	ppt-TOC	1840		1660		2860		405	U			791	U	885	U	1300	U	16900	
PCB-55	74338-24-2	ppt-TOC	7530		6670		15500		405	U	481		791	U	885	U	1300	U	44400	
PCB-56/60	PCB-56/60	ppt-TOC	343000		275000		661000		13700		20100		9340		11200		743		2840000	
PCB-57	70424-67-8	ppt-TOC	5870		4600		6290		405	U			791	U	885	U	1300	U	31700	
PCB-58	41464-49-7	ppt-TOC	2710		2540		3100		405	U			791	U	885	U	1300	U	15400	
PCB-6	25569-80-6	ppt-TOC	142000		116000		67100		808	U			1580	U	1770	U	2610	U	366000	
PCB-61/70	PCB-61/70	ppt-TOC	593000		477000		1120000		28500		41100		20900		25200		1330		5530000	
PCB-62	54230-22-7	ppt-TOC	833	U	11600	U	2140	U	405	U			791	U	885	U	1300	U	2100	U
PCB-63	74472-34-7	ppt-TOC	28600		23100		39800		739		1010		472		698		1300	U	206000	
PCB-65	33284-54-7	ppt-TOC	833	U	11600	U	2140	U	405	U			791	U	885	U	1300	U	9320	
PCB-67	73575-53-8	ppt-TOC	24400		18900		33700		405	U	662		791	U	429		1300	U	181000	
PCB-68	73575-52-7	ppt-TOC	7200		7690		5750		405	U			791	U	885	U	1300	U	27300	
PCB-7/9	PCB-7/9	ppt-TOC	21300		19000		16900		808	U			1580	U	1770	U	2610	U	206000	
PCB-73	74338-23-1	ppt-TOC	833	U	11600	U	2140	U	405	U			791	U	885	U	1300	U	2100	U
PCB-74	32690-93-0	ppt-TOC	273000		227000		527000		10800		15800		7700		9000		1300	U	2530000	
PCB-76/66	PCB-76/66	ppt-TOC	615000		498000		1080000		18000		25800		12300		15300		986		4910000	
PCB-77	32598-13-3	ppt-TOC	120000		91300		143000		1800		2160		1200		1390		1300	U	563000	
PCB-78	70362-49-1	ppt-TOC	833	U	11600	U	2140	U	405	U			791	U	885	U	1300	U	2100	U
PCB-79	41464-48-6	ppt-TOC	7070		5980		13000		561				503		471		1300	U	40400	
PCB-80	33284-52-5	ppt-TOC	833	U	11600	U	2140	U	405	U			791	U	885	U	1300	U	2100	U
PCB-81	70362-50-4	ppt-TOC	2170		1550		6080		554		382		341		318		1300	U	16200	
PCB-82	52663-62-4	ppt-TOC	70000		54600		192000		6430		9150		5250		5550		1300	U	429000	
PCB-83	60145-20-2	ppt-TOC	833	U	11600	U	1150		405	U			791	U	885	U	1300	U	3090	
PCB-84/92	52663-60-2/5266	ppt-TOC	255000		200000		575000		21000		29000		18600		20000		1170		1630000	
PCB-85/116	PCB-85/116	ppt-TOC	111000		85400		276000		8160		12400		7140		8030		1300	U	605000	
PCB-86	55312-69-1	ppt-TOC	4330		11600	U	11900		2250		526		508		511		1300	U	27000	
PCB-87/117/125	38380-02-8/6819	ppt-TOC	200000		153000		541000		21300		32500		20000		21800		1350		1130000	
PCB-88/91	PCB-88/91	ppt-TOC	121000		90200		239000		7210		10300		5920		6240		1300	U	674000	
PCB-89	73575-57-2	ppt-TOC	7600		6880		24100		405	U			536		566		1300	U	72600	
PCB-90/101	PCB-90/101	ppt-TOC	607000		473000		1360000		52800		74400		48100		49500		4160		3490000	
PCB-93	73575-56-1	ppt-TOC	833	U	11600	U	2140	U	405	U			791	U	885	U	1300	U	2100	U
PCB-94	73575-55-0	ppt-TOC	6930		5100		11200		405	U	432		791	U	885	U	1300	U	31200	
PCB-95/98/102	38379-99-6/6023	ppt-TOC	447000		337000		1070000		37900		57100		33900		36900		2120		2820000	
PCB-96	73575-54-9	ppt-TOC	4870		4980		12100		405	U	732		791	U	503		1300	U	41800	
PCB-97	41464-51-1	ppt-TOC	197000		153000		464000		16400		22700		14400		15700		730		1230000	
PCB-99	38380-01-7	ppt-TOC	341000		260000		678000		21500		30400		19400		21000		1140		1790000	
Total PCB Congeners (209)	No CAS	ppt-TOC	20600000		16300000		32700000		2720000		3290000		2280000		2260000		130000		131000000	
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	14700000		11600000		24400000		2490000		3030000		2170000		2110000		147000		96800000	

Table B-6
TOC-Normalized Congener PCBs

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Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED026		NB01SED027		NB01SED027		NB01SED027		NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED028	
		Sample Name	NB01SED026A-03		NB01SED027A-01		NB01SED027A-02		NB01SED027A-03		NB01SED028C-01		NB01SED028C-02		NB01SED028C-03		NB01SED028C-04		NB01SED028C-05			
		Date Collected	11/2/2005		11/14/2005		11/14/2005		11/14/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005			
		Depth	1.5-3.0		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-172	52663-74-8	ppt-TOC	60800		26600		14600		21600		25700		29400		41000		77100		87200			
PCB-173	68194-16-1	ppt-TOC	16200	U	3480		1840		2400		3190		3820		5480		9970		12500			
PCB-174	38411-25-5	ppt-TOC	408000		156000		82600		118000		140000		168000		250000		441000		496000			
PCB-175	40186-70-7	ppt-TOC	21700		9530		5870		7040		8680		10900		14700		26900		31000			
PCB-176	52663-65-7	ppt-TOC	62700		27800		14100		19300		22800		27500		41200		74700		85200			
PCB-177	52663-70-4	ppt-TOC	239000		117000		63200		87600		108000		124000		170000		312000		349000			
PCB-178	52663-67-9	ppt-TOC	84200		51900		29100		37600		43000		50400		66700		116000		132000			
PCB-179	52663-64-6	ppt-TOC	207000		113000		57200		78900		88600		104000		151000		264000		308000			
PCB-18	37680-65-2	ppt-TOC	2700000		633000		295000		513000		314000		408000		748000		3410000		5190000			
PCB-180	35065-29-3	ppt-TOC	935000		431000		224000		325000		375000		444000		624000		1130000		1280000			
PCB-181	74472-47-2	ppt-TOC	16200	U	1150		4070	U	7160	U	2140		1680		1770		5590		5400			
PCB-182/187	PCB-182/187	ppt-TOC	615000		344000		184000		242000		275000		324000		440000		762000		875000			
PCB-183	52663-69-1	ppt-TOC	267000		123000		70700		83100		108000		130000		187000		335000		388000			
PCB-184	74472-48-3	ppt-TOC	16200	U	1140		4070	U	7160	U	1170		1340		1180		3150		1130			
PCB-185	52712-05-7	ppt-TOC	51200		18500		9180		12800		16500		18700		27600		55600		61000			
PCB-186	74472-49-4	ppt-TOC	16200	U	4280	U	4070	U	7160	U	1910	U	1610	U	1910	U	1190	U	1160	U		
PCB-188	74487-85-7	ppt-TOC	16200	U	1280		4070	U	7160	U	1310		1200		1050		1700		2500			
PCB-189	39635-31-9	ppt-TOC	11000		6300		3660		4640		5950		6960		8900		16100		19700			
PCB-19	38444-73-4	ppt-TOC	183000		66200		31900		70400		33200		38700		67100		326000		356000			
PCB-190	41411-64-7	ppt-TOC	84200		34200		18400		7160	U	28900		36400		49500		91500		104000			
PCB-191	74472-50-7	ppt-TOC	17000		6100		4000		4960		6180		7520		10300		18700		22200			
PCB-192	74472-51-8	ppt-TOC	16200	U	4280	U	4070	U	7160	U	1910	U	1610	U	1910	U	1190	U	1160	U		
PCB-193	69782-91-8	ppt-TOC	46900		19800		11500		15800		20200		22400		31500		53800		63200			
PCB-194	35694-08-7	ppt-TOC	217000		104000		64000		85500		103000		124000		160000		282000		321000			
PCB-195	52663-78-2	ppt-TOC	81500		41800		21200		30200		37100		43600		61000		114000		123000			
PCB-196/203	PCB-196/203	ppt-TOC	396000		179000		99300		104000		142000		169000		220000		356000		417000			
PCB-197	33091-17-7	ppt-TOC	9960		7080		3170		3910		4440		5080		6760		11600		13600			
PCB-198	68194-17-2	ppt-TOC	19700		9270		4720		4620		7140		7920		11200		21100		20300			
PCB-199	52663-75-9	ppt-TOC	396000		216000		96300		123000		140000		167000		217000		324000		375000			
PCB-2	2051-61-8	ppt-TOC	19400		27500		15100		22400		16100		18100		20500		33200		31000			
PCB-20/21/33	38444-84-7/5570	ppt-TOC	1730000		121000		168000		335000		194000		251000		381000		1760000		2520000			
PCB-200	52663-73-7	ppt-TOC	35400		19500		7450		11700		12200		13900		19000		33200		38800			
PCB-201	40186-71-8	ppt-TOC	46200		29100		13200		18400		19100		23000		29100		47900		54400			
PCB-202	2136-99-4	ppt-TOC	145000		73400		35400		41800		49100		56800		67100		95300		107000			
PCB-204	74472-52-9	ppt-TOC	16200	U	4280	U	4070	U	7160	U	1910	U	1610	U	1910	U	1190	U	1160	U		
PCB-205	74472-53-0	ppt-TOC	10800		4140		2620		3090		4420		5360		7100		12800		13000			
PCB-206	40186-72-9	ppt-TOC	357000		198000		92100		116000		147000		152000		177000		225000		244000			
PCB-207	52663-79-3	ppt-TOC	27500		16200		8040		9870		13000		14700		16700		23000		24300			
PCB-208	52663-77-1	ppt-TOC	141000		67600		33300		38900		51800		55200		62900		73200		72700			
PCB-209	2051-24-3	ppt-TOC	314000		146000		82100		88500		114000		124000		150000		186000		230000			
PCB-22	38444-85-8	ppt-TOC	1150000		128000		169000		351000		204000		258000		386000		1500000		2040000			
PCB-23	55720-44-0	ppt-TOC	16200	U	4280	U	4070	U	7160	U	1910	U	1610	U	1460		4650		5460			
PCB-24/27	PCB-24/27	ppt-TOC	170000		104000		52100		95100		53200		65200		91400		376000		379000			
PCB-25	55712-37-3	ppt-TOC	250000		145000		147000		295000		147000		177000		204000		650000		594000			
PCB-26	38444-81-4	ppt-TOC	458000		201000		203000		455000		201000		241000		288000		941000		907000			
PCB-28	7012-37-5	ppt-TOC	3450000		792000		944000		1740000		1140000		1430000		1760000		5530000		6480000			
PCB-29	15862-07-4	ppt-TOC	16200	U	2860		1890		3510		1910	U	2540		3190		13100		19300			
PCB-3	2051-62-9	ppt-TOC	28000		79200		39000		70400		40100		42000		38200		90000		74700			
PCB-30	35693-92-6	ppt-TOC	16200	U	4280	U	4070	U	7160	U	1910	U	1610	U	1910	U	1190	U	1160	U		
PCB-31	16606-02-3	ppt-TOC	2680000		604000		731000		1430000		727000		864000		1250000		4440000		5420000			
PCB-34	37680-68-5	ppt-TOC	16700		6090		5540		12500		5140		6680		8290		27100		29100			
PCB-35	37680-69-6	ppt-TOC	75400		24200		25700		38400		33100		38800		64300		134000		179000			
PCB-36	38444-87-0	ppt-TOC	16200	U	4280	U	1680		2800		1890		1930		2140		3530		2320			
PCB-37	38444-90-5	ppt-TOC	777000		308000		332000		582000		406000		468000		524000		1300000		1470000			
PCB-38	53555-66-1	ppt-TOC	16800		22400		5360		4620		4730		6080		7810		23100		26800			
PCB-39	38444-88-1	ppt-TOC	16200	U	3140		3120		6670		3620		4440		4900		9740		9000			
PCB-4/10	PCB-4/10	ppt-TOC	213000		189000		141000		269000		140000		142000		166000		926000		722000			
PCB-40	38444-93-8	ppt-TOC	600000		121000		52100		149000		110000		139000		231000		718000		833000			
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	2950000		567000		422000		764000		518000		664000		1080000		3410000		3890000			
PCB-42/59	36559-22-5/7447	ppt-TOC	1120000		220000		174000		322000		229000		286000		462000		1440000		1720000			
PCB-43/49	PCB-43/49	ppt-TOC	2690000		641000		464000		896000		586000		748000		1140000		3350000		4160000			

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED026		NB01SED027		NB01SED027		NB01SED027		NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED028			
		Sample Name	NB01SED026A-03		NB01SED027A-01		NB01SED027A-02		NB01SED027A-03		NB01SED028C-01		NB01SED028C-02		NB01SED028C-03		NB01SED028C-04		NB01SED028C-05					
		Date Collected	11/2/2005		11/14/2005		11/14/2005		11/14/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005					
		Depth	1.5-3.0		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-44	41464-39-5	ppt-TOC	3540000		541000		403000		745000		532000		688000		1200000		3710000		4870000					
PCB-45	70362-45-7	ppt-TOC	588000		63300		47100		87300		66400		86400		167000		579000		753000					
PCB-46	41464-47-5	ppt-TOC	235000		25700		20100		40700		29500		36500		66200		231000		302000					
PCB-47	2437-79-8	ppt-TOC	877000		309000		234000		458000		305000		356000		476000		1350000		1480000					
PCB-48/75	70362-47-9/3259	ppt-TOC	781000		97400		89000		140000		97300		138000		261000		829000		1040000					
PCB-5/8	PCB-5/8	ppt-TOC	727000		377000		281000		524000		328000		334000		340000		1510000		1530000					
PCB-50	62796-65-0	ppt-TOC	10200		1700		1260		2710		1740		2440		3910		11900		13600					
PCB-51	68194-04-7	ppt-TOC	169000		35500		26000		49300		39700		50800		71400		199000		232000					
PCB-52/69	35693-99-3/6023	ppt-TOC	3810000		579000		472000		836000		636000		796000		1350000		4000000		5270000					
PCB-53	41464-41-9	ppt-TOC	527000		71100		58800		112000		78200		104000		176000		579000		710000					
PCB-54	15968-05-5	ppt-TOC	6880		2330		1570		2650		2630		2690		3790		9060		9080					
PCB-55	74338-24-2	ppt-TOC	51500		9670		5720		8850		8270		10600		14500		40600		47100					
PCB-56/60	PCB-56/60	ppt-TOC	2220000		377000		254000		453000		364000		444000		652000		1730000		2540000					
PCB-57	70424-67-8	ppt-TOC	20700		6020		4270		7850		5140		6200		8240		23400		21900					
PCB-58	41464-49-7	ppt-TOC	6150		2960		2370		4020		3170		3250		4620		7180		10800					
PCB-6	25569-80-6	ppt-TOC	119000		130000		97700		179000		100000		106000		91900		335000		267000					
PCB-61/70	PCB-61/70	ppt-TOC	3840000		699000		441000		784000		595000		728000		1190000		3120000		4540000					
PCB-62	54230-22-7	ppt-TOC	16200	U	4280	U	4070	U	7160	U	1910	U	1610	U	1910	U	1480		1160	U				
PCB-63	74472-34-7	ppt-TOC	128000		29900		20500		39300		25100		31300		44700		132000		154000					
PCB-65	33284-54-7	ppt-TOC	16200	U	4280	U	4070	U	7160	U	1910	U	1610	U	1710		4410		4440					
PCB-67	73575-53-8	ppt-TOC	116000		23800		17400		30700		22700		30000		38900		109000		139000					
PCB-68	73575-52-7	ppt-TOC	14700		9820		6440		15500		9730		10300		11100		23500		21100					
PCB-7/9	PCB-7/9	ppt-TOC	65800		19900		15500		28400		18800		18600		25100		147000		132000					
PCB-73	74338-23-1	ppt-TOC	16200	U	4280	U	4070	U	7160	U	1910	U	1610	U	1910	U	1190	U	1160	U				
PCB-74	32690-93-0	ppt-TOC	1690000		303000		211000		373000		295000		360000		514000		1250000		1890000					
PCB-76/66	PCB-76/66	ppt-TOC	2960000		695000		455000		844000		645000		800000		1120000		2740000		3900000					
PCB-77	32598-13-3	ppt-TOC	301000		122000		77800		137000		99100		116000		195000		329000		492000					
PCB-78	70362-49-1	ppt-TOC	16200	U	2610		4070	U	1840		1910	U	1610	U	1910	U	1190	U	1160	U				
PCB-79	41464-48-6	ppt-TOC	23700		10100		5680		6850		7640		8440		11300		23100		31000					
PCB-80	33284-52-5	ppt-TOC	16200	U	4280	U	4070	U	7160	U	1910	U	1610	U	1910	U	1190	U	1160	U				
PCB-81	70362-50-4	ppt-TOC	13400		11300		2540		7070		3320		3360		3720		12800		15800					
PCB-82	52663-62-4	ppt-TOC	363000		71800		53600		56500		87300		107000		165000		388000		505000					
PCB-83	60145-20-2	ppt-TOC	16200	U	4280	U	4070	U	7160	U	1000		776		1330		2690		3800					
PCB-84/92	52663-60-2/5266	ppt-TOC	1030000		280000		200000		251000		295000		361000		557000		1260000		1980000					
PCB-85/116	PCB-85/116	ppt-TOC	481000		120000		87600		105000		131000		160000		233000		538000		742000					
PCB-86	55312-69-1	ppt-TOC	33700		3260		3270		2890		5000		5440		9570		18100		30600					
PCB-87/117/125	38380-02-8/6819	ppt-TOC	981000		211000		157000		171000		243000		294000		438000		1070000		1520000					
PCB-88/91	PCB-88/91	ppt-TOC	392000		129000		89400		122000		130000		153000		210000		518000		882000					
PCB-89	73575-57-2	ppt-TOC	52700		8460		6100		7930		9820		13000		21000		52600		62100					
PCB-90/101	PCB-90/101	ppt-TOC	2370000		678000		482000		582000		723000		876000		1270000		2850000		4730000					
PCB-93	73575-56-1	ppt-TOC	16200	U	4280	U	4070	U	7160	U	1910	U	1610	U	1910	U	1190	U	1160	U				
PCB-94	73575-55-0	ppt-TOC	19300		6220		4770		6690		7500		8000		10100		24600		27800					
PCB-95/98/102	38379-99-6/6023	ppt-TOC	1860000		480000		345000		422000		509000		620000		962000		2210000		3580000					
PCB-96	73575-54-9	ppt-TOC	30000		6010		3410		5960		7450		8800		13700		40000		48200					
PCB-97	41464-51-1	ppt-TOC	804000		215000		156000		185000		228000		287000		411000		968000		1570000					
PCB-99	38380-01-7	ppt-TOC	1060000		381000		265000		338000		384000		464000		633000		1410000		2320000					
Total PCB Congeners (209)	No CAS	ppt-TOC	76900000		22200000		15700000		25100000		21000000		25200000		35800000		95600000		125000000					
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	57700000		15800000		11100000		17400000		15300000		18600000		26500000		68500000		92100000					

Table B-6
TOC-Normalized Congener PCBs

			Location ID	NB01SED028		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED030		NB01SED030	
			Sample Name	NB01SED028C-06		NB01SED029C-01		NB01SED029C-02		NB01SED029C-03		NB01SED029C-04		NB01SED029C-05		NB01SED029C-06		NB01SED030B-01		NB01SED030B-02	
			Date Collected	11/9/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
			Depth	5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5		4.5-5.5		0.0-0.5		0.5-1.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	2080		96100		98000		83300		94700		68000		69000		80800		104000	
PCB-100	39485-83-1	ppt-TOC	1990	U	14200		12900		11000		12100		11500		12200		11400		9630	
PCB-103	60145-21-3	ppt-TOC	1990	U	12600		13100		12000		13600		14900		18900		9920		9630	
PCB-104	56558-16-8	ppt-TOC	1990	U	1430		1740		2630	U	1760		2110	U	2020	U	3100	U	2160	U
PCB-105	32598-14-4	ppt-TOC	18300		251000		247000		226000		251000		271000		275000		208000		167000	
PCB-106/118	PCB-106/118	ppt-TOC	51000		717000		740000		654000		721000		810000		871000		602000		494000	
PCB-107/109	70424-68-9/7447	ppt-TOC	4200		60000		64800		57700		61100		70000		78100		49200		44500	
PCB-108/112	70362-41-3/7447	ppt-TOC	3630		41200		45300		40400		45100		48500		58600		34200		31500	
PCB-11	2050-67-1	ppt-TOC	26600		256000		279000		313000		382000		350000		390000		201000		176000	
PCB-110	38380-03-9	ppt-TOC	71900		878000		920000		833000		921000		1030000		1180000		728000		626000	
PCB-111/115	PCB-111/115	ppt-TOC	1650		13900		13700		12900		15100		15400		16400		11800		8000	
PCB-113	68194-10-5	ppt-TOC	1990	U	3770		4230		3370		3910		3870		5330		3540		2140	
PCB-114	74472-37-0	ppt-TOC	1720		14100		15200		13400		13100		15200		16900		11800		9840	
PCB-119	56558-17-9	ppt-TOC	1650		27400		30100		27700		28500		32300		41300		22100		20900	
PCB-12/13	PCB-12/13	ppt-TOC	10500		188000		205000		165000		182000		178000		212000		157000		173000	
PCB-120	68194-12-7	ppt-TOC	1990	U	3800		4570		3790		4070		4490		5810		2980		2890	
PCB-121	56558-18-0	ppt-TOC	1990	U	2360	U	2850	U	2630	U	2140	U	2110	U	2020	U	3100	U	2160	U
PCB-122	76842-07-4	ppt-TOC	824		8890		8930		8400		9470		9100		10900		7650		6110	
PCB-123	65510-44-3	ppt-TOC	1180		13500		14300		13100		14700		14800		15000		11600		9530	
PCB-124	70424-70-3	ppt-TOC	2900		23400		23900		21000		25500		25600		26600		20600		15600	
PCB-126	57465-28-8	ppt-TOC	1990	U	4800		5150		4510		4490		5200		4760		4490		3080	
PCB-127	39635-33-1	ppt-TOC	1990	U	2360	U	2850	U	2630	U	2140	U	2110	U	2020	U	3100	U	2160	U
PCB-128/162	PCB-128/162	ppt-TOC	6000		88900		92000		81300		88900		99500		111000		74300		60000	
PCB-129	55215-18-4	ppt-TOC	1600		21100		20500		17100		20300		22300		24500		17400		13300	
PCB-130	52663-66-8	ppt-TOC	2830		41700		42200		38800		42200		47100		53300		33500		28400	
PCB-131	61798-70-7	ppt-TOC	1990	U	2360	U	2850	U	2630	U	2140	U	2110	U	2020	U	3100	U	2160	U
PCB-132/161	38380-05-1/7447	ppt-TOC	10800		157000		163000		143000		161000		184000		203000		127000		103000	
PCB-133/142	PCB-133/142	ppt-TOC	1270		18800		18200		16700		18200		19700		22300		14200		12200	
PCB-134/143	PCB-134/143	ppt-TOC	2430		31200		30700		27500		30700		34400		40200		23500		20900	
PCB-135	52744-13-5	ppt-TOC	4900	U	84400		90000		80700		88900		103000		111000		71000		58900	
PCB-136	38411-22-2	ppt-TOC	6140		79400		86700		76000		84200		100000		112000		68100		54700	
PCB-137	35694-06-5	ppt-TOC	2360		24300		24000		21300		24600		26200		28700		19700		17200	
PCB-138/163/164	35065-28-2/7447	ppt-TOC	38700		633000		636000		585000		632000		705000		776000		508000		424000	
PCB-139/149	PCB-139/149	ppt-TOC	36300		528000		574000		517000		563000		645000		724000		449000		367000	
PCB-14	34883-41-5	ppt-TOC	3980	U	4710	U	5690	U	5260	U	4270	U	4210	U	4030	U	6200	U	4320	U
PCB-140	59291-64-4	ppt-TOC	1990	U	4560		4970		4300		4950		5700		7290		4610		3250	
PCB-141	52712-04-6	ppt-TOC	6290		93900		90000		78700		90000		98000		108000		70000		58900	
PCB-144	68194-14-9	ppt-TOC	2320		26300		29300		26100		30200		32700		36400		22300		17200	
PCB-145	74472-40-5	ppt-TOC	1990	U	2360	U	2850	U	2630	U	2140	U	2110	U	2020	U	3100	U	2160	U
PCB-146/165	51908-16-8/7447	ppt-TOC	5810		101000		101000		92700		98400		116000		131000		80000		67400	
PCB-147	68194-13-8	ppt-TOC	1340		22300		23300		21100		22500		24300		26700		20200		15500	
PCB-148	74472-41-6	ppt-TOC	1990	U	2470		2460		2290		2790		2730		3230		2320		1570	
PCB-15	2050-68-2	ppt-TOC	36900		1190000		1240000		1020000		1080000		1130000		1170000		1040000		1040000	
PCB-150	68194-08-1	ppt-TOC	1990	U	2870		3370		2710		2660		3100		3520		2840		1860	
PCB-151	52663-63-5	ppt-TOC	9860		142000		150000		139000		149000		174000		198000		118000		95300	
PCB-152	68194-09-2	ppt-TOC	1990	U	1080		1150		960		1120		1240		1230		3100	U	768	
PCB-153	35065-27-1	ppt-TOC	36600		611000		629000		556000		616000		680000		752000		494000		396000	
PCB-154	60145-22-4	ppt-TOC	1990	U	17700		19500		18500		17900		20500		22900		16100		13600	
PCB-155	33979-03-2	ppt-TOC	1990	U	2920		3220		2680		3320		3990		4810		2620		1910	
PCB-156	38380-08-4	ppt-TOC	3580		52800		55100		47200		50400		56500		61400		44200		34600	
PCB-157	69782-90-7	ppt-TOC	933		12600		12500		11700		11800		13800		14400		10500		8420	
PCB-158/160	74472-42-7/4141	ppt-TOC	5000		60600		61400		55600		61600		67500		75700		48800		39500	
PCB-159	39635-35-3	ppt-TOC	1990	U	8220		8330		7470		7840		8750		9430		6020		4950	
PCB-16/32	PCB-16/32	ppt-TOC	44100		347000		368000		320000		353000		398000		431000		297000		328000	
PCB-166	41411-63-6	ppt-TOC	1990	U	2290		2370		1730		2350		2470		2630		1780		1320	
PCB-167	52663-72-6	ppt-TOC	1620		23500		24700		22300		23400		26200		28200		19800		15600	
PCB-168	59291-65-5	ppt-TOC	1990	U	1260		1330		2630	U	1480		1470		2190		1320		789	
PCB-169	32774-16-6	ppt-TOC	1990	U	2360	U	2850	U	657	U	2140	U	720	U	2020	U	3100	U	2160	U
PCB-17	37680-66-3	ppt-TOC	31600		265000		297000		250000		272000		303000		333000		234000		262000	
PCB-170	35065-30-6	ppt-TOC	8710		142000		145000		127000		138000		164000		191000		114000		93200	
PCB-171	52663-71-5	ppt-TOC	2590		42600		44600		39300		41500		50500		57100		33600		27400	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED028		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED030		NB01SED030			
		Sample Name	NB01SED028C-06		NB01SED029C-01		NB01SED029C-02		NB01SED029C-03		NB01SED029C-04		NB01SED029C-05		NB01SED029C-06		NB01SED030B-01		NB01SED030B-02					
		Date Collected	11/9/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005					
		Depth	5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5		4.5-5.5		0.0-0.5		0.5-1.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-172	52663-74-8	ppt-TOC	1990	U	25800		26800		23400		26100		30100		33300		20200		16400					
PCB-173	68194-16-1	ppt-TOC	1990	U	3360		3420		2750		3330		3920		4030		2150		2310					
PCB-174	38411-25-5	ppt-TOC	7430		150000		155000		132000		146000		176000		201000		117000		96300					
PCB-175	40186-70-7	ppt-TOC	1990	U	8110		9530		8400		9050		10100		12300		7660		5840					
PCB-176	52663-65-7	ppt-TOC	1620		23100		25100		21200		23500		28500		32700		19800		16000					
PCB-177	52663-70-4	ppt-TOC	5620		109000		115000		101000		109000		131000		143000		86900		71100					
PCB-178	52663-67-9	ppt-TOC	2400		42300		45100		41300		43300		52500		56700		37500		30400					
PCB-179	52663-64-6	ppt-TOC	5100		88900		93300		82700		90500		109000		123000		75900		62100					
PCB-18	37680-65-2	ppt-TOC	70500		424000		462000		405000		428000		496000		548000		368000		394000					
PCB-180	35065-29-3	ppt-TOC	19900		382000		409000		362000		382000		453000		505000		313000		251000					
PCB-181	74472-47-2	ppt-TOC	1990	U	933		1390		1240		947		1540		1790		3100	U	895					
PCB-182/187	PCB-182/187	ppt-TOC	13600		279000		297000		269000		281000		343000		370000		242000		197000					
PCB-183	52663-69-1	ppt-TOC	6480		107000		115000		100000		108000		133000		148000		93100		73700					
PCB-184	74472-48-3	ppt-TOC	1990	U	1240		1170		1070		1340		1130		1320		1390		974					
PCB-185	52712-05-7	ppt-TOC	1180		16900		17700		15000		15700		18900		20700		14200		10700					
PCB-186	74472-49-4	ppt-TOC	1990	U	2360	U	2850	U	2630	U	2140	U	2110	U	2020	U	3100	U	2160	U				
PCB-188	74487-85-7	ppt-TOC	1990	U	1280		1240		1330		1190		1340		1230		1410		1030					
PCB-189	39635-31-9	ppt-TOC	1990	U	5720		6330		5730		5890		7050		7670		4850		3870					
PCB-19	38444-73-4	ppt-TOC	6140		45700		50200		40100		51700		50000		58100		39000		48900					
PCB-190	41411-64-7	ppt-TOC	1860		30500		31700		28100		29600		35200		41100		25500		20300					
PCB-191	74472-50-7	ppt-TOC	1990	U	6000		6130		5670		6160		7300		8240		5280		3840					
PCB-192	74472-51-8	ppt-TOC	1990	U	2360	U	2850	U	2630	U	2140	U	2110	U	2020	U	3100	U	2160	U				
PCB-193	69782-91-8	ppt-TOC	1180		19600		20700		18000		19200		23000		25100		15300		12800					
PCB-194	35694-08-7	ppt-TOC	5570		107000		113000		105000		107000		127000		141000		89200		69500					
PCB-195	52663-78-2	ppt-TOC	1990	U	39900		41300		36500		38300		46400		50000		31500		25800					
PCB-196/203	PCB-196/203	ppt-TOC	7190		153000		163000		152000		146000		170000		192000		125000		96800					
PCB-197	33091-17-7	ppt-TOC	1990	U	4910		4830		4840		4590		5650		6570		4440		3270					
PCB-198	68194-17-2	ppt-TOC	1990	U	7500		7530		7730		7420		8250		8900		6520		4980					
PCB-199	52663-75-9	ppt-TOC	6330		153000		162000		155000		147000		172000		196000		125000		103000					
PCB-2	2051-61-8	ppt-TOC	1900		17100		19500		20100		25900		22700		27000		14900		13500					
PCB-20/21/33	38444-84-7/5570	ppt-TOC	32500		262000		279000		234000		258000		288000		312000		211000		205000					
PCB-200	52663-73-7	ppt-TOC	1990	U	13600		13800		12900		12500		15800		17400		11000		8530					
PCB-201	40186-71-8	ppt-TOC	1260		20800		22900		20100		20000		25000		26800		17900		13500					
PCB-202	2136-99-4	ppt-TOC	1990	U	52700		56100		52800		49900		56500		63300		45000		33600					
PCB-204	74472-52-9	ppt-TOC	1990	U	2360	U	2850	U	2630	U	2140	U	2110	U	2020	U	3100	U	2160	U				
PCB-205	74472-53-0	ppt-TOC	1990	U	4560		5090		4550		5120		5900		5950		4400		2950					
PCB-206	40186-72-9	ppt-TOC	4220		149000		165000		161000		137000		144000		193000		128000		95800					
PCB-207	52663-79-3	ppt-TOC	1990	U	13600		14700		14000		12800		13400		17800		12200		8790					
PCB-208	52663-77-1	ppt-TOC	1530		53600		56400		57000		49700		50000		70000		47800		34700					
PCB-209	2051-24-3	ppt-TOC	8860		124000		131000		137000		127000		130000		152000		105000		76800					
PCB-22	38444-85-8	ppt-TOC	27100		269000		291000		245000		260000		308000		326000		225000		211000					
PCB-23	55720-44-0	ppt-TOC	1990	U	844		2850	U	2630	U	889		2110	U	1180		3100	U	2160	U				
PCB-24/27	PCB-24/27	ppt-TOC	6100		76100		81300		68000		75300		80000		88100		65800		76300					
PCB-25	55712-37-3	ppt-TOC	10400		226000		245000		196000		214000		233000		242000		190000		191000					
PCB-26	38444-81-4	ppt-TOC	14200		319000		341000		260000		293000		304000		320000		258000		268000					
PCB-28	7012-37-5	ppt-TOC	101000		1510000		1610000		1370000		1410000		1650000		1730000		1250000		1210000					
PCB-29	15862-07-4	ppt-TOC	1990	U	2370		3110		2310		2540		2750		3050		2220		2040					
PCB-3	2051-62-9	ppt-TOC	3000		55100		60300		50500		55800		46900		54300		46800		53200					
PCB-30	35693-92-6	ppt-TOC	1990	U	2360	U	2850	U	2630	U	2140	U	2110	U	2020	U	3100	U	2160	U				
PCB-31	16606-02-3	ppt-TOC	74300		1090000		1150000		933000		1030000		1120000		1240000		900000		858000					
PCB-34	37680-68-5	ppt-TOC	1990	U	8440		9670		7130		8320		8600		10100		6760		7260					
PCB-35	37680-69-6	ppt-TOC	3250	U	38500		46700		52400		46100		46500		48600		32600		32900					
PCB-36	38444-87-0	ppt-TOC	1990	U	2170		2350		2520		2360		2540		2500		2120		1960					
PCB-37	38444-90-5	ppt-TOC	26900		517000		523000		471000		509000		565000		567000		432000		430000					
PCB-38	53555-66-1	ppt-TOC	1990	U	9220		9930		7470		8530		8600		8670		5650		5950					
PCB-39	38444-88-1	ppt-TOC	1990	U	4820		5750		5070		5090		5600		6330		4410		4790					
PCB-4/10	PCB-4/10	ppt-TOC	12400	U	199000		226000		183000		226000		198000		207000		199000		234000					
PCB-40	38444-93-8	ppt-TOC	13700		120000		125000		113000		121000		150000		173000		100000		97400					
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	59000		683000		727000		649000		689000		820000		905000		564000		553000					
PCB-42/59	36559-22-5/7447	ppt-TOC	24700		261000		269000		249000		265000		337000		382000		215000		213000					
PCB-43/49	PCB-43/49	ppt-TOC	61900		700000		760000		657000		700000		850000		981000		608000		600000					

Table B-6
TOC-Normalized Congener PCBs

			Location ID		NB01SED028		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED030		NB01SED030	
			Sample Name		NB01SED028C-06		NB01SED029C-01		NB01SED029C-02		NB01SED029C-03		NB01SED029C-04		NB01SED029C-05		NB01SED029C-06		NB01SED030B-01		NB01SED030B-02	
			Date Collected		11/9/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
			Depth		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5		4.5-5.5		0.0-0.5		0.5-1.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	70500		594000		618000		563000		611000		770000		881000		498000		467000	
PCB-45	70362-45-7	ppt-TOC	10900		67200		74700		66500		74200		95000		115000		57300		56300	
PCB-46	41464-47-5	ppt-TOC	4540		32000		32100		28300		33000		40800		48100		26200		26800	
PCB-47	2437-79-8	ppt-TOC	23600		366000		379000		323000		356000		410000		464000		312000		311000	
PCB-48/75	70362-47-9/3259	ppt-TOC	15000		117000		129000		121000		125000		159000		187000		97700		100000	
PCB-5/8	PCB-5/8	ppt-TOC	24700		430000		483000		368000		421000		395000		430000		366000		415000	
PCB-50	62796-65-0	ppt-TOC	1990	U	2020		2250		1860		2440		2580		3530		2010		1930	
PCB-51	68194-04-7	ppt-TOC	3400		47700		46700		37700		46400		49500		59000		36500		38700	
PCB-52/69	35693-99-3/6023	ppt-TOC	85200		706000		753000		662000		716000		875000		1020000		594000		568000	
PCB-53	41464-41-9	ppt-TOC	10600		91700		96000		81300		95800		113000		131000		74100		77400	
PCB-54	15968-05-5	ppt-TOC	1990	U	2880		2810		2110		2880		2240		3000		1920		2240	
PCB-55	74338-24-2	ppt-TOC	1990	U	9220		10100		8600		9790		9450		10900		7060		6370	
PCB-56/60	PCB-56/60	ppt-TOC	37200		399000		425000		373000		407000		467000		495000		325000		295000	
PCB-57	70424-67-8	ppt-TOC	1990	U	6440		7270		5910		6470		7300		7570		5250		5630	
PCB-58	41464-49-7	ppt-TOC	1990	U	3530		3410		3120		3870		4170		5810		2950		2750	
PCB-6	25569-80-6	ppt-TOC	3980	U	149000		163000		126000		148000		129000		137000		127000		145000	
PCB-61/70	PCB-61/70	ppt-TOC	65700		689000		727000		645000		711000		815000		890000		548000		513000	
PCB-62	54230-22-7	ppt-TOC	1990	U	2360	U	2850	U	2630	U	2140	U	2110	U	2020	U	3100	U	2160	U
PCB-63	74472-34-7	ppt-TOC	2590		32200		33900		29900		33300		37000		40400		25500		25900	
PCB-65	33284-54-7	ppt-TOC	1990	U	2360	U	2850	U	2630	U	2140	U	2110	U	2020	U	3100	U	2160	U
PCB-67	73575-53-8	ppt-TOC	2360		26900		29500		25900		28000		32500		32700		22000		20700	
PCB-68	73575-52-7	ppt-TOC	1990	U	10500		11300		9870		10100		12200		13000		9000		9420	
PCB-7/9	PCB-7/9	ppt-TOC	3980	U	24300		24100		23100		24500		22300		25500		19600		21200	
PCB-73	74338-23-1	ppt-TOC	1990	U	2360	U	2850	U	2630	U	2140	U	2110	U	2020	U	3100	U	2160	U
PCB-74	32690-93-0	ppt-TOC	27900		331000		349000		318000		353000		400000		429000		268000		248000	
PCB-76/66	PCB-76/66	ppt-TOC	57600		706000		767000		693000		747000		865000		971000		579000		532000	
PCB-77	32598-13-3	ppt-TOC	7240		133000		163000		127000		131000		129000		138000		105000		104000	
PCB-78	70362-49-1	ppt-TOC	1990	U	2360	U	2850	U	2630	U	2140	U	2110	U	2020	U	3100	U	2160	U
PCB-79	41464-48-6	ppt-TOC	1990	U	9560		10100		9330		9840		9750		12200		6690		6260	
PCB-80	33284-52-5	ppt-TOC	1990	U	2360	U	2850	U	2630	U	2140	U	2110	U	2020	U	3100	U	2160	U
PCB-81	70362-50-4	ppt-TOC	1990	U	2280		2170		1910		3860		2740		2110		2750		1640	
PCB-82	52663-62-4	ppt-TOC	8480		82200		86000		75300		88400		99500		105000		69300		55300	
PCB-83	60145-20-2	ppt-TOC	1990	U	617		2850	U	2630	U	2140	U	2110	U	2020	U	3100	U	2160	U
PCB-84/92	52663-60-2/5266	ppt-TOC	28400		304000		327000		295000		328000		372000		441000		252000		221000	
PCB-85/116	PCB-85/116	ppt-TOC	11200		133000		139000		125000		139000		157000		170000		114000		93200	
PCB-86	55312-69-1	ppt-TOC	1990	U	4280		4090		3640		3990		4500		4520		3460		2840	
PCB-87/117/125	38380-02-8/6819	ppt-TOC	21600		244000		250000		225000		254000		277000		298000		207000		163000	
PCB-88/91	PCB-88/91	ppt-TOC	13300		142000		147000		131000		143000		171000		196000		114000		102000	
PCB-89	73575-57-2	ppt-TOC	1280		9890		9730		9670		11000		11900		14700		8080		6580	
PCB-90/101	PCB-90/101	ppt-TOC	65700		739000		787000		700000		779000		875000		1020000		613000		508000	
PCB-93	73575-56-1	ppt-TOC	1990	U	2360	U	2850	U	2630	U	2140	U	2110	U	2020	U	3100	U	2160	U
PCB-94	73575-55-0	ppt-TOC	1990	U	8610		9470		6930		8470		8750		10400		6400		6370	
PCB-95/98/102	38379-99-6/6023	ppt-TOC	51900		542000		558000		499000		553000		650000		781000		428000		372000	
PCB-96	73575-54-9	ppt-TOC	1990	U	7390		7930		5630		6680		8550		7570		5600		5040	
PCB-97	41464-51-1	ppt-TOC	21800		234000		252000		228000		254000		285000		333000		197000		166000	
PCB-99	38380-01-7	ppt-TOC	33000		407000		429000		389000		431000		487000		571000		338000		292000	
Total PCB Congeners (209)	No CAS	ppt-TOC	1840000		24400000		25800000		22700000		24600000		27700000		30800000		20300000		18700000	
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	1380000		17300000		18400000		16200000		17300000		19800000		22000000		14400000		12900000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED031		NB01SED031		NB01SED031		NB01SED032		NB01SED032		NB01SED032		NB01SED032		NB01SED033A		NB01SED033A					
		Sample Name	NB01SED031A-01		NB01SED031A-02		NB01SED031A-03		NB01SED032A-01		NB01SED032A-02		NB01SED032A-03		NB01SED032A-04		NB01SED033AD-01		NB01SED033AD-02					
		Date Collected	11/14/2005		11/14/2005		11/14/2005		11/13/2005		11/13/2005		11/13/2005		11/13/2005		12/11/2005		12/11/2005					
		Depth	0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-1	2051-60-7	ppt-TOC	56300		59400		36900		82700		86000		119000		120000		55600		72000					
PCB-100	39485-83-1	ppt-TOC	8210		8810		6380		13300		20100		21300		33900		13900		10400					
PCB-103	60145-21-3	ppt-TOC	8110		8880		7050		12900		24100		42300		77900		10800		9850					
PCB-104	56558-16-8	ppt-TOC	2250	U	1100		1190		991		1250		645		604		2460	U	1200					
PCB-105	32598-14-4	ppt-TOC	159000		170000		113000		246000		600000		1110000		2140000		206000		180000					
PCB-106/118	PCB-106/118	ppt-TOC	435000		476000		345000		718000		1570000		2930000		5880000		530000		467000					
PCB-107/109	70424-68-9/7447	ppt-TOC	36800		40600		30400		56800		124000		215000		421000		44800		41700					
PCB-108/112	70362-41-3/7447	ppt-TOC	25200		28700		20500		40400		93000		188000		359000		32800		29100					
PCB-11	2050-67-1	ppt-TOC	138000		157000		126000		250000		770000		1590000		2270000		168000		158000					
PCB-110	38380-03-9	ppt-TOC	522000		587000		425000		886000		1920000		3740000		7540000		659000		575000					
PCB-111/115	PCB-111/115	ppt-TOC	8370		9060		6620		11900		31000		78400		176000		11500		10200					
PCB-113	68194-10-5	ppt-TOC	2610		3220		2430		1780	U	2120	U	2570	U	3590	U	3630		2720					
PCB-114	74472-37-0	ppt-TOC	9320		9750		7290		14100		39500		69000		128000		10800		9700					
PCB-119	56558-17-9	ppt-TOC	16500		19400		14500		23900		46000		81900		155000		21400		19400					
PCB-12/13	PCB-12/13	ppt-TOC	96800		124000		84300		126000		260000		635000		758000		111000		128000					
PCB-120	68194-12-7	ppt-TOC	1870		2080		2210		1000		1770		3260		5170		1840		2600					
PCB-121	56558-18-0	ppt-TOC	2250	U	2510	U			1780	U	2120	U	2570	U	3590	U	2460	U	2080	U				
PCB-122	76842-07-4	ppt-TOC	6160		6500		4240		9950		21000		41900		86700		7940		7300					
PCB-123	65510-44-3	ppt-TOC	8740		8940		7000		12700		29100		71300		101000		10900		10300					
PCB-124	70424-70-3	ppt-TOC	15600		16400		11000		27300		65500		134000		251000		22000		16200					
PCB-126	57465-28-8	ppt-TOC	2820		3290		2680		5050		9900		14100		26300		4220		3540					
PCB-127	39635-33-1	ppt-TOC	2250	U	2510	U			1780	U	2120	U	2570	U	3590	U	2460	U	2080	U				
PCB-128/162	PCB-128/162	ppt-TOC	55300		57900		43700		110000		249000		413000		813000		76500		63500					
PCB-129	55215-18-4	ppt-TOC	12500		13600		10000		23200		57000		102000		200000		18000		15400					
PCB-130	52663-66-8	ppt-TOC	24700		27500		20000		41400		89500		157000		313000		35100		31100					
PCB-131	61798-70-7	ppt-TOC	2250	U	2510	U			1780	U	2120	U	806		858		2460	U	2080	U				
PCB-132/161	38380-05-1/7447	ppt-TOC	92600		105000		77100		179000		421000		781000		1480000		137000		120000					
PCB-133/142	PCB-133/142	ppt-TOC	11200		12600		9240		21400		47100		78700		151000		16100		14400					
PCB-134/143	PCB-134/143	ppt-TOC	17800		21300		14000		35700		81000		135000		286000		29100		25000					
PCB-135	52744-13-5	ppt-TOC	51000		56100		41700		107000		241000		339000		646000		70000		63000					
PCB-136	38411-22-2	ppt-TOC	48600		54000		41600		101000		244000		326000		654000		68200		60000					
PCB-137	35694-06-5	ppt-TOC	14400		15600		11900		27300		74500		126000		240000		20100		17900					
PCB-138/163/164	35065-28-2/7447	ppt-TOC	371000		408000		296000		677000		1530000		2540000		4880000		528000		450000					
PCB-139/149	PCB-139/149	ppt-TOC	325000		355000		272000		677000		1540000		1990000		3750000		459000		388000					
PCB-14	34883-41-5	ppt-TOC	4510	U	5010	U			3550	U	4240	U	5130	U	7170	U	4920	U	4160	U				
PCB-140	59291-64-4	ppt-TOC	2860		3180		2780		5360		10200		5130		10800		4740		3890					
PCB-141	52712-04-6	ppt-TOC	51700		57800		43100		110000		275000		471000		796000		79400		67000					
PCB-144	68194-14-9	ppt-TOC	15800		16600		14400		32800		84000		105000		214000		22500		19400					
PCB-145	74472-40-5	ppt-TOC	2250	U	2510	U			1780	U	670		977		1750		2460	U	2080	U				
PCB-146/165	51908-16-8/7447	ppt-TOC	58900		65000		49000		111000		235000		365000		663000		87100		76500					
PCB-147	68194-13-8	ppt-TOC	13600		15000		11500		25900		45900		47400		108000		20800		17000					
PCB-148	74472-41-6	ppt-TOC	1390		1360		1400		2090		4140		2510		5540		1860		1890					
PCB-15	2050-68-2	ppt-TOC	637000		788000		552000		850000		1410000		2590000		2750000		694000		790000					
PCB-150	68194-08-1	ppt-TOC	2320		1830		1460		3350		5000		4970		11800		2730		2470					
PCB-151	52663-63-5	ppt-TOC	87400		94400		71400		192000		431000		568000		1040000		121000		105000					
PCB-152	68194-09-2	ppt-TOC	689		688		662		1310		2480		2770		4920		953		850					
PCB-153	35065-27-1	ppt-TOC	362000		399000		292000		691000		1520000		2420000		4460000		526000		460000					
PCB-154	60145-22-4	ppt-TOC	11800		12800		10200		20800		31200		31800		60400		17400		14200					
PCB-155	33979-03-2	ppt-TOC	2250	U	2120		1790		5500		36700		4260		2050		2750		2690					
PCB-156	38380-08-4	ppt-TOC	31900		33400		25200		61800		147000		248000		463000		45300		40000					
PCB-157	69782-90-7	ppt-TOC	8160		7880		6430		14700		33700		54200		102000		10600		10200					
PCB-158/160	74472-42-7/4141	ppt-TOC	35800		39100		30500		66800		166000		276000		554000		54000		45200					
PCB-159	39635-35-3	ppt-TOC	4840		5460		3920		8820		16700		23200		34100		7760		6950					
PCB-16/32	PCB-16/32	ppt-TOC	196000		236000		163000		423000		1740000		2740000		4880000		240000		269000					
PCB-166	41411-63-6	ppt-TOC	1230		1520		1400		2430		6050		9770		17500		1860		1990					
PCB-167	52663-72-6	ppt-TOC	14700		15000		11600		28200		63000		103000		198000		20900		17800					
PCB-168	59291-65-5	ppt-TOC	2250	U	1360		1100		1130		1960		2360		5330		3040		1790					
PCB-169	32774-16-6	ppt-TOC	2250	U	2510	U			1780	U	2120	U	2570	U	3590	U	2460	U	2080	U				
PCB-17	37680-66-3	ppt-TOC	148000		186000		131000		290000		1190000		1970000		3250000		185000		219000					
PCB-170	35065-30-6	ppt-TOC	86800		92500		71000		176000		390000		600000		942000		124000		108000					
PCB-171	52663-71-5	ppt-TOC	25400		28600		21600		52700		121000		178000		297000		35900		30700					

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED031		NB01SED031		NB01SED031		NB01SED032		NB01SED032		NB01SED032		NB01SED032		NB01SED033A		NB01SED033A					
		Sample Name	NB01SED031A-01		NB01SED031A-02		NB01SED031A-03		NB01SED032A-01		NB01SED032A-02		NB01SED032A-03		NB01SED032A-04		NB01SED033AD-01		NB01SED033AD-02					
		Date Collected	11/14/2005		11/14/2005		11/14/2005		11/13/2005		11/13/2005		11/13/2005		11/13/2005		12/11/2005		12/11/2005					
		Depth	0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-172	52663-74-8	ppt-TOC	14900		16600		13300		31600		73000		105000		164000		21700		19200					
PCB-173	68194-16-1	ppt-TOC	2070		2400		2000		3770		8700		10200		19800		3080		2630					
PCB-174	38411-25-5	ppt-TOC	88400		96900		76700		180000		393000		571000		875000		127000		109000					
PCB-175	40186-70-7	ppt-TOC	5240		5670		4580		10300		23200		52900		68800		6710		6650					
PCB-176	52663-65-7	ppt-TOC	14400		15300		12400		27800		64000		95500		155000		19800		18000					
PCB-177	52663-70-4	ppt-TOC	67400		72500		57100		139000		294000		429000		675000		89400		78000					
PCB-178	52663-67-9	ppt-TOC	26500		28600		21700		52300		111000		156000		246000		36000		33100					
PCB-179	52663-64-6	ppt-TOC	55300		59600		45000		116000		247000		371000		579000		75300		68000					
PCB-18	37680-65-2	ppt-TOC	241000		292000		205000		491000		2520000		3870000		7920000		304000		344000					
PCB-180	35065-29-3	ppt-TOC	236000		252000		199000		486000		1090000		1600000		2450000		329000		284000					
PCB-181	74472-47-2	ppt-TOC	789		800		814		1470		3230		8060		12200		1450		1350					
PCB-182/187	PCB-182/187	ppt-TOC	172000		186000		148000		340000		735000		1010000		1620000		233000		210000					
PCB-183	52663-69-1	ppt-TOC	66300		71300		57100		127000		288000		426000		671000		91800		82500					
PCB-184	74472-48-3	ppt-TOC	616		700				1310		2930		2530		2080		1230		1110					
PCB-185	52712-05-7	ppt-TOC	10300		11500		9100		20800		46200		73900		110000		15100		12200					
PCB-186	74472-49-4	ppt-TOC	2250	U	2510	U			1780	U	2120	U	2570	U	3590	U	2460	U	2080	U				
PCB-188	74487-85-7	ppt-TOC	958		794		867		1210		1640		1750		3110		1080		2080	U				
PCB-189	39635-31-9	ppt-TOC	3670		3940		3220		6730		15300		21100		35500		5760		4060					
PCB-19	38444-73-4	ppt-TOC	24700		32900		22100		55000		227000		371000		550000		29900		36800					
PCB-190	41411-64-7	ppt-TOC	19000		19800		15800		36300		80500		123000		187000		27600		23200					
PCB-191	74472-50-7	ppt-TOC	3900		3990		3770		6590		17500		21000		41100		5440		5300					
PCB-192	74472-51-8	ppt-TOC	2250	U	2510	U			1780	U	2120	U	2570	U	3590	U	2460	U	2080	U				
PCB-193	69782-91-8	ppt-TOC	12300		12900		10100		23100		50500		70000		117000		17400		14400					
PCB-194	35694-08-7	ppt-TOC	65800		73100		53800		118000		232000		381000		571000		94700		81000					
PCB-195	52663-78-2	ppt-TOC	23600		26300		19800		42700		96500		145000		217000		38100		31400					
PCB-196/203	PCB-196/203	ppt-TOC	92100		101000		74300		174000		310000		455000		704000		125000		110000					
PCB-197	33091-17-7	ppt-TOC	2940		3180		2820		6050		11900		16400		24300		4010		3430					
PCB-198	68194-17-2	ppt-TOC	4320		4520		4400		8180		22400		40600		55400		6060		5700					
PCB-199	52663-75-9	ppt-TOC	95800		101000		75700		167000		319000		429000		646000		123000		112000					
PCB-2	2051-61-8	ppt-TOC	10500		11900		8380		26700		48600		47700		57900		13400		14100					
PCB-20/21/33	38444-84-7/5570	ppt-TOC	152000		172000		122000		167000		825000		2580000		4500000		210000		234000					
PCB-200	52663-73-7	ppt-TOC	7950		8690		7050		17900		31000		42600		67100		11400		9650					
PCB-201	40186-71-8	ppt-TOC	12300		13700		10800		26600		51500		69000		103000		16400		14800					
PCB-202	2136-99-4	ppt-TOC	34100		35300		25300		61400		108000		123000		186000		40100		35500					
PCB-204	74472-52-9	ppt-TOC	2250	U	2510	U			1780	U	2120	U	2570	U	3590	U	2460	U	2080	U				
PCB-205	74472-53-0	ppt-TOC	3190		3320		2890		4440		9500		15300		23200		4330		4070					
PCB-206	40186-72-9	ppt-TOC	105000		100000		71000		129000		208000		265000		390000		107000		123000					
PCB-207	52663-79-3	ppt-TOC	9050		8810		6950		11900		19000		25500		39200		9590		10800					
PCB-208	52663-77-1	ppt-TOC	38100		35300		25000		45900		73500		81300		114000		37100		42300					
PCB-209	2051-24-3	ppt-TOC	93200		98100		60500		124000		200000		245000		371000		96500		126000					
PCB-22	38444-85-8	ppt-TOC	157000		179000		128000		191000		610000		2310000		3840000		205000		229000					
PCB-23	55720-44-0	ppt-TOC	2250	U	819				1780	U	2620		5030		5130		2460	U	2080	U				
PCB-24/27	PCB-24/27	ppt-TOC	41400		52300		34500		82700		288000		445000		613000		49900		59000					
PCB-25	55712-37-3	ppt-TOC	127000		148000		100000		104000		286000		874000		1080000		159000		204000					
PCB-26	38444-81-4	ppt-TOC	172000		200000		136000		158000		476000		1540000		1710000		219000		293000					
PCB-28	7012-37-5	ppt-TOC	879000		1010000		686000		964000		2700000		7900000		10800000		1080000		1180000					
PCB-29	15862-07-4	ppt-TOC	1480		1820		1390		1970		7200		19100		27000		2240		2970	U				
PCB-3	2051-62-9	ppt-TOC	31200		35900		21600		60000		97500		135000		133000		37000		43500					
PCB-30	35693-92-6	ppt-TOC	2250	U	2510	U			1780	U	2480		3680		5330		2460	U	2080	U				
PCB-31	16606-02-3	ppt-TOC	574000		681000		500000		673000		2270000		7350000		11300000		806000		950000					
PCB-34	37680-68-5	ppt-TOC	4990		5410		4160		5050		16100		34800		57900		6120		8300					
PCB-35	37680-69-6	ppt-TOC	24900		29400		20800		30200		81000		148000		278000		33800		30400					
PCB-36	38444-87-0	ppt-TOC	1630		1690				1780	U	2800		3650		2730		1850		2030					
PCB-37	38444-90-5	ppt-TOC	301000		359000		239000		270000		780000		1800000		2550000		379000		401000					
PCB-38	53555-66-1	ppt-TOC	4230		4610		2810		12800		33200		13500		28700		9710		9250					
PCB-39	38444-88-1	ppt-TOC	3130		3730		3200		2100		4690		12600		15400		4250		4340					
PCB-4/10	PCB-4/10	ppt-TOC	124000		144000		91000		146000		375000		813000		1010000		123000		162000					
PCB-40	38444-93-8	ppt-TOC	70000		83100		62400		145000		456000		1090000		1900000		87600		86500					
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	337000		405000		294000		632000		1920000						439000		453000					
PCB-42/59	36559-22-5/7447	ppt-TOC	148000		177000		126000		269000		815000		2130000		3730000		183000		185000					
PCB-43/49	PCB-43/49	ppt-TOC	401000		494000		350000		691000		1920000		5100000		8710000		520000		525000					

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED031		NB01SED031		NB01SED031		NB01SED032		NB01SED032		NB01SED032		NB01SED032		NB01SED033A		NB01SED033A	
		Sample Name	NB01SED031A-01		NB01SED031A-02		NB01SED031A-03		NB01SED032A-01		NB01SED032A-02		NB01SED032A-03		NB01SED032A-04		NB01SED033AD-01		NB01SED033AD-02	
		Date Collected	11/14/2005		11/14/2005		11/14/2005		11/13/2005		11/13/2005		11/13/2005		11/13/2005		12/11/2005		12/11/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	343000		404000		292000		650000		2180000		5740000		11300000		435000		427000	
PCB-45	70362-45-7	ppt-TOC	39400		49400		37000		77300		314000		823000		1550000		55500		55500	
PCB-46	41464-47-5	ppt-TOC	17100		22300		15400		31300		125000		329000		629000		24200		24900	
PCB-47	2437-79-8	ppt-TOC	207000		248000		173000		369000		815000		2280000		3500000		268000		257000	
PCB-48/75	70362-47-9/3259	ppt-TOC	69500		83100		67100		104000		445000		910000		1860000		91800		85500	
PCB-5/8	PCB-5/8	ppt-TOC	248000		288000		185000		323000		925000		1450000		1960000		278000		317000	
PCB-50	62796-65-0	ppt-TOC	1180		1630		1240		1980		6500		16200		26900		2460	U	1610	
PCB-51	68194-04-7	ppt-TOC	25400		30800		22000		46800		114000		269000		446000		38100		38300	
PCB-52/69	35693-99-3/6023	ppt-TOC	410000		486000		359000		764000		2210000		6100000		11300000		546000		525000	
PCB-53	41464-41-9	ppt-TOC	51900		61900		45900		93600		314000		832000		1480000		74100		71500	
PCB-54	15968-05-5	ppt-TOC	1370		1610		1380		2700		6550		10500		16500		2740		2580	
PCB-55	74338-24-2	ppt-TOC	5630		6030		5050		11300		31500		56800		94200		8760		8350	
PCB-56/60	PCB-56/60	ppt-TOC	246000		278000		196000		421000		1120000		2770000		5380000		345000		320000	
PCB-57	70424-67-8	ppt-TOC	3660		4280		3270		5680		15300		32600		41600		5240		5550	
PCB-58	41464-49-7	ppt-TOC	1850		2090		1970		2780		5200		12500		19500		2670		3440	
PCB-6	25569-80-6	ppt-TOC	83200		96300		61400		102000		203000		332000		363000		88800		110000	
PCB-61/70	PCB-61/70	ppt-TOC	416000		484000		343000		768000		2080000		4870000		9580000		594000		590000	
PCB-62	54230-22-7	ppt-TOC	2250	U	2510	U			1780	U	2120	U	2570	U	3590	U	2460	U	2080	U
PCB-63	74472-34-7	ppt-TOC	18900		22400		15800		29100		84500		207000		322000		25400		27300	
PCB-65	33284-54-7	ppt-TOC	2250	U	2510	U			1780	U	2120	U	2570	U	3590	U	2460	U	2080	U
PCB-67	73575-53-8	ppt-TOC	16400		19000		13400		26000		68500		150000		266000		23500		22100	
PCB-68	73575-52-7	ppt-TOC	5420		6500		4860		9140		14700		31500		37700		7180		8800	
PCB-7/9	PCB-7/9	ppt-TOC	14600		16000		11400		18300		80000		152000		185000		15500		17800	
PCB-73	74338-23-1	ppt-TOC	2250	U	2510	U			1780	U	2120	U	2570	U	3590	U	2460	U	2080	U
PCB-74	32690-93-0	ppt-TOC	199000		234000		165000		363000		930000		2120000		3960000		286000		279000	
PCB-76/66	PCB-76/66	ppt-TOC	439000		503000		365000		823000		1800000		4450000		8170000		612000		595000	
PCB-77	32598-13-3	ppt-TOC	76800		86300		58100		153000		309000		516000		1040000		98800		89500	
PCB-78	70362-49-1	ppt-TOC	2250	U	2510	U			2840		5800		7230		15300		2460	U	2080	U
PCB-79	41464-48-6	ppt-TOC	4920		5940		4510		11000		23200		27200		57100		9120		8800	
PCB-80	33284-52-5	ppt-TOC	2250	U	2510	U			1780	U	2120	U	2570	U	3590	U	2460	U	2080	U
PCB-81	70362-50-4	ppt-TOC	1140		1530		1260		13100		30300		40000		85800		2750		1950	
PCB-82	52663-62-4	ppt-TOC	53200		56200		41000		85900		212000		387000		833000		70000		62000	
PCB-83	60145-20-2	ppt-TOC	2250	U	2510	U			495		1030		2620		2790		2460	U	2080	U
PCB-84/92	52663-60-2/5266	ppt-TOC	188000		211000		158000		319000		755000		1510000		3080000		234000		204000	
PCB-85/116	PCB-85/116	ppt-TOC	81100		89400		65200		142000		330000		616000		1190000		104000		87500	
PCB-86	55312-69-1	ppt-TOC	2440		3190		2200		4640		11100		81600		82500		4350		3710	
PCB-87/117/125	38380-02-8/6819	ppt-TOC	150000		163000		116000		256000		610000		1160000		2430000		191000		155000	
PCB-88/91	PCB-88/91	ppt-TOC	85300		98800		69500		148000		335000		645000		1330000		108000		97000	
PCB-89	73575-57-2	ppt-TOC	5790		7060		5570		9680		29600		57400		113000		8470		7700	
PCB-90/101	PCB-90/101	ppt-TOC	448000		508000		376000		773000		1780000		3480000		7210000		578000		494000	
PCB-93	73575-56-1	ppt-TOC	2250	U	2510	U			1780	U	2120	U	2570	U	3590	U	2460	U	2080	U
PCB-94	73575-55-0	ppt-TOC	5320		5930		4860		7320		16400		28100		45400		6290		5950	
PCB-95/98/102	38379-99-6/6023	ppt-TOC	329000		366000		273000		568000		1370000		2620000		5540000		408000		374000	
PCB-96	73575-54-9	ppt-TOC	3520		4370		3080		6950		19700		40300		75800		5530		6150	
PCB-97	41464-51-1	ppt-TOC	145000		163000		114000		249000		580000		1150000		2400000		181000		154000	
PCB-99	38380-01-7	ppt-TOC	247000		283000		208000		419000		905000		1730000		3430000		313000		277000	
Total PCB Congeners (209)	No CAS	ppt-TOC	14300000		16400000		11800000		23600000		61500000		125000000		219000000		18600000		18300000	
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	10400000		11700000		8380000		17400000		45200000		93500000		168000000		13500000		13000000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED034A		NB01SED034A		NB01SED034A		NB01SED035A		NB01SED036		NB01SED036		NB01SED036		NB01SED037		NB01SED037	
		Sample Name	NB01SED034AC-01		NB01SED034AC-02		NB01SED034AC-03		NB01SED035AC-01		NB01SED036F-01		NB01SED036F-02		NB01SED036F-03		NB01SED037C-01		NB01SED037C-02	
		Date Collected	12/11/2005		12/11/2005		12/11/2005		12/11/2005		11/27/2005		11/27/2005		11/27/2005		11/14/2005		11/14/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	63200		74500		52700		73300		72800		50000		60300		55200		14600	
PCB-100	39485-83-1	ppt-TOC	14900		10800		10300		12100		14700		10900		9870		16100		7980	
PCB-103	60145-21-3	ppt-TOC	12700		10300		11400		10800		14100		9360		9900		15600		11700	
PCB-104	56558-16-8	ppt-TOC	1550		1900	U	1240		1200		1580		1160		1300	U	1660		467	
PCB-105	32598-14-4	ppt-TOC	249000		201000		227000		255000		595000		257000		215000		371000		504000	
PCB-106/118	PCB-106/118	ppt-TOC	641000		527000		609000		629000		1440000		688000		600000		947000		1120000	
PCB-107/109	70424-68-9/7447	ppt-TOC	53200		49500		53200		52400		107000		52400		46800		75100		88200	
PCB-108/112	70362-41-3/7447	ppt-TOC	38000		32200		36100		38000		82800		40000		34800		56700		73800	
PCB-11	2050-67-1	ppt-TOC	194000		185000		227000		168000		191000		136000		145000		290000		451000	
PCB-110	38380-03-9	ppt-TOC	768000		664000		741000		790000		1920000		931000		784000		1180000		1510000	
PCB-111/115	PCB-111/115	ppt-TOC	11100		9550		13000		14100		30900		14700		12100		22100		34900	
PCB-113	68194-10-5	ppt-TOC	1880	U	2180		3060		3600		4950		2500		2760		3980		4440	
PCB-114	74472-37-0	ppt-TOC	16900		13500		14200		13600		40500		16200		12700		21300		33800	
PCB-119	56558-17-9	ppt-TOC	24300		20700		24300		23000		32500		19800		20200		32300		27600	
PCB-12/13	PCB-12/13	ppt-TOC	120000		132000		118000		104000		91700		73100		92600		131000		94400	
PCB-120	68194-12-7	ppt-TOC	1880	U	3050		3330		2500		3740		981		2330		3110		1660	
PCB-121	56558-18-0	ppt-TOC	1880	U	1900	U	1900	U	1990	U	642	U	955	U	1300	U	2610	U	920	U
PCB-122	76842-07-4	ppt-TOC	10400		7230		8860		9860		21500		9570		8390		14500		19900	
PCB-123	65510-44-3	ppt-TOC	13400		10800		12200		13000		24500		11700		9870		19700		24900	
PCB-124	70424-70-3	ppt-TOC	27300		20800		21600		24300		72600		29300		24500		36500		48900	
PCB-126	57465-28-8	ppt-TOC	4730		3880		3990		5100		13800		6100		4710		6060		6780	
PCB-127	39635-33-1	ppt-TOC	1880	U	1900	U	1900	U	1990	U	642	U	955	U	1300	U	2610	U	920	U
PCB-128/162	PCB-128/162	ppt-TOC	97700		77300		84100		95200		300000		121000		91600		121000		140000	
PCB-129	55215-18-4	ppt-TOC	21300		15900		19500		23700		81100		34800		24000		30000		41600	
PCB-130	52663-66-8	ppt-TOC	39800		32800		40500		40000		103000		55000		41600		55200		63600	
PCB-131	61798-70-7	ppt-TOC	1880	U	1900	U	1900	U	1990	U	642	U	955	U	461		2610	U	338	
PCB-132/161	38380-05-1/7447	ppt-TOC	159000		128000		148000		165000		555000		236000		172000		221000		269000	
PCB-133/142	PCB-133/142	ppt-TOC	19500		16200		17400		20300		54000		25200		20000		23600		27100	
PCB-134/143	PCB-134/143	ppt-TOC	33200		26500		31100		34800		104000		45500		33500		39800		51100	
PCB-135	52744-13-5	ppt-TOC	83600		68600		78600		83800		262000		146000		105000		113000		124000	
PCB-136	38411-22-2	ppt-TOC	82700		63600		81400		85700		271000		141000		101000		113000		129000	
PCB-137	35694-06-5	ppt-TOC	25500		21000		20300		26100		81700		33300		26000		34000		40700	
PCB-138/163/164	35065-28-2/7447	ppt-TOC	623000		500000		573000		652000		1820000		857000		681000		831000		933000	
PCB-139/149	PCB-139/149	ppt-TOC	527000		422000		518000		557000		1650000		919000		665000		723000		784000	
PCB-14	34883-41-5	ppt-TOC	3760	U	3790	U	3810	U	3970	U	1280	U	1910	U	2590	U	5210	U	1840	U
PCB-140	59291-64-4	ppt-TOC	5450		3970		5050		5000		7780		5550		5840		6100		4910	
PCB-141	52712-04-6	ppt-TOC	93200		71800		82300		105000		380000		172000		117000		132000		168000	
PCB-144	68194-14-9	ppt-TOC	25000		20000		27800		30200		104000		49000		33900		38900		47800	
PCB-145	74472-40-5	ppt-TOC	1880	U	1900	U	1900	U	1990	U	668		955	U	1300	U	2610	U	404	
PCB-146/165	51908-16-8/7447	ppt-TOC	100000		84500		94100		101000		262000		123000		101000		126000		123000	
PCB-147	68194-13-8	ppt-TOC	23500		17900		21300		23200		37100		26000		24600		28900		23800	
PCB-148	74472-41-6	ppt-TOC	1680		1850		1930		2310		2200		1750		1900		2700		1450	
PCB-15	2050-68-2	ppt-TOC	823000		909000		764000		686000		288000		386000		594000		910000		647000	
PCB-150	68194-08-1	ppt-TOC	2850		1900	U	3260		2680		4110		2450	U	2860		3870		1950	
PCB-151	52663-63-5	ppt-TOC	143000		112000		136000		150000		489000		267000		185000		198000		209000	
PCB-152	68194-09-2	ppt-TOC	1250		655		964		1030		2180		1040		1300	U	1320		1000	
PCB-153	35065-27-1	ppt-TOC	623000		505000		586000		643000		1910000		876000		681000		814000		831000	
PCB-154	60145-22-4	ppt-TOC	17500		14500		18800		17500		24600		18700		17000		21900		11100	
PCB-155	33979-03-2	ppt-TOC	3230		2110		3200		3150		1280		1850		3160		6000		4130	
PCB-156	38380-08-4	ppt-TOC	55000		42100		47700		56200		189000		76200		58400		70800		82200	
PCB-157	69782-90-7	ppt-TOC	13500		10600		12500		13400		38200		16500		13500		17000		19400	
PCB-158/160	74472-42-7/4141	ppt-TOC	62700		49100		58600		67600		195000		88600		64800		87300		109000	
PCB-159	39635-35-3	ppt-TOC	9410		7680		8230		10000		23700		11200		8870		9780		8380	
PCB-16/32	PCB-16/32	ppt-TOC	273000		290000		249000		245000		575000		281000		268000		364000		791000	
PCB-166	41411-63-6	ppt-TOC	2590		2300		1850		2430		6220		3050		2390		3020		3980	
PCB-167	52663-72-6	ppt-TOC	24300		19500		22300		25200		80500		34500		25500		31600		34400	
PCB-168	59291-65-5	ppt-TOC	2300		1900	U	1920		3450		1780		1220		1430		2560		1660	
PCB-169	32774-16-6	ppt-TOC	1880	U	1900	U	1900	U	1990	U	642	U	955	U	1300	U	392		920	U
PCB-17	37680-66-3	ppt-TOC	209000		231000		188000		184000		351000		191000		191000		254000		511000	
PCB-170	35065-30-6	ppt-TOC	151000		113000		128000		163000		586000		243000		178000		198000		196000	
PCB-171	52663-71-5	ppt-TOC	42700		33200		40600		48100		166000		72600		52600		59600		59300	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED034A		NB01SED034A		NB01SED034A		NB01SED035A		NB01SED036		NB01SED036		NB01SED036		NB01SED037		NB01SED037	
		Sample Name	NB01SED034AC-01		NB01SED034AC-02		NB01SED034AC-03		NB01SED035AC-01		NB01SED036F-01		NB01SED036F-02		NB01SED036F-03		NB01SED037C-01		NB01SED037C-02	
		Date Collected	12/11/2005		12/11/2005		12/11/2005		12/11/2005		11/27/2005		11/27/2005		11/27/2005		11/14/2005		11/14/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC	27300		21100		24800		30200		106000		45700		33200		35800		34200	
PCB-173	68194-16-1	ppt-TOC	3230		2620		3540		3950		12100		6290		4450		4810		4620	
PCB-174	38411-25-5	ppt-TOC	162000		123000		136000		184000		792000		336000		218000		208000		198000	
PCB-175	40186-70-7	ppt-TOC	8550		7140		8770		9900		28200		12600		10600		11900		11900	
PCB-176	52663-65-7	ppt-TOC	24200		18500		22600		26000		79700		38600		28900		31700		31600	
PCB-177	52663-70-4	ppt-TOC	112000		88200		105000		123000		411000		187000		137000		148000		139000	
PCB-178	52663-67-9	ppt-TOC	42600		34800		42200		45900		122000		64500		51300		57500		49600	
PCB-179	52663-64-6	ppt-TOC	90900		71400		87300		97100		269000		146000		107000		124000		114000	
PCB-18	37680-65-2	ppt-TOC	348000		366000		320000		314000		912000		386000		339000		480000		1290000	
PCB-180	35065-29-3	ppt-TOC	401000		309000		360000		458000		1620000		707000		513000		541000		511000	
PCB-181	74472-47-2	ppt-TOC	1880	U	1900	U	2400		1760		6480		1730		1660		1820		1730	
PCB-182/187	PCB-182/187	ppt-TOC	276000		221000		271000		304000		786000		421000		332000		375000		322000	
PCB-183	52663-69-1	ppt-TOC	109000		85000		105000		120000		337000		172000		133000		151000		144000	
PCB-184	74472-48-3	ppt-TOC	1250		1040		1130		1010		832		857		1130		1220		638	
PCB-185	52712-05-7	ppt-TOC	18200		13300		16000		21700		93800		38600		24800		24400		23600	
PCB-186	74472-49-4	ppt-TOC	1880	U	1900	U	1900	U	1990	U	642	U	955	U	1300	U	2610	U	920	U
PCB-188	74487-85-7	ppt-TOC	1130		855		1300		1080		2060		1260		1010		1840		529	
PCB-189	39635-31-9	ppt-TOC	5820		4820		5500		6520		17700		9170		6290		7880		7870	
PCB-19	38444-73-4	ppt-TOC	39000		41200		28800		29800		73500		37600		37700		44700		81300	
PCB-190	41411-64-7	ppt-TOC	33000		25900		27800		34700		111000		48100		34800		43000		40900	
PCB-191	74472-50-7	ppt-TOC	6090		4480		6090		7290		20500		9640		7480		9020		8640	
PCB-192	74472-51-8	ppt-TOC	1880	U	1900	U	1900	U	1990	U	642	U	955	U	1300	U	2610	U	920	U
PCB-193	69782-91-8	ppt-TOC	20000		16400		19700		22800		64300		30700		23600		27900		24400	
PCB-194	35694-08-7	ppt-TOC	113000		91800		98200		122000		408000		165000		130000		151000		133000	
PCB-195	52663-78-2	ppt-TOC	42900		33300		38100		46300		166000		69500		53500		54700		51300	
PCB-196/203	PCB-196/203	ppt-TOC	145000		118000		135000		147000		368000		171000		170000		196000		151000	
PCB-197	33091-17-7	ppt-TOC	4910		4150		3960		4610		15500		6980		6000		6110		5000	
PCB-198	68194-17-2	ppt-TOC	7180		6270		6050		7330		32900		9020		7710		8710		6820	
PCB-199	52663-75-9	ppt-TOC	142000		119000		134000		147000		383000		197000		181000		190000		141000	
PCB-2	2051-61-8	ppt-TOC	14100		14000		15500		11900		15100		10700		13200		18300		12400	
PCB-20/21/33	38444-84-7/5570	ppt-TOC	225000		222000		194000		207000		400000		170000		149000		290000		660000	
PCB-200	52663-73-7	ppt-TOC	12900		11000		11800		14600		58600		25000		18400		17100		14700	
PCB-201	40186-71-8	ppt-TOC	20600		16300		19000		19700		62800		28100		23900		26100		21800	
PCB-202	2136-99-4	ppt-TOC	46400		40600		46400		45300		107000		54500		50000		60200		42400	
PCB-204	74472-52-9	ppt-TOC	1880	U	1900	U	1900	U	1990	U			955	U	1300	U	2610	U	187	
PCB-205	74472-53-0	ppt-TOC	4910		4150		4130		4950		15800		6310		4970		7310		5980	
PCB-206	40186-72-9	ppt-TOC	140000		111000		142000		131000		248000		160000		117000		164000		104000	
PCB-207	52663-79-3	ppt-TOC	13700		10300		13300		11900		19200		11700		9970		15200		9910	
PCB-208	52663-77-1	ppt-TOC	49500		37700		48600		44100		57100		44000		34500		55500		32200	
PCB-209	2051-24-3	ppt-TOC	144000		101000		129000		187000		1070000		538000		172000		135000		93300	
PCB-22	38444-85-8	ppt-TOC	222000		212000		206000		214000		211000		113000		142000		287000		573000	
PCB-23	55720-44-0	ppt-TOC	927		1900	U	632		838		692	U	955	U	1300	U	879		1350	
PCB-24/27	PCB-24/27	ppt-TOC	54100		61400		48600		48600		63800		46200		49700		66800		104000	
PCB-25	55712-37-3	ppt-TOC	180000		191000		155000		153000		73100		68600		85800		174000		173000	
PCB-26	38444-81-4	ppt-TOC	244000		259000		211000		214000		117000		106000		153000		233000		260000	
PCB-28	7012-37-5	ppt-TOC	1310000		1290000		1170000		1090000		688000		455000		726000		1440000		1900000	
PCB-29	15862-07-4	ppt-TOC	2630		1900	U	2210		1880		3540		1790		1980		3010		4890	
PCB-3	2051-62-9	ppt-TOC	40100		41500		36800		39000		71800		39000		39400		41400		21200	
PCB-30	35693-92-6	ppt-TOC	1880	U	1900	U	1900	U	1990	U	642	U	955	U	1300	U	2610	U	920	U
PCB-31	16606-02-3	ppt-TOC	850000		850000		755000		757000		783000		388000		481000		917000		1510000	
PCB-34	37680-68-5	ppt-TOC	6360		6950		6090		5000		3120		3240		4160		6220		6360	
PCB-35	37680-69-6	ppt-TOC	39000		40500		35300		31900		19400		15200		17600		43300		57100	
PCB-36	38444-87-0	ppt-TOC	1880	U	1900	U	2270		2200		642	U	955	U	1300	U	2160		1040	
PCB-37	38444-90-5	ppt-TOC	482000		491000		416000		381000		226000		170000		215000		500000		518000	
PCB-38	53555-66-1	ppt-TOC	9640		9410		8730		9950		10400		7520		8350		7070		7160	
PCB-39	38444-88-1	ppt-TOC	4730		5090		4460		4560		1360		955	U	1300	U	3670		2580	
PCB-4/10	PCB-4/10	ppt-TOC	153000		187000		125000		124000		135000		89300		109000		140000		166000	
PCB-40	38444-93-8	ppt-TOC	103000		90500		100000		91900		182000		88600		85200		165000		291000	
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	559000		482000		518000		472000		622000		336000		458000		752000		1220000	
PCB-42/59	36559-22-5/7447	ppt-TOC	220000		196000		218000		200000		286000		153000		190000		331000		513000	
PCB-43/49	PCB-43/49	ppt-TOC	595000		559000		568000		548000		774000		455000		487000		844000		1230000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED034A		NB01SED034A		NB01SED034A		NB01SED035A		NB01SED036		NB01SED036		NB01SED036		NB01SED037		NB01SED037	
		Sample Name	NB01SED034AC-01		NB01SED034AC-02		NB01SED034AC-03		NB01SED035AC-01		NB01SED036F-01		NB01SED036F-02		NB01SED036F-03		NB01SED037C-01		NB01SED037C-02	
		Date Collected	12/11/2005		12/11/2005		12/11/2005		12/11/2005		11/27/2005		11/27/2005		11/27/2005		11/14/2005		11/14/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	518000		444000		514000		495000		1040000		467000		500000		822000		1500000	
PCB-45	70362-45-7	ppt-TOC	68200		56400		63600		66200		175000		68100		62900		106000		220000	
PCB-46	41464-47-5	ppt-TOC	30600		25700		28000		28700		77800		32100		28500		46100		87600	
PCB-47	2437-79-8	ppt-TOC	311000		278000		286000		286000		295000		204000		235000		392000		440000	
PCB-48/75	70362-47-9/3259	ppt-TOC	105000		90000		98200		91400		197000		86900		86500		170000		344000	
PCB-5/8	PCB-5/8	ppt-TOC	323000		344000		274000		273000		438000		217000		228000		343000		387000	
PCB-50	62796-65-0	ppt-TOC	2190		1900		1980		1550		2970		1470		1830		2470		3490	
PCB-51	68194-04-7	ppt-TOC	50000		36000		32900		43500		74000		39500		35500		58400		68400	
PCB-52/69	35693-99-3/6023	ppt-TOC	627000		545000		595000		638000		1350000		598000		565000		961000		1630000	
PCB-53	41464-41-9	ppt-TOC	89100		76400		72300		81900		188000		86900		76500		123000		216000	
PCB-54	15968-05-5	ppt-TOC	3480		2260		1580		2780		5950		3430		2690		3330		2870	
PCB-55	74338-24-2	ppt-TOC	10700		8820		9860		10600		23800		10700		9550		12700		22700	
PCB-56/60	PCB-56/60	ppt-TOC	415000		365000		390000		387000		778000		355000		355000		550000		944000	
PCB-57	70424-67-8	ppt-TOC	6410		6360		5860		5670		6800		4860		5740		6430		7580	
PCB-58	41464-49-7	ppt-TOC	3550		3210		2520		2800		3370		1940		2620		3480		3270	
PCB-6	25569-80-6	ppt-TOC	105000		115000		90000		88600		101000		62100		74500		99200		61100	
PCB-61/70	PCB-61/70	ppt-TOC	709000		627000		664000		662000		1690000		707000		700000		899000		1500000	
PCB-62	54230-22-7	ppt-TOC	1880	U	1900	U	1900	U	1990	U	642	U	955	U	1300	U	2610	U	920	U
PCB-63	74472-34-7	ppt-TOC	31900		29500		30100		28300		49100		23800		28000		35400		51300	
PCB-65	33284-54-7	ppt-TOC	1880	U	1900	U	1900	U	1990	U	642	U	955	U	1300	U	1170		1570	
PCB-67	73575-53-8	ppt-TOC	26400		24500		26800		24300		41800		21900		24700		33700		48000	
PCB-68	73575-52-7	ppt-TOC	9550		8550		10100		8290		2140		3000		4480		8260		5840	
PCB-7/9	PCB-7/9	ppt-TOC	19500		19800		16400		16000		50000		20300		14200		21600		26700	
PCB-73	74338-23-1	ppt-TOC	1880	U	1900	U	1900	U	1990	U	642	U	9880		1300	U	2610	U	920	U
PCB-74	32690-93-0	ppt-TOC	338000		298000		329000		317000		629000		295000		318000		432000		676000	
PCB-76/66	PCB-76/66	ppt-TOC	745000		673000		723000		662000		1190000		567000		661000		924000		1260000	
PCB-77	32598-13-3	ppt-TOC	122000		115000		98200		101000		112000		77600		100000		140000		179000	
PCB-78	70362-49-1	ppt-TOC	1880	U	1900	U	1900	U	1990	U	5660		2740		2560		2610	U	920	U
PCB-79	41464-48-6	ppt-TOC	12000		8950		9950		10300		18600		10100		9770		11800		9760	
PCB-80	33284-52-5	ppt-TOC	1880	U	1900	U	1900	U	1990	U	642	U	955	U	1300	U	2610	U	920	U
PCB-81	70362-50-4	ppt-TOC	10500		9180		2260		1080		12400		3980		4190		4480		6400	
PCB-82	52663-62-4	ppt-TOC	83600		66800		77300		79000		240000		106000		85200		135000		209000	
PCB-83	60145-20-2	ppt-TOC	591		1900	U	1900	U	1990	U	911		433		1300	U	905		1480	
PCB-84/92	52663-60-2/5266	ppt-TOC	281000		244000		270000		297000		820000		355000		287000		437000		591000	
PCB-85/116	PCB-85/116	ppt-TOC	120000		100000		116000		123000		269000		134000		113000		198000		269000	
PCB-86	55312-69-1	ppt-TOC	3690		3740		3700		4860		12400		4480		3480		8330		15300	
PCB-87/117/125	38380-02-8/6819	ppt-TOC	227000		182000		206000		237000		709000		293000		221000		372000		573000	
PCB-88/91	PCB-88/91	ppt-TOC	125000		108000		120000		117000		248000		130000		119000		186000		233000	
PCB-89	73575-57-2	ppt-TOC	9590		8320		10300		10300		24200		10300		8520		16200		26900	
PCB-90/101	PCB-90/101	ppt-TOC	686000		582000		664000		710000		1920000		893000		690000		1070000		1400000	
PCB-93	73575-56-1	ppt-TOC	1880	U	1900	U	1900	U	1990	U	642	U	955	U	1300	U	2610	U	920	U
PCB-94	73575-55-0	ppt-TOC	8140		6230		6180		6000		11900		7210		6420		10200		9670	
PCB-95/98/102	38379-99-6/6023	ppt-TOC	491000		402000		464000		481000		1520000		681000		535000		779000		1070000	
PCB-96	73575-54-9	ppt-TOC	7820		5950		7050		6810		6800		3480		4680		9370		12400	
PCB-97	41464-51-1	ppt-TOC	212000		181000		210000		221000		549000		255000		208000		341000		476000	
PCB-99	38380-01-7	ppt-TOC	375000		328000		370000		370000		774000		383000		345000		551000		631000	
Total PCB Congeners (209)	No CAS	ppt-TOC	22000000		19700000		20400000		21000000		44900000		22000000		19900000		29000000		38900000	
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	16100000		14100000		15000000		15700000		36500000		17200000		14900000		21500000		28700000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED037		NB01SED037		NB01SED038		NB01SED038		NB01SED038		NB01SED038		NB01SED039		NB01SED039		NB01SED039				
		Sample Name	NB01SED037C-03		NB01SED037C-04		NB01SED038A-01		NB01SED038A-02		NB01SED038A-03		NB01SED038A-04		NB01SED039A-01		NB01SED039A-02		NB01SED039A-03				
		Date Collected	11/14/2005		11/14/2005		11/20/2005		11/20/2005		11/20/2005		11/20/2005		11/17/2005		11/17/2005		11/17/2005				
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-1	2051-60-7	ppt-TOC	24600		838	U	6550		1020	U	884	U	1680	U	21900		2500		1100	U			
PCB-100	39485-83-1	ppt-TOC	8400		838	U	3740		1020	U	884	U	1680	U	8780		815		1100	U			
PCB-103	60145-21-3	ppt-TOC	18600		838	U	3490		1020	U	884	U	1680	U	8610		2110	U	1100	U			
PCB-104	56558-16-8	ppt-TOC	1680	U	838	U	5460	U	1020	U	884	U	1680	U	822		2110	U	1100	U			
PCB-105	32598-14-4	ppt-TOC	1080000		3560		67800		758		392		1680	U	229000		23000		2650				
PCB-106/118	PCB-106/118	ppt-TOC	2380000		9240		174000		1590		704		1980		572000		56500		6160				
PCB-107/109	70424-68-9/7447	ppt-TOC	177000		838	U	14900		1020	U	884	U	1680	U	45700		4630		1100	U			
PCB-108/112	70362-41-3/7447	ppt-TOC	150000		838	U	10300		1020	U	884	U	1680	U	34300		3440		1100	U			
PCB-11	2050-67-1	ppt-TOC	688000		4130		49500		2280	U	2490		3560	U	191000		17200		3480				
PCB-110	38380-03-9	ppt-TOC	3270000		11900		222000		1740		1050		2260		717000		70500		7930				
PCB-111/115	PCB-111/115	ppt-TOC	69200		838	U	4930		1020	U	884	U	1680	U	14800		1640		1100	U			
PCB-113	68194-10-5	ppt-TOC	5680		838	U	5460	U	1020	U	884	U	1680	U	1810		2110	U	1100	U			
PCB-114	74472-37-0	ppt-TOC	71600		235		4030		1020	U	884	U	1680	U	13100		1540		1100	U			
PCB-119	56558-17-9	ppt-TOC	51600		838	U	6420		1020	U	884	U	1680	U	17700		1660		1100	U			
PCB-12/13	PCB-12/13	ppt-TOC	97600		1670	U	20700		2040	U	1770	U	3360	U	72200		4210	U	2190	U			
PCB-120	68194-12-7	ppt-TOC	15200		838	U	5460	U	1020	U	884	U	1680	U	2110		2110	U	1100	U			
PCB-121	56558-18-0	ppt-TOC	1680	U	838	U	5460	U	1020	U	884	U	1680	U	2280	U	2110	U	1100	U			
PCB-122	76842-07-4	ppt-TOC	40400		838	U	2340		1020	U	884	U	1680	U	8110		2110	U	1100	U			
PCB-123	65510-44-3	ppt-TOC	48800		244		4010		1020	U	884	U	1680	U	11900		1200		245				
PCB-124	70424-70-3	ppt-TOC	109000		838	U	7780		1020	U	884	U	1680	U	27500		3120	U	1100	U			
PCB-126	57465-28-8	ppt-TOC	13000		838	U	1790		1020	U	884	U	1680	U	4160		480		1100	U			
PCB-127	39635-33-1	ppt-TOC	1680	U	838	U	5460	U	1020	U	884	U	1680	U	2280	U	2110	U	1100	U			
PCB-128/162	PCB-128/162	ppt-TOC	296000		1220		25000		1020	U	884	U	1680	U	80000		8100		1100	U			
PCB-129	55215-18-4	ppt-TOC	85200		838	U	5970		1020	U	884	U	1680	U	19900		1930		1100	U			
PCB-130	52663-66-8	ppt-TOC	120000		838	U	11100		1020	U	884	U	1680	U	34600		3390		1100	U			
PCB-131	61798-70-7	ppt-TOC	1680	U	838	U	5460	U	1020	U	884	U	1680	U	2280	U	2110	U	1100	U			
PCB-132/161	38380-05-1/7447	ppt-TOC	540000		2200		42000		1020	U	884	U	1680	U	136000		13700		1450				
PCB-133/142	PCB-133/142	ppt-TOC	52400		838	U	4950		1020	U	884	U	1680	U	15100		1470		1100	U			
PCB-134/143	PCB-134/143	ppt-TOC	101000		838	U	9080		1020	U	884	U	1680	U	27300		2780		1100	U			
PCB-135	52744-13-5	ppt-TOC	241000		1080		22900		1020	U	884	U	1680	U	74400		7500		1100	U			
PCB-136	38411-22-2	ppt-TOC	259000		1150		22100		1020	U	884	U	1680	U	72200		6900		1100	U			
PCB-137	35694-06-5	ppt-TOC	90000		838	U	7220		1020	U	884	U	1680	U	22400		2300		1100	U			
PCB-138/163/164	35065-28-2/7447	ppt-TOC	1880000		8320		163000		1680		884	U	1680	U	537000		52000		5690				
PCB-139/149	PCB-139/149	ppt-TOC	1520000		7250		141000		1330		884	U	1680	U	473000		47100		5010				
PCB-14	34883-41-5	ppt-TOC	3370	U	1670	U	10900	U	2040	U	1770	U	3360	U	4560	U	4210	U	2190	U			
PCB-140	59291-64-4	ppt-TOC	9920		838	U	1280		1020	U	884	U	1680	U	3380		353		1100	U			
PCB-141	52712-04-6	ppt-TOC	333000		1470		23700		1020	U	884	U	1680	U	86700		8950		1110				
PCB-144	68194-14-9	ppt-TOC	102000		838	U	7680		1020	U	884	U	1680	U	27200		2730		1100	U			
PCB-145	74472-40-5	ppt-TOC	1680	U	838	U	5460	U	1020	U	884	U	1680	U	2280	U	2110	U	1100	U			
PCB-146/165	51908-16-8/7447	ppt-TOC	239000		1050		25900		1020	U	884	U	1680	U	77800		7650		1100	U			
PCB-147	68194-13-8	ppt-TOC	41600		838	U	5370		1020	U	884	U	1680	U	17700		1580		1100	U			
PCB-148	74472-41-6	ppt-TOC	1820		838	U	5460	U	1020	U	884	U	1680	U	1540		2110	U	1100	U			
PCB-15	2050-68-2	ppt-TOC	560000		2180		126000		2040	U	1770	U	3360	U	497000		42400		5080				
PCB-150	68194-08-1	ppt-TOC	3120		838	U	5460	U	1020	U	884	U	1680	U	2070		2110	U	1100	U			
PCB-151	52663-63-5	ppt-TOC	412000		2000		39600		1020	U	884	U	1680	U	131000		12900		1350				
PCB-152	68194-09-2	ppt-TOC	1780		838	U	5460	U	1020	U	884	U	1680	U	722		2110	U	1100	U			
PCB-153	35065-27-1	ppt-TOC	1670000		7220		157000		1190		884	U	1680	U	514000		51000		5610				
PCB-154	60145-22-4	ppt-TOC	17300		838	U	4140		1020	U	884	U	1680	U	12000		1180		1100	U			
PCB-155	33979-03-2	ppt-TOC	1160		838	U	1660		1020	U	884	U	1680	U	5830		625		1100	U			
PCB-156	38380-08-4	ppt-TOC	180000		809		13600		273		884	U	1680	U	46800		5000		521				
PCB-157	69782-90-7	ppt-TOC	40400		246		3660		238		884	U	1680	U	11400		1200		253				
PCB-158/160	74472-42-7/4141	ppt-TOC	218000		1010		17900		1020	U	884	U	1680	U	58300		5950		1100	U			
PCB-159	39635-35-3	ppt-TOC	17200		838	U	2720		1020	U	884	U	1680	U	7780		885		1100	U			
PCB-16/32	PCB-16/32	ppt-TOC	1180000		2740		56200		1020	U	884	U	1680	U	219000		19500		2380				
PCB-166	41411-63-6	ppt-TOC	8040		838	U	5460	U	1020	U	884	U	1680	U	2130		2110	U	1100	U			
PCB-167	52663-72-6	ppt-TOC	69600		317		6540		1020	U	884	U	1680	U	21600		2080		373				
PCB-168	59291-65-5	ppt-TOC	3140		838	U	5460	U	1020	U	884	U	1680	U	939		2110	U	1100	U			
PCB-169	32774-16-6	ppt-TOC	1680	U	141	U	5460	U	265		192		197		639		2110	U	301				
PCB-17	37680-66-3	ppt-TOC	716000		1460		34700		1020	U	884	U	1680	U	143000		12700		1400				
PCB-170	35065-30-6	ppt-TOC	412000		1850		35800		1020	U	884	U	1680	U	124000		12800		1410				
PCB-171	52663-71-5	ppt-TOC	117000		838	U	11400		1020	U	884	U	1680	U	36900		4200		1100	U			

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED037		NB01SED037		NB01SED038		NB01SED038		NB01SED038		NB01SED038		NB01SED039		NB01SED039		NB01SED039				
		Sample Name	NB01SED037C-03		NB01SED037C-04		NB01SED038A-01		NB01SED038A-02		NB01SED038A-03		NB01SED038A-04		NB01SED039A-01		NB01SED039A-02		NB01SED039A-03				
		Date Collected	11/14/2005		11/14/2005		11/20/2005		11/20/2005		11/20/2005		11/20/2005		11/17/2005		11/17/2005		11/17/2005				
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-172	52663-74-8	ppt-TOC	68800		838	U	6710		1020	U	884	U	1680	U	23500		2520		1100	U			
PCB-173	68194-16-1	ppt-TOC	9400		838	U	5460	U	1020	U	884	U	1680	U	2970		2110	U	1100	U			
PCB-174	38411-25-5	ppt-TOC	384000		2140		37000		1020	U	884	U	1680	U	133000		13600		1510				
PCB-175	40186-70-7	ppt-TOC	21700		838	U	2420		1020	U	884	U	1680	U	8390		2110	U	1100	U			
PCB-176	52663-65-7	ppt-TOC	62800		838	U	6530		1020	U	884	U	1680	U	21000		2210		1100	U			
PCB-177	52663-70-4	ppt-TOC	276000		1310		28200		1020	U	884	U	1680	U	91700		9400		1100	U			
PCB-178	52663-67-9	ppt-TOC	97200		838	U	10900		1020	U	884	U	1680	U	39500		4180		1100	U			
PCB-179	52663-64-6	ppt-TOC	229000		1220		23200		1020	U	884	U	1680	U	83300		8850		1100	U			
PCB-18	37680-65-2	ppt-TOC	2060000		4340		70400		1020	U	884	U	2860		299000		26500		3240				
PCB-180	35065-29-3	ppt-TOC	1020000		5410		98700		1020	U	884	U	1680	U	362000		36400		3940				
PCB-181	74472-47-2	ppt-TOC	4600		838	U	5460	U	1020	U	884	U	1680	U	739		2110	U	1100	U			
PCB-182/187	PCB-182/187	ppt-TOC	644000		3610		71600		1020	U	884	U	1680	U	274000		27900		2760				
PCB-183	52663-69-1	ppt-TOC	290000		1560		28600		1020	U	884	U	1680	U	105000		10800		1100	U			
PCB-184	74472-48-3	ppt-TOC	620		838	U	5460	U	1020	U	884	U	1680	U	2280	U	2110	U	1100	U			
PCB-185	52712-05-7	ppt-TOC	50000		838	U	4420		1020	U	884	U	1680	U	17000		1830		1100	U			
PCB-186	74472-49-4	ppt-TOC	1680	U	838	U	5460	U	1020	U	884	U	1680	U	2280	U	2110	U	1100	U			
PCB-188	74487-85-7	ppt-TOC	1040		838	U	5460	U	1020	U	884	U	1680	U	794		2110	U	1100	U			
PCB-189	39635-31-9	ppt-TOC	14700		838	U	1910		1020	U	884	U	1680	U	5220		565		1100	U			
PCB-19	38444-73-4	ppt-TOC	118000		838	U	7410		1020	U	884	U	1680	U	28900		2370		1100	U			
PCB-190	41411-64-7	ppt-TOC	87200		838	U	8040		1020	U	884	U	1680	U	27300		2800		1100	U			
PCB-191	74472-50-7	ppt-TOC	16700		838	U	1820		1020	U	884	U	1680	U	5320		635		1100	U			
PCB-192	74472-51-8	ppt-TOC	1680	U	838	U	5460	U	1020	U	884	U	1680	U	2280	U	2110	U	1100	U			
PCB-193	69782-91-8	ppt-TOC	49200		838	U	5140		1020	U	884	U	1680	U	17600		1960		1100	U			
PCB-194	35694-08-7	ppt-TOC	271000		1540		26700		1020	U	884	U	1680	U	127000		12400		1510				
PCB-195	52663-78-2	ppt-TOC	102000		838	U	9030		1020	U	884	U	1680	U	38700		3810		1100	U			
PCB-196/203	PCB-196/203	ppt-TOC	340000		2200		33700		1020	U	884	U	1680	U	212000		21800		2590				
PCB-197	33091-17-7	ppt-TOC	10500		838	U	1280		1020	U	884	U	1680	U	4810		590		1100	U			
PCB-198	68194-17-2	ppt-TOC	15900		838	U	2140		1020	U	884	U	1680	U	11400		1260		1100	U			
PCB-199	52663-75-9	ppt-TOC	301000		2120		33300		1020	U	884	U	1680	U	227000		24900		2850				
PCB-2	2051-61-8	ppt-TOC	13300		1020		3790		1020	U	884	U	1680	U	9670		1340		1800				
PCB-20/21/33	38444-84-7/5570	ppt-TOC	1180000		2460		49200		1020	U	884	U	1680	U	192000		16800		2330				
PCB-200	52663-73-7	ppt-TOC	29600		838	U	2840		1020	U	884	U	1680	U	14800		1230		1100	U			
PCB-201	40186-71-8	ppt-TOC	44000		838	U	4790		1020	U	884	U	1680	U	26100		2690		1100	U			
PCB-202	2136-99-4	ppt-TOC	90000		882		11200		1020	U	884	U	1680	U	93900		11700		1100	U			
PCB-204	74472-52-9	ppt-TOC	1680	U	838	U	5460	U	1020	U	884	U	1680	U	561		2110	U	1100	U			
PCB-205	74472-53-0	ppt-TOC	12300		838	U	1390		1020	U	884	U	1680	U	5890		655		1100	U			
PCB-206	40186-72-9	ppt-TOC	227000		2420		28700		1020	U	884	U	1680	U	321000		40400		4090				
PCB-207	52663-79-3	ppt-TOC	21000		838	U	2750		1020	U	884	U	1680	U	23500		2960		1100	U			
PCB-208	52663-77-1	ppt-TOC	69200		937		10300		1020	U	884	U	1680	U	125000		17400		1710				
PCB-209	2051-24-3	ppt-TOC	220000		2370		22600		1020	U	884	U	1680	U	256000		38200		3430				
PCB-22	38444-85-8	ppt-TOC	912000		2080		50000		1020	U	884	U	1680	U	177000		16100		2060				
PCB-23	55720-44-0	ppt-TOC	1960		838	U	5460	U	1020	U	884	U	1680	U	2280	U	2110	U	1100	U			
PCB-24/27	PCB-24/27	ppt-TOC	125000		838	U	10400		1020	U	884	U	1680	U	38200		3240		1100	U			
PCB-25	55712-37-3	ppt-TOC	205000		838	U	28600		1020	U	884	U	1680	U	89400		7900		1100	U			
PCB-26	38444-81-4	ppt-TOC	368000		904		37600		1020	U	884	U	1680	U	132000		11700		1380				
PCB-28	7012-37-5	ppt-TOC	2850000		6540		237000		1900		1360		5080		822000		74000		8190				
PCB-29	15862-07-4	ppt-TOC	7000		838	U	5460	U	1020	U	884	U	1680	U	1940		2110	U	1100	U			
PCB-3	2051-62-9	ppt-TOC	30800		838	U	6170		1020	U	884	U	1680	U	21100		2740		1100	U			
PCB-30	35693-92-6	ppt-TOC	1680	U	838	U	5460	U	1020	U	884	U	1680	U	2280	U	2110	U	1100	U			
PCB-31	16606-02-3	ppt-TOC	2570000		6220		167000		1350		1060		3650		546000		47100		5990				
PCB-34	37680-68-5	ppt-TOC	10000		838	U	5460	U	1020	U	884	U	1680	U	3310		2110	U	1100	U			
PCB-35	37680-69-6	ppt-TOC	79600		838	U	6620		1020	U	884	U	1680	U	28900		2380		1100	U			
PCB-36	38444-87-0	ppt-TOC	1550		838	U	5460	U	1020	U	884	U	1680	U	1410		2110	U	1100	U			
PCB-37	38444-90-5	ppt-TOC	672000		1800		77900		1020	U	884	U	1680	U	268000		24300		3060				
PCB-38	53555-66-1	ppt-TOC	13500		838	U	5460	U	1020	U	884	U	1680	U	5170		2110	U	1100	U			
PCB-39	38444-88-1	ppt-TOC	3470		838	U	5460	U	1020	U	884	U	1680	U	2230		2110	U	1100	U			
PCB-4/10	PCB-4/10	ppt-TOC	191000		1670	U	18600	U	2040	U	1770	U	3360	U	86100		6100		2190	U			
PCB-40	38444-93-8	ppt-TOC	544000		1170		26100		1020	U	884	U	1680	U	97800		9650		1110				
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	2350000		5850		139000		1550		1130		3220		490000		46100		5930				
PCB-42/59	36559-22-5/7447	ppt-TOC	888000		2120		57600		1020	U	884	U	1680	U	199000		19400		2240				
PCB-43/49	PCB-43/49	ppt-TOC	2140000		5170		141000		1060		884	U	2470		489000		47300		5340				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED037		NB01SED037		NB01SED038		NB01SED038		NB01SED038		NB01SED038		NB01SED039		NB01SED039		NB01SED039					
		Sample Name	NB01SED037C-03		NB01SED037C-04		NB01SED038A-01		NB01SED038A-02		NB01SED038A-03		NB01SED038A-04		NB01SED039A-01		NB01SED039A-02		NB01SED039A-03					
		Date Collected	11/14/2005		11/14/2005		11/20/2005		11/20/2005		11/20/2005		11/20/2005		11/17/2005		11/17/2005		11/17/2005					
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-44	41464-39-5	ppt-TOC	3010000		7250		136000		1210		1300		3620		508000		49700		6130					
PCB-45	70362-45-7	ppt-TOC	404000		838	U	16600		1020	U	884	U	1680	U	65000		6600		1100	U				
PCB-46	41464-47-5	ppt-TOC	167000		838	U	6950		1020	U	884	U	1680	U	27300		2600		1100	U				
PCB-47	2437-79-8	ppt-TOC	740000		2090		70000		1020	U	884	U	1680	U	230000		21200		2510					
PCB-48/75	70362-47-9/3259	ppt-TOC	588000		1180		25300		1020	U	884	U	1680	U	100000		9100		1180					
PCB-5/8	PCB-5/8	ppt-TOC	544000		1670	U	44500		2040	U	1770	U	3360	U	190000		14800		2500					
PCB-50	62796-65-0	ppt-TOC	5320		838	U	5460	U	1020	U	884	U	1680	U	1670		2110	U	1100	U				
PCB-51	68194-04-7	ppt-TOC	112000		838	U	10600		1020	U	884	U	1680	U	33600		2740		1100	U				
PCB-52/69	35693-99-3/6023	ppt-TOC	3300000		9450		162000		1330		1080		3410		656000		84500		7590					
PCB-53	41464-41-9	ppt-TOC	399000		838	U	20800		1020	U	884	U	1680	U	76100		6650		1100	U				
PCB-54	15968-05-5	ppt-TOC	4640		838	U	5460	U	1020	U	884	U	1680	U	2060		2110	U	1100	U				
PCB-55	74338-24-2	ppt-TOC	35200		838	U	2410		1020	U	884	U	1680	U	7830		785		1100	U				
PCB-56/60	PCB-56/60	ppt-TOC	1740000		3980		90700		1020	U	884	U	1680	U	311000		29700		3380					
PCB-57	70424-67-8	ppt-TOC	11400		838	U	5460	U	1020	U	884	U	1680	U	3620		2110	U	1100	U				
PCB-58	41464-49-7	ppt-TOC	4480		838	U	5460	U	1020	U	884	U	1680	U	2160		2110	U	1100	U				
PCB-6	25569-80-6	ppt-TOC	78400		1670	U	13800	U	2040	U	1770	U	3360	U	48300		3760		2190	U				
PCB-61/70	PCB-61/70	ppt-TOC	2930000		7360		147000		1290		1010		2570		506000		49100		5440					
PCB-62	54230-22-7	ppt-TOC	1680	U	838	U	5460	U	1020	U	884	U	1680	U	2280	U	2110	U	1100	U				
PCB-63	74472-34-7	ppt-TOC	91600		838	U	6710		1020	U	884	U	1680	U	19600		1780		1100	U				
PCB-65	33284-54-7	ppt-TOC	1760		838	U	5460	U	1020	U	884	U	1680	U	2280	U	2110	U	1100	U				
PCB-67	73575-53-8	ppt-TOC	73600		838	U	6580		1020	U	884	U	1680	U	19400		1720		1100	U				
PCB-68	73575-52-7	ppt-TOC	7560		838	U	2220		1020	U	884	U	1680	U	6000		595		1100	U				
PCB-7/9	PCB-7/9	ppt-TOC	39400		1670	U	10900	U	2040	U	1770	U	3360	U	14600		4210	U	2190	U				
PCB-73	74338-23-1	ppt-TOC	1680	U	838	U	5460	U	1020	U	884	U	1680	U	2280	U	2110	U	1100	U				
PCB-74	32690-93-0	ppt-TOC	1200000		3030		76300		1020	U	884	U	1680	U	247000		23500		2630					
PCB-76/66	PCB-76/66	ppt-TOC	2240000		5350		153000		1300		884	U	2210		516000		48200		5200					
PCB-77	32598-13-3	ppt-TOC	264000		821		21400		361		241		484		82200		6850		1010					
PCB-78	70362-49-1	ppt-TOC	1680	U	838	U	5460	U	1020	U	884	U	1680	U	2280	U	2110	U	1100	U				
PCB-79	41464-48-6	ppt-TOC	20300		838	U	3250		1020	U	884	U	1680	U	7000		2110	U	1100	U				
PCB-80	33284-52-5	ppt-TOC	1680	U	838	U	5460	U	1020	U	884	U	1680	U	2280	U	2110	U	1100	U				
PCB-81	70362-50-4	ppt-TOC	13900		838	U	5460	U	1020	U	884	U	1680	U	1700		199		1100	U				
PCB-82	52663-62-4	ppt-TOC	436000		1380		23200		1020	U	884	U	1680	U	80000		8050		1100	U				
PCB-83	60145-20-2	ppt-TOC	3010		838	U	5460	U	1020	U	884	U	1680	U	2280	U	2110	U	1100	U				
PCB-84/92	52663-60-2/5266	ppt-TOC	1290000		4280		77600		1020	U	884	U	1680	U	261000		25200		2510					
PCB-85/116	PCB-85/116	ppt-TOC	580000		1940		35100		1020	U	884	U	1680	U	118000		12200		1530					
PCB-86	55312-69-1	ppt-TOC	28700		838	U	1890		1020	U	884	U	1680	U	4680		2110	U	1100	U				
PCB-87/117/125	38380-02-8/6819	ppt-TOC	1250000		4670		65700		1020	U	884	U	1680	U	234000		23500		2640					
PCB-88/91	PCB-88/91	ppt-TOC	452000		1450		34900		1020	U	884	U	1680	U	109000		10100		1140					
PCB-89	73575-57-2	ppt-TOC	54000		838	U	2610		1020	U	884	U	1680	U	8780		2110	U	1100	U				
PCB-90/101	PCB-90/101	ppt-TOC	2990000		11100		192000		1790		1050		2950		672000		65500		6940					
PCB-93	73575-56-1	ppt-TOC	1680	U	838	U	5460	U	1020	U	884	U	1680	U	2280	U	2110	U	1100	U				
PCB-94	73575-55-0	ppt-TOC	16900		838	U	2280		1020	U	884	U	1680	U	5670		2110	U	1100	U				
PCB-95/98/102	38379-99-6/6023	ppt-TOC	2300000		8170		142000		1460		971		1680	U	483000		46800		5510					
PCB-96	73575-54-9	ppt-TOC	26200		838	U	2210		1020	U	884	U	1680	U	6500		795		1100	U				
PCB-97	41464-51-1	ppt-TOC	988000		3320		61200		1020	U	884	U	1680	U	208000		20000		2200					
PCB-99	38380-01-7	ppt-TOC	1280000		4440		101000		1020	U	884	U	1680	U	328000		31300		3330					
Total PCB Congeners (209)	No CAS	ppt-TOC	72000000		221000		5010000		23600		14000		18400		18500000		1800000		183000					
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	54400000		180000		3740000		26300		12200		45100		14100000		1440000		153000					

Table B-6
TOC-Normalized Congener PCBs

			Location ID		NB01SED039		NB01SED040		NB01SED040		NB01SED040		NB01SED040		NB01SED041		NB01SED041		NB01SED041		NB01SED041	
			Sample Name		NB01SED039A-04		NB01SED040A-01		NB01SED040A-02		NB01SED040A-03		NB01SED040A-04		NB01SED041A-01		NB01SED041A-02		NB01SED041A-03		NB01SED041A-04	
			Date Collected		11/17/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
			Depth		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	1250	U	1600		988		320		344		14900		836		531		908	
PCB-100	39485-83-1	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	7470		538		537	U	1050	U
PCB-103	60145-21-3	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	9200		1180		319		1050	U
PCB-104	56558-16-8	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U
PCB-105	32598-14-4	ppt-TOC	8960		1060		3530		192		172		367000		63200		9400		4880	
PCB-106/118	PCB-106/118	ppt-TOC	23000		2800		9630		390		446		1070000		175000		29100		14500	
PCB-107/109	70424-68-9/7447	ppt-TOC	2000		333		856		278	U	201	U	71300		10600		2040		1230	
PCB-108/112	70362-41-3/7447	ppt-TOC	1460		827	U	716		278	U	201	U	52700		6830		1490		865	
PCB-11	2050-67-1	ppt-TOC	7690		2650		9940		1710		663		404000		10600		2120		2150	
PCB-110	38380-03-9	ppt-TOC	29600		3160		12300		510		520		1370000		201000		35400		17900	
PCB-111/115	PCB-111/115	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	24300		4150		701		1050	U
PCB-113	68194-10-5	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2070		879	U	537	U	1050	U
PCB-114	74472-37-0	ppt-TOC	588		827	U	1320	U	278	U	201	U	23000		3720		649		1050	U
PCB-119	56558-17-9	ppt-TOC	1250	U	827	U	453		278	U	201	U	23300		3260		733		540	
PCB-12/13	PCB-12/13	ppt-TOC	2490	U	1660	U	3030		555	U	407	U	55000		2300	U	1080	U	2110	U
PCB-120	68194-12-7	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U
PCB-121	56558-18-0	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U
PCB-122	76842-07-4	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	11100		1710		372		1050	U
PCB-123	65510-44-3	ppt-TOC	561		827	U	1320	U	278	U	201	U	18400		2870		564		1050	U
PCB-124	70424-70-3	ppt-TOC	1250	U	827	U	463		278	U	201	U	41500		6380		1470		968	
PCB-126	57465-28-8	ppt-TOC	240		827	U	1320	U	201		201	U	10100		828		303		1050	U
PCB-127	39635-33-1	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U
PCB-128/162	PCB-128/162	ppt-TOC	2910		353		1350		278	U	201	U	145000		24300		4380		2190	
PCB-129	55215-18-4	ppt-TOC	1250	U	827	U	434		278	U	201	U	41700		6510		1260		1050	U
PCB-130	52663-66-8	ppt-TOC	1300		216		559		278	U	201	U	56700		8190		1710		968	
PCB-131	61798-70-7	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U
PCB-132/161	38380-05-1/7447	ppt-TOC	5630		600		2150		278	U	201	U	251000		39600		7050		3450	
PCB-133/142	PCB-133/142	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	25300		3910		1040		780	
PCB-134/143	PCB-134/143	ppt-TOC	1250	U	827	U	478		278	U	201	U	45600		6450		1560		883	
PCB-135	52744-13-5	ppt-TOC	2900		404		1170		278	U	201	U	121000		18100		4210		2550	
PCB-136	38411-22-2	ppt-TOC	2990		296		1120		278	U	201	U	129000		19800		4380		2260	
PCB-137	35694-06-5	ppt-TOC	1250	U	827	U	397		278	U	201	U	48900		8490		1590		788	
PCB-138/163/164	35065-28-2/7447	ppt-TOC	21300		2330		8220		326		312		940000		157000		27900		13900	
PCB-139/149	PCB-139/149	ppt-TOC	18700		2020		7000		278	U	280		807000		133000		30300		18100	
PCB-14	34883-41-5	ppt-TOC	2490	U	1660	U	2630	U	555	U	402	U	5360	U	1760	U	1080	U	2110	U
PCB-140	59291-64-4	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	5510		815		246		1050	U
PCB-141	52712-04-6	ppt-TOC	3430		473		1460		278	U	201	U	167000		27700		5680		3080	
PCB-144	68194-14-9	ppt-TOC	1250	U	827	U	466		278	U	201	U	47100		7890		1790		1050	U
PCB-145	74472-40-5	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U
PCB-146/165	51908-16-8/7447	ppt-TOC	3150		465		1280		278	U	201	U	113000		19300		4770		3950	
PCB-147	68194-13-8	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	24700		3490		903		1050	U
PCB-148	74472-41-6	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2240		440		537	U	1050	U
PCB-15	2050-68-2	ppt-TOC	16900		6250		15700		3720		1800		328000		17300		5420		4780	
PCB-150	68194-08-1	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2580		879	U	537	U	1050	U
PCB-151	52663-63-5	ppt-TOC	5400		827	U	1960		278	U	201	U	215000		37200		10500		8080	
PCB-152	68194-09-2	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	1270		879	U	537	U	1050	U
PCB-153	35065-27-1	ppt-TOC	19700		2220		7590		278	U	368		873000		163000		36300		28000	
PCB-154	60145-22-4	ppt-TOC	1250	U	827	U	304		278	U	201	U	12900		2400		982		1320	
PCB-155	33979-03-2	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	4110		879	U	537	U	1050	U
PCB-156	38380-08-4	ppt-TOC	1750		827	U	750		278	U	201	U	90000		15200		2860		1510	
PCB-157	69782-90-7	ppt-TOC	539		827	U	259		278	U	201	U	20500		5110		537	U	370	
PCB-158/160	74472-42-7/4141	ppt-TOC	2340		284		934		278	U	201	U	108000		18000		3260		1690	
PCB-159	39635-35-3	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	10700		3700		2050		2390	
PCB-16/32	PCB-16/32	ppt-TOC	8280		984		5280		359	U	256	U	195000		11000		3050		1740	
PCB-166	41411-63-6	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	4150		545		199		1050	U
PCB-167	52663-72-6	ppt-TOC	940		153		409		278	U	201	U	35100		5790		1200		1050	U
PCB-168	59291-65-5	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	1500		879	U	537	U	1050	U
PCB-169	32774-16-6	ppt-TOC	1250	U	827	U	1320	U	175		201	U	2680	U	879	U	537	U	1050	U
PCB-17	37680-66-3	ppt-TOC	5490		798		3500		278	U	213	U	133000		7320		2130		1140	
PCB-170	35065-30-6	ppt-TOC	4850		692		2050		278	U	201	U	214000		41700		9580		6030	
PCB-171	52663-71-5	ppt-TOC	1350		222		647		278	U	201	U	61400		12500		3090		1920	

Table B-6
TOC-Normalized Congener PCBs

			Location ID		NB01SED039		NB01SED040		NB01SED040		NB01SED040		NB01SED040		NB01SED041		NB01SED041		NB01SED041		NB01SED041	
			Sample Name		NB01SED039A-04		NB01SED040A-01		NB01SED040A-02		NB01SED040A-03		NB01SED040A-04		NB01SED041A-01		NB01SED041A-02		NB01SED041A-03		NB01SED041A-04	
			Date Collected		11/17/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
			Depth		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC	1250	U	827	U	431		278	U	201	U	38700		14100		4920		3680			
PCB-173	68194-16-1	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	5420		977		537	U	1050	U		
PCB-174	38411-25-5	ppt-TOC	5220		673		1950		278	U	201	U	254000		56800		22400		22800			
PCB-175	40186-70-7	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	13100		4170		1910		1480			
PCB-176	52663-65-7	ppt-TOC	1250	U	827	U	341		278	U	201	U	36600		8210		2820		2580			
PCB-177	52663-70-4	ppt-TOC	3880		412		1370		278	U	201	U	145000		31100		9810		8700			
PCB-178	52663-67-9	ppt-TOC	1470		827	U	591		278	U	201	U	58800		23400		10900		8930			
PCB-179	52663-64-6	ppt-TOC	3370		363		1090		278	U	201	U	139000		35500		15600		17100			
PCB-18	37680-65-2	ppt-TOC	11400		1680		7160		417	U	231	U	281000		16100		4720		2830			
PCB-180	35065-29-3	ppt-TOC	14100		1560		4840		278	U	201	U	644000		161000		68100		89800			
PCB-181	74472-47-2	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	1550		691		317		1050	U		
PCB-182/187	PCB-182/187	ppt-TOC	10600		949	U	3720		278	U	201	U	424000		152000		77300		92300			
PCB-183	52663-69-1	ppt-TOC	4220		492		1560		278	U	201	U	179000		49800		21000		20400			
PCB-184	74472-48-3	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	867		434		185		1050	U		
PCB-185	52712-05-7	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	32500		8530		4130		5200			
PCB-186	74472-49-4	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U		
PCB-188	74487-85-7	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	727		979		410		1050	U		
PCB-189	39635-31-9	ppt-TOC	331		827	U	1320	U	278	U	201	U	8000		2100		736		590			
PCB-19	38444-73-4	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	24200		1410		537	U	1050	U		
PCB-190	41411-64-7	ppt-TOC	1250	U	827	U	422		278	U	201	U	46600		9740		2880		2530			
PCB-191	74472-50-7	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	9530		2260		717		1050	U		
PCB-192	74472-51-8	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U		
PCB-193	69782-91-8	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	28000		7020		2790		2160			
PCB-194	35694-08-7	ppt-TOC	4600		527		1480		278	U	201	U	218000		116000		57600		78500			
PCB-195	52663-78-2	ppt-TOC	1450		827	U	1320	U	278	U	201	U	64400		25300		9880		13200			
PCB-196/203	PCB-196/203	ppt-TOC	8390		633		1960		278	U	201	U	327000		389000		177000		138000			
PCB-197	33091-17-7	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	7930		4300		2060		2460			
PCB-198	68194-17-2	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	15000		27700		16300		8950			
PCB-199	52663-75-9	ppt-TOC	9430		541		2070		278	U	201	U	369000		564000		263000		155000			
PCB-2	2051-61-8	ppt-TOC	1250	U	1020		1370		1600		1120		10900		1400		669		1130			
PCB-20/21/33	38444-84-7/5570	ppt-TOC	7340		708		3880		772	U	315		180000		10300		3330		1840			
PCB-200	52663-73-7	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	26300		12100		7210		10700			
PCB-201	40186-71-8	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	37200		42600		20300		18600			
PCB-202	2136-99-4	ppt-TOC	3910		229		688		278	U	201	U	113000		338000		146000		57300			
PCB-204	74472-52-9	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	1020		477		1050	U		
PCB-205	74472-53-0	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	8930		8190		3180		2600			
PCB-206	40186-72-9	ppt-TOC	13300		963		2100		324		295		610000		1660000		522000		218000			
PCB-207	52663-79-3	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	41100		68900		24400		18300			
PCB-208	52663-77-1	ppt-TOC	5580		388		888		278	U	201	U	213000		664000		240000		80500			
PCB-209	2051-24-3	ppt-TOC	10700		2840		4190		2320		802		747000		1110000		296000		97300			
PCB-22	38444-85-8	ppt-TOC	7060		825		3810		493	U	280		149000		8600		2380		1280			
PCB-23	55720-44-0	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U		
PCB-24/27	PCB-24/27	ppt-TOC	1400		827	U	997		278	U	201	U	30300		1780		410		1050	U		
PCB-25	55712-37-3	ppt-TOC	3240		549		2450		278	U	201	U	68000		2850		735		1050	U		
PCB-26	38444-81-4	ppt-TOC	4990		761		3250		407	U	201	U	96000		4090		1240		870			
PCB-28	7012-37-5	ppt-TOC	30600		2510		17100		1100		751		613000		31700		8830		4750			
PCB-29	15862-07-4	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2050		879	U	537	U	1050	U		
PCB-3	2051-62-9	ppt-TOC	1250	U	3820		2070		2380		1560		15700		2980		1450		1950			
PCB-30	35693-92-6	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U		
PCB-31	16606-02-3	ppt-TOC	19900		2670		13700		1450		954		415000		23200		6210		3930			
PCB-34	37680-68-5	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2670		879	U	537	U	1050	U		
PCB-35	37680-69-6	ppt-TOC	1250	U	588		1320	U	340	U	201	U	219000		2660		544		1110			
PCB-36	38444-87-0	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U		
PCB-37	38444-90-5	ppt-TOC	10700		1570		6090		483		300		201000		10100		2590		1490			
PCB-38	53555-66-1	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	3910		879	U	537	U	1050	U		
PCB-39	38444-88-1	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U		
PCB-4/10	PCB-4/10	ppt-TOC	2970		1660	U	2630	U	555	U	402	U	64700		2530	U	1080	U	2110	U		
PCB-40	38444-93-8	ppt-TOC	4270		453		2050		278	U	201	U	86700		5660		1490		968			
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	20600		2040		9220		278	U			466000		33800		7780		4480			
PCB-42/59	36559-22-5/7447	ppt-TOC	8990		759		3840		278	U	201	U	173000		10800		2690		1690			
PCB-43/49	PCB-43/49	ppt-TOC	21500		2310		9690		390		373		489000		40900		9040		5650			

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED039		NB01SED040		NB01SED040		NB01SED040		NB01SED040		NB01SED041		NB01SED041		NB01SED041		NB01SED041				
		Sample Name	NB01SED039A-04		NB01SED040A-01		NB01SED040A-02		NB01SED040A-03		NB01SED040A-04		NB01SED041A-01		NB01SED041A-02		NB01SED041A-03		NB01SED041A-04				
		Date Collected	11/17/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005				
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-44	41464-39-5	ppt-TOC	22700		2000		10100		434		354		595000		53600		11100		6380				
PCB-45	70362-45-7	ppt-TOC	3010		827	U	1570		278	U	201	U	60200		3490		1070		813				
PCB-46	41464-47-5	ppt-TOC	1250	U	827	U	600		278	U	201	U	24800		1760		429		1050	U			
PCB-47	2437-79-8	ppt-TOC	10300		1230		4940		552		201	U	184000		12000		2820		2020				
PCB-48/75	70362-47-9/3259	ppt-TOC	4360		373		2000		278	U	201	U	93300		6150		1530		893				
PCB-5/8	PCB-5/8	ppt-TOC	6070		1660	U	6720		555	U	402	U	160000		7550		2320		2110	U			
PCB-50	62796-65-0	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	1790		879	U	537	U	1050	U			
PCB-51	68194-04-7	ppt-TOC	1420		827	U	900		278	U	201	U	26700		1590		453		1050	U			
PCB-52/69	35693-99-3/6023	ppt-TOC	29700		2760		12700		645		549		827000		101000		22800		16600				
PCB-53	41464-41-9	ppt-TOC	3210		288		1750		278	U	201	U	68700		4510		1170		865				
PCB-54	15968-05-5	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	1770		879	U	537	U	1050	U			
PCB-55	74338-24-2	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	8330		815		242		1050	U			
PCB-56/60	PCB-56/60	ppt-TOC	12000		1470		5660		313		276		266000		21000		4740		2530				
PCB-57	70424-67-8	ppt-TOC	1250	U	827	U	143		278	U	201	U	2990		251		537	U	1050	U			
PCB-58	41464-49-7	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	1370		879	U	537	U	1050	U			
PCB-6	25569-80-6	ppt-TOC	2490	U	1660	U	2630	U	555	U	402	U	37700		1760	U	1080	U	2110	U			
PCB-61/70	PCB-61/70	ppt-TOC	19900		2290		9470		414		395		608000		67200		12900		6480				
PCB-62	54230-22-7	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U			
PCB-63	74472-34-7	ppt-TOC	1250	U	827	U	491		278	U	201	U	17500		1580		358		1050	U			
PCB-65	33284-54-7	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U			
PCB-67	73575-53-8	ppt-TOC	1250	U	827	U	350		278	U	201	U	15300		994		272		1050	U			
PCB-68	73575-52-7	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	4690		362		537	U	1050	U			
PCB-7/9	PCB-7/9	ppt-TOC	2490	U	1660	U	2630	U	555	U	402	U	12100		1760	U	1080	U	2110	U			
PCB-73	74338-23-1	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U			
PCB-74	32690-93-0	ppt-TOC	10100		1090		4500		278	U	195		238000		23400		4490		2580				
PCB-76/66	PCB-76/66	ppt-TOC	19900		2470		9250		400		437		447000		38900		8040		4780				
PCB-77	32598-13-3	ppt-TOC	3040		584		1530		279		135		525000		6530		1400		1940				
PCB-78	70362-49-1	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U			
PCB-79	41464-48-6	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	11500		1580		479		1050	U			
PCB-80	33284-52-5	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U			
PCB-81	70362-50-4	ppt-TOC	173		827	U	1320	U	278	U	201	U	1130		466		123		1050	U			
PCB-82	52663-62-4	ppt-TOC	3310		478		1380		278	U	201	U	128000		18100		3170		1750				
PCB-83	60145-20-2	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U			
PCB-84/92	52663-60-2/5266	ppt-TOC	10400		1280		4970		278	U	187		471000		62300		11800		6430				
PCB-85/116	PCB-85/116	ppt-TOC	5090		622		2180		278	U	201	U	201000		31500		4960		2390				
PCB-86	55312-69-1	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	5910		611		537	U	1050	U			
PCB-87/117/125	38380-02-8/6819	ppt-TOC	10000		1100		3940		278	U	201		464000		67000		11600		5430				
PCB-88/91	PCB-88/91	ppt-TOC	4340		537		2060		278	U	201	U	169000		23600		4260		2390				
PCB-89	73575-57-2	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	11800		1370		537	U	1050	U			
PCB-90/101	PCB-90/101	ppt-TOC	26900		3060		11000		541		480		1220000		180000		32600		16800				
PCB-93	73575-56-1	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	2680	U	879	U	537	U	1050	U			
PCB-94	73575-55-0	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	6110		766		537	U	1050	U			
PCB-95/98/102	38379-99-6/6023	ppt-TOC	19600		2140		8940		383		400		900000		124000		23300		12100				
PCB-96	73575-54-9	ppt-TOC	1250	U	827	U	1320	U	278	U	201	U	7870	U	1100		244		1050	U			
PCB-97	41464-51-1	ppt-TOC	8550		1010		3630		278	U	201	U	363000		51900		9290		4800				
PCB-99	38380-01-7	ppt-TOC	13000		1710		5630		278	U	222		531000		87000		13600		7450				
Total PCB Congeners (209)	No CAS	ppt-TOC	706000		88800		341000		21600		15500		26000000		8130000		2540000		1470000				
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	563000		59800		246000		14300		10200		21500000		8360000		2360000		1270000				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED042		NB01SED042		NB01SED042		NB01SED043		NB01SED043		NB01SED043		NB01SED044		NB01SED044		NB01SED044	
		Sample Name	NB01SED042B-01		NB01SED042B-02		NB01SED042B-03		NB01SED043C-01		NB01SED043C-02		NB01SED043C-03		NB01SED044A-01		NB01SED044A-02		NB01SED044A-03	
		Date Collected	12/5/2005		12/5/2005		12/5/2005		11/20/2005		11/20/2005		11/20/2005		11/27/2005		11/27/2005		11/27/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	37400		85600		67900		61000		90400		51700		43600		36100		73400	
PCB-100	39485-83-1	ppt-TOC	14600		20400		10600		14700		16200		18000		11200		19400		20700	
PCB-103	60145-21-3	ppt-TOC	16300		17300		11600		13100		16900		25800		10800		16900		24900	
PCB-104	56558-16-8	ppt-TOC	1200		3730	U	1430		1240		1800		3540	U	982		1880		1610	
PCB-105	32598-14-4	ppt-TOC	359000		383000		229000		241000		265000		343000		337000		519000		671000	
PCB-106/118	PCB-106/118	ppt-TOC	913000		1010000		600000		663000		763000		1080000		931000		1340000		1790000	
PCB-107/109	70424-68-9/7447	ppt-TOC	76900		81700		52500		55600		65800		96700		68500		107000		142000	
PCB-108/112	70362-41-3/7447	ppt-TOC	59300		58000		37100		39300		47900		73600		46500		79400		108000	
PCB-11	2050-67-1	ppt-TOC	456000		321000		275000		214000		264000		394000		185000		1030000		976000	
PCB-110	38380-03-9	ppt-TOC	1240000		1240000		758000		819000		988000		1500000		1110000		1740000		2400000	
PCB-111/115	PCB-111/115	ppt-TOC	21100		21700		12000		13300		16600		21000		16300		33900		41200	
PCB-113	68194-10-5	ppt-TOC	4540		4110		3320		2930		2910		4350		1900		6130		3510	
PCB-114	74472-37-0	ppt-TOC	22300		22200		12800		12300		14300		19900		20500		31700		44100	
PCB-119	56558-17-9	ppt-TOC	33300		38300		23100		25800		34000		51300		23500		38400		56300	
PCB-12/13	PCB-12/13	ppt-TOC	172000		181000		118000		128000		172000		200000		82500		184000		439000	
PCB-120	68194-12-7	ppt-TOC	3490		4660		2440		3620		4160		8330		1630		2410		5320	
PCB-121	56558-18-0	ppt-TOC	2510	U	3730	U	2110	U	2650	U	1810	U	3540	U	1520	U	1380	U	1050	U
PCB-122	76842-07-4	ppt-TOC	14000		14100		9530		8810		9960		12700		12100		18700		28500	
PCB-123	65510-44-3	ppt-TOC	18800		20500		12800		13300		15000		19700		15100		26800		36100	
PCB-124	70424-70-3	ppt-TOC	38900		37300		22500		23000		25600		36700		39900		64200		84400	
PCB-126	57465-28-8	ppt-TOC	6160		7200		4320		4640		4960		5890		5150		8520		10500	
PCB-127	39635-33-1	ppt-TOC	2510	U	3730	U	2110	U	2650	U	1810	U	3540	U	1520	U	1380	U	1050	U
PCB-128/162	PCB-128/162	ppt-TOC	120000		135000		81600		80000		93300		131000		156000		182000		259000	
PCB-129	55215-18-4	ppt-TOC	31800		31500		19100		18700		22300		30800		48700		53500		67800	
PCB-130	52663-66-8	ppt-TOC	53300		61200		38400		37900		42900		65900		68300		83900		117000	
PCB-131	61798-70-7	ppt-TOC	2510	U	3730	U	2110	U	2650	U	1810	U	3540	U	1520	U	1380	U	1050	U
PCB-132/161	38380-05-1/7447	ppt-TOC	225000		231000		148000		146000		168000		258000		258000		352000		476000	
PCB-133/142	PCB-133/142	ppt-TOC	25300		28200		16300		16300		18900		30800		30000		35200		47600	
PCB-134/143	PCB-134/143	ppt-TOC	44800		48800		29900		27700		32600		48400		53600		64500		89500	
PCB-135	52744-13-5	ppt-TOC	117000		132000		80000		81900		98800		147000		135000		187000		254000	
PCB-136	38411-22-2	ppt-TOC	123000		126000		77900		81900		97100		148000		122000		191000		288000	
PCB-137	35694-06-5	ppt-TOC	36800		36600		20300		21900		26000		39500		52100		57700		70000	
PCB-138/163/164	35065-28-2/7447	ppt-TOC	838000		945000		547000		571000		675000		975000		1010000		1340000		1730000	
PCB-139/149	PCB-139/149	ppt-TOC	763000		846000		521000		546000		638000		950000		822000		1210000		1680000	
PCB-14	34883-41-5	ppt-TOC	5030	U	7450	U	4220	U	5290	U	3620	U	7080	U	3040	U	2750	U	2100	U
PCB-140	59291-64-4	ppt-TOC	5710		6960		4660		3730	U	5130		8670		5580		9100		11900	
PCB-141	52712-04-6	ppt-TOC	138000		136000		83200		85000		98300		147000		169000		240000		312000	
PCB-144	68194-14-9	ppt-TOC	44600		40400		25800		27600		30400		46800		43400		69000		89300	
PCB-145	74472-40-5	ppt-TOC	2510	U	3730	U	2110	U	2650	U	1810	U	3540	U	413		1380	U	910	
PCB-146/165	51908-16-8/7447	ppt-TOC	126000		148000		90000		89400		105000		163000		140000		184000		244000	
PCB-147	68194-13-8	ppt-TOC	27300		35300		20900		23700		28200		34400		33500		35800		52900	
PCB-148	74472-41-6	ppt-TOC	1460		3160		1930		2370		2500		2890		1960		3580		3590	
PCB-15	2050-68-2	ppt-TOC	794000		1160000		795000		844000		1090000		1030000		554000		948000		1520000	
PCB-150	68194-08-1	ppt-TOC	3680		4950		2830		3230		3970		4230		3970		3940		8510	
PCB-151	52663-63-5	ppt-TOC	205000		229000		136000		144000		170000		253000		202000		335000		441000	
PCB-152	68194-09-2	ppt-TOC	1340		3730	U	868		1100		1330		1790		1320		1850		2280	
PCB-153	35065-27-1	ppt-TOC	825000		945000		553000		582000		658000		983000		884000		1290000		1730000	
PCB-154	60145-22-4	ppt-TOC	21500		30200		16700		20800		23200		28000		22700		23800		43700	
PCB-155	33979-03-2	ppt-TOC	11400		5070	U	3650		3470		4630		9920		5830		96100		73200	
PCB-156	38380-08-4	ppt-TOC	75000		80400		47300		47300		55400		77300		105000		120000		161000	
PCB-157	69782-90-7	ppt-TOC	17100		20900		11500		11300		12600		18100		23000		25100		37300	
PCB-158/160	74472-42-7/4141	ppt-TOC	89400		97300		54200		57500		66300		98300		116000		144000		194000	
PCB-159	39635-35-3	ppt-TOC	11100		12300		8530		7000		8000		11300		7100		11400		16700	
PCB-16/32	PCB-16/32	ppt-TOC	608000		432000		297000		286000		383000		540000		301000		961000		2240000	
PCB-166	41411-63-6	ppt-TOC	2930		3880		1480		2260		2210		3120		4100		4520		7290	
PCB-167	52663-72-6	ppt-TOC	30900		36800		22200		21700		24200		33400		42500		50300		71500	
PCB-168	59291-65-5	ppt-TOC	2260		2790		1780		1440		1690		2460		1400		1380	U	2560	
PCB-169	32774-16-6	ppt-TOC	2510	U	3730	U	2110	U	2650	U	1810	U	3540	U	1520	U	1380	U	1050	U
PCB-17	37680-66-3	ppt-TOC	455000		324000		225000		209000		293000		413000		200000		645000		1600000	
PCB-170	35065-30-6	ppt-TOC	198000		224000		134000		139000		156000		240000		192000		335000		424000	
PCB-171	52663-71-5	ppt-TOC	59800		64800		42700		42600		46700		73400		54700		100000		128000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED042		NB01SED042		NB01SED042		NB01SED043		NB01SED043		NB01SED043		NB01SED044		NB01SED044		NB01SED044				
		Sample Name	NB01SED042B-01		NB01SED042B-02		NB01SED042B-03		NB01SED043C-01		NB01SED043C-02		NB01SED043C-03		NB01SED044A-01		NB01SED044A-02		NB01SED044A-03				
		Date Collected	12/5/2005		12/5/2005		12/5/2005		11/20/2005		11/20/2005		11/20/2005		11/27/2005		11/27/2005		11/27/2005				
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-172	52663-74-8	ppt-TOC	36300		38900		25400		25900		28800		44500		31800		61000		72700				
PCB-173	68194-16-1	ppt-TOC	5630		4960		3570		3370		2650		5710		4630		7390		9760				
PCB-174	38411-25-5	ppt-TOC	219000		224000		146000		147000		169000		268000		191000		384000		463000				
PCB-175	40186-70-7	ppt-TOC	12400		13800		8320		8630		9170		14000		9620		20600		23300				
PCB-176	52663-65-7	ppt-TOC	33100		35700		22100		22500		25900		41800		26900		56100		70000				
PCB-177	52663-70-4	ppt-TOC	147000		165000		105000		109000		119000		183000		131000		253000		315000				
PCB-178	52663-67-9	ppt-TOC	52300		67200		40700		41800		47100		67300		47600		90300		110000				
PCB-179	52663-64-6	ppt-TOC	121000		140000		86300		88800		102000		153000		100000		200000		254000				
PCB-18	37680-65-2	ppt-TOC	925000		569000		384000		367000		483000		741000		380000		1340000		3270000				
PCB-180	35065-29-3	ppt-TOC	534000		593000		373000		387000		429000		653000		465000		939000		1150000				
PCB-181	74472-47-2	ppt-TOC	2820		2520		1230		1030		1380		1730		2070		3000		2900				
PCB-182/187	PCB-182/187	ppt-TOC	348000		449000		259000		275000		313000		443000		315000		590000		724000				
PCB-183	52663-69-1	ppt-TOC	148000		176000		102000		106000		120000		182000		128000		252000		315000				
PCB-184	74472-48-3	ppt-TOC	1560		2010		1130		1390		1810	U	1370		1010		4290		5930				
PCB-185	52712-05-7	ppt-TOC	25700		25500		15600		17600		18600		29200		19400		42600		52900				
PCB-186	74472-49-4	ppt-TOC	2510	U	3730	U	2110	U	2650	U	1810	U	3540	U	1520	U	1380	U	1050	U			
PCB-188	74487-85-7	ppt-TOC	2510	U	2000		1020		1400		1250		1460		2650		1120		1560				
PCB-189	39635-31-9	ppt-TOC	8060		9030		5790		6010		6500		10000		7240		11200		15100				
PCB-19	38444-73-4	ppt-TOC	71300		51200		39800		37300		58300		64200		36600		114000		312000				
PCB-190	41411-64-7	ppt-TOC	43700		49100		28400		30900		34200		51800		36400		67700		85100				
PCB-191	74472-50-7	ppt-TOC	9190		9910		5890		6750		6750		11000		7270		13800		18300				
PCB-192	74472-51-8	ppt-TOC	2510	U	3730	U	2110	U	2650	U	1810	U	3540	U	1520	U	1380	U	1050	U			
PCB-193	69782-91-8	ppt-TOC	28200		32700		19400		20200		22200		33100		21200		41300		54600				
PCB-194	35694-08-7	ppt-TOC	136000		163000		98400		107000		123000		172000		105000		204000		236000				
PCB-195	52663-78-2	ppt-TOC	54800		62200		37000		40300		45400		65700		40900		76500		92400				
PCB-196/203	PCB-196/203	ppt-TOC	177000		220000		133000		148000		161000		226000		129000		278000		339000				
PCB-197	33091-17-7	ppt-TOC	5830		7460		4360		4860		4960		7230		4790		8520		9850				
PCB-198	68194-17-2	ppt-TOC	8000		10900		6420		6690		7500		10500		8660		11400		17100				
PCB-199	52663-75-9	ppt-TOC	169000		218000		137000		144000		158000		217000		135000		276000		305000				
PCB-2	2051-61-8	ppt-TOC	17600		24100		20100		16700		22500		20300		15700		32600		29800				
PCB-20/21/33	38444-84-7/5570	ppt-TOC	495000		372000		260000		241000		287000		404000		228000		852000		1380000				
PCB-200	52663-73-7	ppt-TOC	16400		18600		12000		12900		14600		20600		13100		26000		31000				
PCB-201	40186-71-8	ppt-TOC	23200		30300		17200		19700		21300		29500		19300		37400		40700				
PCB-202	2136-99-4	ppt-TOC	48800		74400		43100		45400		49200		65200		51500		76800		83200				
PCB-204	74472-52-9	ppt-TOC	2510	U	3730	U	2110	U	2650	U	1810	U	3540	U	1520	U	1380	U	1050	U			
PCB-205	74472-53-0	ppt-TOC	6250		7900		4790		5760		5710		8130		4210		7810		8610				
PCB-206	40186-72-9	ppt-TOC	119000		187000		112000		125000		140000		163000		122000		169000		164000				
PCB-207	52663-79-3	ppt-TOC	10900		16500		10500		12500		13500		15700		9900		14300		17100				
PCB-208	52663-77-1	ppt-TOC	41100		62100		39900		43700		49200		59300		38100		52900		54400				
PCB-209	2051-24-3	ppt-TOC	108000		168000		94700		109000		110000		147000		107000		191000		171000				
PCB-22	38444-85-8	ppt-TOC	432000		352000		249000		241000		290000		427000		210000		694000		1180000				
PCB-23	55720-44-0	ppt-TOC	2510	U	3730	U	2110	U	2650	U	1810	U	3540	U	542		2130		3730				
PCB-24/27	PCB-24/27	ppt-TOC	96300		84500		60000		58000		79600		95800		50100		137000		341000				
PCB-25	55712-37-3	ppt-TOC	200000		263000		184000		169000		212000		242000		121000		278000		412000				
PCB-26	38444-81-4	ppt-TOC	303000		364000		257000		236000		300000		337000		186000		426000		688000				
PCB-28	7012-37-5	ppt-TOC	1760000		1980000		1320000		1240000		1550000		2050000		916000		2450000		4120000				
PCB-29	15862-07-4	ppt-TOC	4160		3730	U	2440		2780		2660		3430		2470		8520		11200				
PCB-3	2051-62-9	ppt-TOC	37500		55900		42200		42800		51300		44400		34200		63500		80700				
PCB-30	35693-92-6	ppt-TOC	2510	U	3730	U	2110	U	2650	U	1810	U	3540	U	394		1380	U	4000				
PCB-31	16606-02-3	ppt-TOC	1290000		1260000		942000		863000		1060000		1430000		712000		2130000		3320000				
PCB-34	37680-68-5	ppt-TOC	11500		9550		7210		6440		8750		13800		4690		11900		22000				
PCB-35	37680-69-6	ppt-TOC	46000		54100		40400		37600		45800		69100		30800		82900		102000				
PCB-36	38444-87-0	ppt-TOC	2110		2490		2340		2330		2280		2680		1180		2530		1050	U			
PCB-37	38444-90-5	ppt-TOC	446000		609000		438000		428000		529000		618000		332000		703000		978000				
PCB-38	53555-66-1	ppt-TOC	12300		11700		6790		7690		8290		12700		7320		10200		40200				
PCB-39	38444-88-1	ppt-TOC	4470		6110		5040		4560		5710		8270		2410		4840		7020				
PCB-4/10	PCB-4/10	ppt-TOC	164000		200000		161000		139000		220000		178000		85300		193000		527000				
PCB-40	38444-93-8	ppt-TOC	228000		171000		118000		113000		136000		232000		89700		355000		549000				
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	1160000		853000		605000		569000		708000		1100000		409000		1540000		2120000				
PCB-42/59	36559-22-5/7447	ppt-TOC	482000		377000		257000		242000		308000		493000		230000		710000		1050000				
PCB-43/49	PCB-43/49	ppt-TOC	1190000		982000		674000		638000		821000		1260000		590000		1660000		2540000				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED042		NB01SED042		NB01SED042		NB01SED043		NB01SED043		NB01SED043		NB01SED044		NB01SED044		NB01SED044	
		Sample Name	NB01SED042B-01		NB01SED042B-02		NB01SED042B-03		NB01SED043C-01		NB01SED043C-02		NB01SED043C-03		NB01SED044A-01		NB01SED044A-02		NB01SED044A-03	
		Date Collected	12/5/2005		12/5/2005		12/5/2005		11/20/2005		11/20/2005		11/20/2005		11/27/2005		11/27/2005		11/27/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	1260000		906000		605000		576000		725000		1200000		629000		1900000		2830000	
PCB-45	70362-45-7	ppt-TOC	175000		110000		78400		71900		94200		164000		86400		290000		466000	
PCB-46	41464-47-5	ppt-TOC	72500		47100		34300		31100		41100		69800		36000		114000		187000	
PCB-47	2437-79-8	ppt-TOC	508000		495000		341000		319000		407000		578000		280000		703000		976000	
PCB-48/75	70362-47-9/3259	ppt-TOC	249000		195000		120000		118000		156000		267000		124000		394000		685000	
PCB-5/8	PCB-5/8	ppt-TOC	384000		445000		326000		312000		421000		370000		225000		555000		1210000	
PCB-50	62796-65-0	ppt-TOC	4110		3340		2040		1870		2710		4700		1940		6970		10400	
PCB-51	68194-04-7	ppt-TOC	73100		69100		44500		44700		56700		85000		44400		108000		160000	
PCB-52/69	35693-99-3/6023	ppt-TOC	1390000		1070000		716000		681000		867000		1390000		725000		2080000		3150000	
PCB-53	41464-41-9	ppt-TOC	183000		139000		93700		86900		115000		185000		95000		291000		468000	
PCB-54	15968-05-5	ppt-TOC	4240		3990		2630		2520		3180		4520		2800		6000		8630	
PCB-55	74338-24-2	ppt-TOC	15300		14700		9630		8630		10500		12400		11000		25300		37300	
PCB-56/60	PCB-56/60	ppt-TOC	669000		619000		416000		376000		450000		646000		457000		1110000		1550000	
PCB-57	70424-67-8	ppt-TOC	7880		9050		6580		5390		6540		9500		5880		13700		22000	
PCB-58	41464-49-7	ppt-TOC	4890		4690		3600		3370		4380		7450		3030		7060		10000	
PCB-6	25569-80-6	ppt-TOC	95000		143000		103000		94400		136000		109000		66200		109000		271000	
PCB-61/70	PCB-61/70	ppt-TOC	1280000		1060000		742000		644000		783000		1260000		874000		2130000		3270000	
PCB-62	54230-22-7	ppt-TOC	2510	U	3730	U	2110	U	2650	U	1810	U	3540	U	1520	U	1380	U	1050	U
PCB-63	74472-34-7	ppt-TOC	47400		45400		32500		27800		34200		48000		33200		81300		128000	
PCB-65	33284-54-7	ppt-TOC	2510	U	3730	U	2110	U	2650	U	1810	U	3540	U	1520	U	1380	U	1050	U
PCB-67	73575-53-8	ppt-TOC	40600		39900		28600		24300		29800		41800		31200		71000		108000	
PCB-68	73575-52-7	ppt-TOC	12100		10800		8320		8060		9880		13800		3370		7060		9220	
PCB-7/9	PCB-7/9	ppt-TOC	31700		26100		19600		20600		26600		26300		14000		50000		113000	
PCB-73	74338-23-1	ppt-TOC	2510	U	3730	U	2110	U	2650	U	1810	U	1180000		1520	U	1380	U	1050	U
PCB-74	32690-93-0	ppt-TOC	548000		525000		355000		303000		380000		537000		399000		919000		1310000	
PCB-76/66	PCB-76/66	ppt-TOC	1180000		1090000		753000		669000		808000		1260000		802000		1840000		2680000	
PCB-77	32598-13-3	ppt-TOC	136000		167000		108000		113000		129000		183000		130000		247000		276000	
PCB-78	70362-49-1	ppt-TOC	2510	U	3730	U	2110	U	2650	U	1810	U	3540	U	2990		4130		6850	
PCB-79	41464-48-6	ppt-TOC	16000		17300		9160		9810		11300	U	15900		11300		16500		28800	
PCB-80	33284-52-5	ppt-TOC	2510	U	3730	U	2110	U	2650	U	1810	U	3540	U	1520	U	1380	U	1050	U
PCB-81	70362-50-4	ppt-TOC	3560		3400		1980		2560		1270		2420		2780		5230		10200	
PCB-82	52663-62-4	ppt-TOC	129000		124000		78400		83100		97100		138000		126000		216000		280000	
PCB-83	60145-20-2	ppt-TOC	1190		3730	U	532		631		842		3540	U	596		1570		1760	
PCB-84/92	52663-60-2/5266	ppt-TOC	467000		440000		270000		288000		355000		568000		396000		681000		934000	
PCB-85/116	PCB-85/116	ppt-TOC	191000		197000		119000		126000		149000		220000		159000		284000		380000	
PCB-86	55312-69-1	ppt-TOC	8630		7090		4220		4700		5040		6980		4430		12000		9590	
PCB-87/117/125	38380-02-8/6819	ppt-TOC	359000		363000		216000		232000		274000		386000		348000		542000		688000	
PCB-88/91	PCB-88/91	ppt-TOC	204000		202000		129000		133000		174000		248000		145000		263000		424000	
PCB-89	73575-57-2	ppt-TOC	18400		15900		9580		9880		11600		20600		10700		24800		32700	
PCB-90/101	PCB-90/101	ppt-TOC	1130000		1100000		653000		700000		850000		1340000		989000		1630000		2230000	
PCB-93	73575-56-1	ppt-TOC	2510	U	3730	U	2110	U	2650	U	1810	U	3540	U	1520	U	1380	U	1050	U
PCB-94	73575-55-0	ppt-TOC	9630		11400		7370		7310		9420		12500		7480		14200		20700	
PCB-95/98/102	38379-99-6/6023	ppt-TOC	850000		770000		490000		516000		654000		1000000		681000		1220000		1860000	
PCB-96	73575-54-9	ppt-TOC	13700		7230		5470		6810		7170		12300		3310		11300		15400	
PCB-97	41464-51-1	ppt-TOC	359000		346000		218000		232000		273000		440000		307000		513000		724000	
PCB-99	38380-01-7	ppt-TOC	572000		585000		356000		388000		463000		734000		479000		800000		1130000	
Total PCB Congeners (209)	No CAS	ppt-TOC	34400000		33600000		22000000		21800000		26600000		39000000		24600000		52300000		78500000	
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	25100000		24900000		15800000		15800000		19000000		27500000		18700000		38100000		57300000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED044		NB01SED044		NB01SED044		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045			
		Sample Name	NB01SED044A-04		NB01SED044A-05		NB01SED044A-06		NB01SED045B-01		NB01SED045B-02		NB01SED045B-03		NB01SED045B-04		NB01SED045B-05		NB01SED045B-06					
		Date Collected	11/27/2005		11/27/2005		11/27/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005					
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-1	2051-60-7	ppt-TOC	136000		120000		143000		11500		473		569	U	833	U	445	U	672	U				
PCB-100	39485-83-1	ppt-TOC	20500		20000		17500		6050		260	U	569	U	833	U	445	U	672	U				
PCB-103	60145-21-3	ppt-TOC	41000		38800		35500		5570		260	U	569	U	833	U	445	U	672	U				
PCB-104	56558-16-8	ppt-TOC	1390	U	626		1010	U	431		260	U	569	U	833	U	445	U	672	U				
PCB-105	32598-14-4	ppt-TOC	1020000		1210000		1580000		177000		3320		629		833	U	445	U	672	U				
PCB-106/118	PCB-106/118	ppt-TOC	3000000		3480000		3830000		460000		9030		1390		833	U	445	U	672	U				
PCB-107/109	70424-68-9/7447	ppt-TOC	231000		262000		263000		33300		650		569	U	833	U	445	U	672	U				
PCB-108/112	70362-41-3/7447	ppt-TOC	187000		232000		265000		24000		397		569	U	833	U	445	U	672	U				
PCB-11	2050-67-1	ppt-TOC	1820000		1410000		2140000		142000		2590		1180	U	1670	U	889	U	1340	U				
PCB-110	38380-03-9	ppt-TOC	3970000		4640000		5150000		624000		10800		1700		833	U	445	U	672	U				
PCB-111/115	PCB-111/115	ppt-TOC	74000		96200		94800		11100		260	U	569	U	833	U	445	U	672	U				
PCB-113	68194-10-5	ppt-TOC	7000		8240		23900		1580		260	U	569	U	833	U	445	U	672	U				
PCB-114	74472-37-0	ppt-TOC	71300		87600		118000		10400		260	U	569	U	833	U	445	U	672	U				
PCB-119	56558-17-9	ppt-TOC	90700		100000		101000		12300		260	U	569	U	833	U	445	U	672	U				
PCB-12/13	PCB-12/13	ppt-TOC	450000		298000		161000		33800		560	U	1140	U	1670	U	889	U	1340	U				
PCB-120	68194-12-7	ppt-TOC	1390	U	964	U	5950		1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-121	56558-18-0	ppt-TOC	1390	U	964	U	1010	U	1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-122	76842-07-4	ppt-TOC	41300		52600		55800		5810		260	U	569	U	833	U	445	U	672	U				
PCB-123	65510-44-3	ppt-TOC	58300		66400		83500		9100		260	U	569	U	833	U	445	U	672	U				
PCB-124	70424-70-3	ppt-TOC	132000		155000		174000		20600		677	U	569	U	833	U	445	U	672	U				
PCB-126	57465-28-8	ppt-TOC	16400		17000		17000		2650		260	U	569	U	833	U	445	U	672	U				
PCB-127	39635-33-1	ppt-TOC	1390	U	964	U	1010	U	1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-128/162	PCB-128/162	ppt-TOC	383000		429000		540000		66200		1420		569	U	833	U	445	U	672	U				
PCB-129	55215-18-4	ppt-TOC	116000		134000		170000		19100		417		569	U	833	U	445	U	672	U				
PCB-130	52663-66-8	ppt-TOC	168000		187000		200000		28000		647		569	U	833	U	445	U	672	U				
PCB-131	61798-70-7	ppt-TOC	907		1000		485		1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-132/161	38380-05-1/7447	ppt-TOC	780000		838000		1000000		121000		3030		569	U	833	U	445	U	672	U				
PCB-133/142	PCB-133/142	ppt-TOC	81300		87600		100000		12500		340		569	U	833	U	445	U	672	U				
PCB-134/143	PCB-134/143	ppt-TOC	152000		171000		199000		23100		553		569	U	833	U	445	U	672	U				
PCB-135	52744-13-5	ppt-TOC	420000		452000		320000		60500		1710		569	U	833	U	445	U	672	U				
PCB-136	38411-22-2	ppt-TOC	433000		479000		333000		66200		1970		569	U	833	U	445	U	672	U				
PCB-137	35694-06-5	ppt-TOC	127000		143000		184000		20000		377		569	U	833	U	445	U	672	U				
PCB-138/163/164	35065-28-2/7447	ppt-TOC	2750000		2880000		3200000		481000		13200		1350		833	U	445	U	672	U				
PCB-139/149	PCB-139/149	ppt-TOC	2710000		2810000		1780000		420000		12700		1320		833	U	445	U	672	U				
PCB-14	34883-41-5	ppt-TOC	2790	U	1930	U	2010	U	3750	U	520	U	1140	U	1670	U	889	U	1340	U				
PCB-140	59291-64-4	ppt-TOC	18400		19800		9080		2490		260	U	569	U	833	U	445	U	672	U				
PCB-141	52712-04-6	ppt-TOC	520000		533000		625000		83800		2720		569	U	833	U	445	U	672	U				
PCB-144	68194-14-9	ppt-TOC	153000		174000		115000		23800		937		569	U	833	U	445	U	672	U				
PCB-145	74472-40-5	ppt-TOC	1230		964	U	1150		1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-146/165	51908-16-8/7447	ppt-TOC	387000		390000		420000		64300		1920		569	U	833	U	445	U	672	U				
PCB-147	68194-13-8	ppt-TOC	76300		86000		46300		12100		282		569	U	833	U	445	U	672	U				
PCB-148	74472-41-6	ppt-TOC	4030		4290		2340		1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-15	2050-68-2	ppt-TOC	2070000		1720000		1530000		197000		3080		1140	U	1670	U	889	U	1340	U				
PCB-150	68194-08-1	ppt-TOC	9170		10900		6150		1810		260	U	569	U	833	U	445	U	672	U				
PCB-151	52663-63-5	ppt-TOC	740000		788000		453000		120000		4200		569	U	833	U	445	U	672	U				
PCB-152	68194-09-2	ppt-TOC	3130		3120		2750		824		260	U	569	U	833	U	445	U	672	U				
PCB-153	35065-27-1	ppt-TOC	2730000		2670000		2900000		471000		16100		1470		833	U	445	U	672	U				
PCB-154	60145-22-4	ppt-TOC	45700		50200		31500		7860		260	U	569	U	833	U	445	U	672	U				
PCB-155	33979-03-2	ppt-TOC	3930		2290		1320		2250		260	U	569	U	833	U	445	U	672	U				
PCB-156	38380-08-4	ppt-TOC	254000		288000		345000		40000		923		569	U	833	U	445	U	672	U				
PCB-157	69782-90-7	ppt-TOC	54000		57900		71300		10300		260	U	569	U	833	U	445	U	672	U				
PCB-158/160	74472-42-7/4141	ppt-TOC	311000		331000		358000		52900		1310		569	U	833	U	445	U	672	U				
PCB-159	39635-35-3	ppt-TOC	27100		25000		21100		6520		380		569	U	833	U	445	U	672	U				
PCB-16/32	PCB-16/32	ppt-TOC	3670000		4640000		3930000		168000		1460		569	U	833	U	445	U	672	U				
PCB-166	41411-63-6	ppt-TOC	10300		12000		12900		1480		260	U	569	U	833	U	445	U	672	U				
PCB-167	52663-72-6	ppt-TOC	104000		111000		128000		17100		433		569	U	833	U	445	U	672	U				
PCB-168	59291-65-5	ppt-TOC	2780		3860		1960		1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-169	32774-16-6	ppt-TOC	1390	U	964	U	1010	U	1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-17	37680-66-3	ppt-TOC	2710000		3260000		2480000		108000		957		569	U	833	U	445	U	672	U				
PCB-170	35065-30-6	ppt-TOC	703000		645000		623000		109000		4430		569	U	833	U	445	U	672	U				
PCB-171	52663-71-5	ppt-TOC	195000		180000		178000		33600		1470		569	U	833	U	445	U	672	U				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED044		NB01SED044		NB01SED044		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045	
		Sample Name	NB01SED044A-04		NB01SED044A-05		NB01SED044A-06		NB01SED045B-01		NB01SED045B-02		NB01SED045B-03		NB01SED045B-04		NB01SED045B-05		NB01SED045B-06					
		Date Collected	11/27/2005		11/27/2005		11/27/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005					
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-172	52663-74-8	ppt-TOC	119000		108000		100000		20800		1270		569	U	833	U	445	U	672	U				
PCB-173	68194-16-1	ppt-TOC	15800		17000		14700		2500		260	U	569	U	833	U	445	U	672	U				
PCB-174	38411-25-5	ppt-TOC	763000		693000		663000		124000		6470		569	U	833	U	445	U	672	U				
PCB-175	40186-70-7	ppt-TOC	40000		38800		54000		7900		407		569	U	833	U	445	U	672	U				
PCB-176	52663-65-7	ppt-TOC	114000		110000		91300		21000		983		569	U	833	U	445	U	672	U				
PCB-177	52663-70-4	ppt-TOC	483000		448000		395000		82400		3930		569	U	833	U	445	U	672	U				
PCB-178	52663-67-9	ppt-TOC	188000		170000		136000		35600		2410		569	U	833	U	445	U	672	U				
PCB-179	52663-64-6	ppt-TOC	420000		405000		328000		83300		4400		569	U	833	U	445	U	672	U				
PCB-18	37680-65-2	ppt-TOC	5330000		7600000		6330000		242000		2220		907		833	U	445	U	672	U				
PCB-180	35065-29-3	ppt-TOC	1850000		1680000		1520000		338000		17900		1020		833	U	445	U	672	U				
PCB-181	74472-47-2	ppt-TOC	4500		5830		11300		843		260	U	569	U	833	U	445	U	672	U				
PCB-182/187	PCB-182/187	ppt-TOC	1190000		1120000		860000		250000		16200		701	U	833	U	445	U	672	U				
PCB-183	52663-69-1	ppt-TOC	507000		483000		395000		106000		5800		569	U	833	U	445	U	672	U				
PCB-184	74472-48-3	ppt-TOC	2800		1880		833		1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-185	52712-05-7	ppt-TOC	91000		80700		76000		17000		957		569	U	833	U	445	U	672	U				
PCB-186	74472-49-4	ppt-TOC	1390	U	964	U	1010	U	1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-188	74487-85-7	ppt-TOC	2500		3100		2060		524		260	U	569	U	833	U	445	U	672	U				
PCB-189	39635-31-9	ppt-TOC	25000		23700		20300		4460		260	U	569	U	833	U	445	U	672	U				
PCB-19	38444-73-4	ppt-TOC	517000		614000		495000		19000		260	U	569	U	833	U	445	U	672	U				
PCB-190	41411-64-7	ppt-TOC	142000		129000		114000		25200		1110		569	U	833	U	445	U	672	U				
PCB-191	74472-50-7	ppt-TOC	25500		24300		22700		5100		260	U	569	U	833	U	445	U	672	U				
PCB-192	74472-51-8	ppt-TOC	1390	U	964	U	1010	U	1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-193	69782-91-8	ppt-TOC	82700		73600		59800		16000		833		569	U	833	U	445	U	672	U				
PCB-194	35694-08-7	ppt-TOC	420000		364000		325000		87600		8670		569	U	833	U	445	U	672	U				
PCB-195	52663-78-2	ppt-TOC	177000		154000		129000		33700		260	U	569	U	833	U	445	U	672	U				
PCB-196/203	PCB-196/203	ppt-TOC	580000		545000		400000		195000		29600		779		833	U	445	U	672	U				
PCB-197	33091-17-7	ppt-TOC	20500		18700		13400		5100	U	533		569	U	833	U	445	U	672	U				
PCB-198	68194-17-2	ppt-TOC	30700		29300		32000		9810		2480		569	U	833	U	445	U	672	U				
PCB-199	52663-75-9	ppt-TOC	560000		545000		368000		196000		39000		879		833	U	445	U	672	U				
PCB-2	2051-61-8	ppt-TOC	39700		32400		97800		7290		830		1270		1630		811		672	U				
PCB-20/21/33	38444-84-7/5570	ppt-TOC	1380000		2120000		3600000		95200		883		569	U	833	U	445	U	672	U				
PCB-200	52663-73-7	ppt-TOC	58700		55000		42500		15000		1180		569	U	833	U	445	U	672	U				
PCB-201	40186-71-8	ppt-TOC	78000		73300		52000		26800		3700		569	U	833	U	445	U	672	U				
PCB-202	2136-99-4	ppt-TOC	145000		142000		102000		89500		23600		569	U	833	U	445	U	672	U				
PCB-204	74472-52-9	ppt-TOC	1390	U	964	U	1010	U	1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-205	74472-53-0	ppt-TOC	17400		14000		12600		3900		513		569	U	833	U	445	U	672	U				
PCB-206	40186-72-9	ppt-TOC	280000		240000		232000		243000		73700		1340	U	833	U	445	U	672	U				
PCB-207	52663-79-3	ppt-TOC	28200		23400		19900		22600		4870		569	U	833	U	445	U	672	U				
PCB-208	52663-77-1	ppt-TOC	84300		73300		62300		105000		32600		750		833	U	445	U	672	U				
PCB-209	2051-24-3	ppt-TOC	300000		279000		320000		349000		81300		1850		833	U	445	U	672	U				
PCB-22	38444-85-8	ppt-TOC	1090000		1600000		2370000		88100		847		569	U	833	U	445	U	672	U				
PCB-23	55720-44-0	ppt-TOC	3830		3640		6600		1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-24/27	PCB-24/27	ppt-TOC	543000		579000		455000		25900		260	U	569	U	833	U	445	U	672	U				
PCB-25	55712-37-3	ppt-TOC	493000		417000		568000		36700		288		569	U	833	U	445	U	672	U				
PCB-26	38444-81-4	ppt-TOC	750000		690000		1020000		53300		593		569	U	833	U	445	U	672	U				
PCB-28	7012-37-5	ppt-TOC	4330000		4760000		6530000		349000		3830		1540		949		498		672	U				
PCB-29	15862-07-4	ppt-TOC	14700		18800		29300		1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-3	2051-62-9	ppt-TOC	125000		116000		116000		12900		957		569	U	833	U	445	U	672	U				
PCB-30	35693-92-6	ppt-TOC	4770		5600		2830		1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-31	16606-02-3	ppt-TOC	3190000		4260000		5630000		273000		2980		1210		833	U	445	U	672	U				
PCB-34	37680-68-5	ppt-TOC	25300		31000		26800		1690		260	U	569	U	833	U	445	U	672	U				
PCB-35	37680-69-6	ppt-TOC	117000		125000		211000		17600		260	U	569	U	833	U	445	U	672	U				
PCB-36	38444-87-0	ppt-TOC	1390	U	964	U	1210		1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-37	38444-90-5	ppt-TOC	1220000		1020000		1730000		121000		1240		569	U	833	U	445	U	672	U				
PCB-38	53555-66-1	ppt-TOC	50000		47600		28300		1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-39	38444-88-1	ppt-TOC	9600		7210		5200		1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-4/10	PCB-4/10	ppt-TOC	847000		783000		665000		33000		520	U	1140	U	1670	U	889	U	1340	U				
PCB-40	38444-93-8	ppt-TOC	867000		983000		995000		65200		420		569	U	833	U	445	U	672	U				
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	3070000		3330000		4030000		329000				1200		833	U	445	U	672	U				
PCB-42/59	36559-22-5/7447	ppt-TOC	1620000		1680000		1820000		131000		1270		569	U	833	U	445	U	672	U				
PCB-43/49	PCB-43/49	ppt-TOC	4070000		3880000		4300000		335000		3470		1270		833	U	445	U	672	U				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED044		NB01SED044		NB01SED044		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045	
		Sample Name	NB01SED044A-04		NB01SED044A-05		NB01SED044A-06		NB01SED045B-01		NB01SED045B-02		NB01SED045B-03		NB01SED045B-04		NB01SED045B-05		NB01SED045B-06					
		Date Collected	11/27/2005		11/27/2005		11/27/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005					
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-44	41464-39-5	ppt-TOC	4470000		5120000		5930000		390000		4400		1370		833	U	445	U	672	U				
PCB-45	70362-45-7	ppt-TOC	730000		905000		1040000		45000		433		569	U	833	U	445	U	672	U				
PCB-46	41464-47-5	ppt-TOC	292000		374000		453000		18600		260	U	569	U	833	U	445	U	672	U				
PCB-47	2437-79-8	ppt-TOC	1520000		1320000		1790000		141000		1410		943		833	U	445	U	672	U				
PCB-48/75	70362-47-9/3259	ppt-TOC	1070000		1190000		948000		67100		710		569	U	833	U	445	U	672	U				
PCB-5/8	PCB-5/8	ppt-TOC	1430000		1620000		2060000		78600		967		1140	U	1670	U	889	U	1340	U				
PCB-50	62796-65-0	ppt-TOC	16000		17100		17300		1400		260	U	569	U	833	U	445	U	672	U				
PCB-51	68194-04-7	ppt-TOC	237000		262000		295000		22500		260	U	569	U	833	U	445	U	672	U				
PCB-52/69	35693-99-3/6023	ppt-TOC	5000000		5290000		6350000		510000		15800		2100		1190		445	U	672	U				
PCB-53	41464-41-9	ppt-TOC	730000		867000		960000		50000		440		569	U	833	U	445	U	672	U				
PCB-54	15968-05-5	ppt-TOC	11900		12000		13100		1370		260	U	569	U	833	U	445	U	672	U				
PCB-55	74338-24-2	ppt-TOC	61000		79300		101000		4530		260	U	569	U	833	U	445	U	672	U				
PCB-56/60	PCB-56/60	ppt-TOC	2730000		3670000		4230000		220000		2590		764		833	U	445	U	672	U				
PCB-57	70424-67-8	ppt-TOC	31800		31700		34300		2000		260	U	569	U	833	U	445	U	672	U				
PCB-58	41464-49-7	ppt-TOC	16100		14000		9700		1140		260	U	569	U	833	U	445	U	672	U				
PCB-6	25569-80-6	ppt-TOC	329000		298000		335000		18600		520	U	1140	U	1670	U	889	U	1340	U				
PCB-61/70	PCB-61/70	ppt-TOC	5530000		7290000		7180000		408000		5230		1220		833	U	445	U	672	U				
PCB-62	54230-22-7	ppt-TOC	1390	U	964	U	1010	U	1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-63	74472-34-7	ppt-TOC	200000		235000		255000		12800		260	U	569	U	833	U	445	U	672	U				
PCB-65	33284-54-7	ppt-TOC	1390	U	964	U	3100		1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-67	73575-53-8	ppt-TOC	182000		226000		232000		11600		260	U	569	U	833	U	445	U	672	U				
PCB-68	73575-52-7	ppt-TOC	11900		10600		9780		3780		260	U	569	U	833	U	445	U	672	U				
PCB-7/9	PCB-7/9	ppt-TOC	143000		154000		154000		6710		523	U	1140	U	1670	U	889	U	1340	U				
PCB-73	74338-23-1	ppt-TOC	1390	U	964	U	1010	U	1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-74	32690-93-0	ppt-TOC	2350000		3050000		3180000		179000		2120		569	U	833	U	445	U	672	U				
PCB-76/66	PCB-76/66	ppt-TOC	4670000		5760000		5850000		356000		4130		1290		833	U	445	U	672	U				
PCB-77	32598-13-3	ppt-TOC	500000		626000		738000		56200		770		569	U	833	U	445	U	672	U				
PCB-78	70362-49-1	ppt-TOC	13500		15100		12200		1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-79	41464-48-6	ppt-TOC	49700		60500		42500		5950	U	383	U	569	U	833	U	445	U	672	U				
PCB-80	33284-52-5	ppt-TOC	1390	U	964	U	1010	U	1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-81	70362-50-4	ppt-TOC	24100		19900		33800		3260		260	U	569	U	833	U	445	U	672	U				
PCB-82	52663-62-4	ppt-TOC	463000		629000		685000		64300		957		569	U	833	U	445	U	672	U				
PCB-83	60145-20-2	ppt-TOC	3700		4330		5600		1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-84/92	52663-60-2/5266	ppt-TOC	1650000		2080000		2320000		213000		3600		689		833	U	445	U	672	U				
PCB-85/116	PCB-85/116	ppt-TOC	603000		783000		850000		96200		1760		569	U	833	U	445	U	672	U				
PCB-86	55312-69-1	ppt-TOC	27100		38100		53500		3520		260	U	569	U	833	U	445	U	672	U				
PCB-87/117/125	38380-02-8/6819	ppt-TOC	1160000		1540000		2030000		204000		3800		701		833	U	445	U	672	U				
PCB-88/91	PCB-88/91	ppt-TOC	707000		795000		728000		81900		1330		569	U	833	U	445	U	672	U				
PCB-89	73575-57-2	ppt-TOC	55000		88800		90300		6710		260	U	569	U	833	U	445	U	672	U				
PCB-90/101	PCB-90/101	ppt-TOC	3870000		4640000		4730000		567000		11300		1810		833	U	445	U	672	U				
PCB-93	73575-56-1	ppt-TOC	1390	U	964	U	1010	U	1880	U	260	U	569	U	833	U	445	U	672	U				
PCB-94	73575-55-0	ppt-TOC	30900		33300		27800		3700		260	U	569	U	833	U	445	U	672	U				
PCB-95/98/102	38379-99-6/6023	ppt-TOC	3130000		3640000		3600000		408000		8170		1370		833	U	445	U	672	U				
PCB-96	73575-54-9	ppt-TOC	21200		27400		38800		4680		260	U	569	U	833	U	445	U	672	U				
PCB-97	41464-51-1	ppt-TOC	1230000		1550000		1760000		167000		3000		569	U	833	U	445	U	672	U				
PCB-99	38380-01-7	ppt-TOC	1910000		2220000		2490000		248000		4170		864		833	U	445	U	672	U				
Total PCB Congeners (209)	No CAS	ppt-TOC	120000000		136000000		146000000		13900000		567000		33600		3800		1330		1340	U				
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	88000000		100000000		109000000		11000000		560000		33400		4300		1000		1340	U				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED046		NB01SED046		NB01SED046		NB01SED047		NB01SED047		NB01SED047		NB01SED048		NB01SED048		NB01SED049					
		Sample Name	NB01SED046E-01		NB01SED046E-02		NB01SED046E-03		NB01SED047A-01		NB01SED047A-02		NB01SED047A-03		NB01SED048A-01		NB01SED048A-02		NB01SED049C-01					
		Date Collected	12/5/2005		12/5/2005		12/5/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005					
		Depth	0.0-0.5		0.5-1.5		1.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		0.0-0.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-1	2051-60-7	ppt-TOC	53700		92100		70300		53200		63800		51600		56500		88300		59500					
PCB-100	39485-83-1	ppt-TOC	17700		22300		11500		15000		18800		21700		17000		18600		29200					
PCB-103	60145-21-3	ppt-TOC	17500		37900		23100		17200		24800		31300		14100		19800		33800					
PCB-104	56558-16-8	ppt-TOC	1480		875		3340	U	1250		1370		1610		1370		1840		1530					
PCB-105	32598-14-4	ppt-TOC	382000		896000		728000		339000		368000		505000		271000		352000		636000					
PCB-106/118	PCB-106/118	ppt-TOC	995000		2270000		1830000		936000		1110000		1500000		709000		967000		1690000					
PCB-107/109	70424-68-9/7447	ppt-TOC	82600		180000		135000		77500		95000		131000		58700		78900		136000					
PCB-108/112	70362-41-3/7447	ppt-TOC	65800		163000		113000		58900		69200		98000		41400		57200		107000					
PCB-11	2050-67-1	ppt-TOC	439000		1540000		900000		329000		398000		539000		214000		290000		325000					
PCB-110	38380-03-9	ppt-TOC	1320000		3150000		2480000		1230000		1440000		2030000		896000		1190000		2400000					
PCB-111/115	PCB-111/115	ppt-TOC	23900		60000		48500		18900		18400		28500		14300		20900		40300					
PCB-113	68194-10-5	ppt-TOC	8530		9710		5400		3640		4420		8200		2460		3810		7590					
PCB-114	74472-37-0	ppt-TOC	25300		60000		46000		19100		19800		27700		16000		21700		39500					
PCB-119	56558-17-9	ppt-TOC	39600		80000		52000		36800		51700		68000		27800		36600		64400					
PCB-12/13	PCB-12/13	ppt-TOC	201000		399000		146000		179000		213000		263000		130000		189000		211000					
PCB-120	68194-12-7	ppt-TOC	4060		5880		3700		4710		7790		8270		3420		4730		5970					
PCB-121	56558-18-0	ppt-TOC	2180	U	1710	U	3340	U	1490	U	1730	U	2750	U	1810	U	2300	U	1040	U				
PCB-122	76842-07-4	ppt-TOC	14800		39000		30500		11300		13000		20100		9430		13600		25300					
PCB-123	65510-44-3	ppt-TOC	20700		50000		37400		16700		18900		25100		14400		17600		31000					
PCB-124	70424-70-3	ppt-TOC	35900		91300		79900		27500		32300		45500		27600		33400		71000					
PCB-126	57465-28-8	ppt-TOC	6370		13300		10900		5250		6330		8070		4520		6170		11000					
PCB-127	39635-33-1	ppt-TOC	2180	U	1710	U	3340	U	1490	U	1730	U	2750	U	1810	U	2300	U	1040	U				
PCB-128/162	PCB-128/162	ppt-TOC	141000		282000		235000		121000		140000		196000		97800		124000		260000					
PCB-129	55215-18-4	ppt-TOC	35500		77100		67300		27900		32300		47100		24300		29900		74000					
PCB-130	52663-66-8	ppt-TOC	59500		128000		98300		55000		70800		94700		43500		57200		118000					
PCB-131	61798-70-7	ppt-TOC	2180	U	1710	U	3340	U	1490	U	1730	U	2750	U	1810	U	2300	U	1040	U				
PCB-132/161	38380-05-1/7447	ppt-TOC	264000		554000		437000		222000		278000		388000		171000		226000		549000					
PCB-133/142	PCB-133/142	ppt-TOC	29500		63800		44900		24600		32300		42600		19300		26900		55600					
PCB-134/143	PCB-134/143	ppt-TOC	51900		113000		88300		43600		55000		62300		33700		45400		98700					
PCB-135	52744-13-5	ppt-TOC	134000		273000		218000		121000		149000		198000		95700		128000		291000					
PCB-136	38411-22-2	ppt-TOC	141000		285000		238000		118000		143000		202000		93500		122000		314000					
PCB-137	35694-06-5	ppt-TOC	41700		90000		71800		34200		39400		51500		28000		36100		79300					
PCB-138/163/164	35065-28-2/7447	ppt-TOC	958000		1930000		1530000		854000		1030000		1400000		687000		906000		1950000					
PCB-139/149	PCB-139/149	ppt-TOC	911000		1730000		1420000		761000		933000		1270000		600000		811000		1910000					
PCB-14	34883-41-5	ppt-TOC	4360	U	3420	U	6680	U	2990	U	3460	U	5500	U	3620	U	4600	U	2080	U				
PCB-140	59291-64-4	ppt-TOC	7160		12200		11200		5860		8540		10800		4390		5940		12800					
PCB-141	52712-04-6	ppt-TOC	162000		355000		287000		131000		148000		219000		110000		145000		395000					
PCB-144	68194-14-9	ppt-TOC	51600		100000		86700		38600		42900		68000		28800		39900		109000					
PCB-145	74472-40-5	ppt-TOC	2180	U	854		3340	U	429		438		573		1810	U	2300	U	797					
PCB-146/165	51908-16-8/7447	ppt-TOC	149000		300000		213000		135000		179000		239000		107000		143000		306000					
PCB-147	68194-13-8	ppt-TOC	34500		51700		43800		29500		32600		43100		25100		33900		60200					
PCB-148	74472-41-6	ppt-TOC	2710		3700		2510		2790		3310		3320		2450		3040		4930					
PCB-15	2050-68-2	ppt-TOC	926000		2040000		823000		1070000		1210000		1250000		835000		1230000		915000					
PCB-150	68194-08-1	ppt-TOC	4950		6670		3830	U	4070		4670		5460		3500		4760		9850					
PCB-151	52663-63-5	ppt-TOC	242000		475000		390000		209000		250000		352000		163000		218000		542000					
PCB-152	68194-09-2	ppt-TOC	1410		2370		3340	U	1350		1540		1870		1210		1230		2460					
PCB-153	35065-27-1	ppt-TOC	974000		1950000		1470000		836000		1050000		1420000		674000		900000		1990000					
PCB-154	60145-22-4	ppt-TOC	28000		37000		24300		24800		30800		36300		21200		28100		60300					
PCB-155	33979-03-2	ppt-TOC	14600		3930		3340	U	6290		8290		15300		4230		6170		8200					
PCB-156	38380-08-4	ppt-TOC	81600		178000		147000		71100		80000		115000		58700		75000		163000					
PCB-157	69782-90-7	ppt-TOC	19500		40100		31200		16500		18800		26500		13500		17100		34600					
PCB-158/160	74472-42-7/4141	ppt-TOC	104000		217000		180000		86400		103000		142000		69600		89400		210000					
PCB-159	39635-35-3	ppt-TOC	12600		23000		20100		10400		12700		17300		7960		10800		26200					
PCB-16/32	PCB-16/32	ppt-TOC	621000		2380000		1490000		436000		488000		747000		284000		437000		954000					
PCB-166	41411-63-6	ppt-TOC	3830		7330		6550		2850		3200		4370		2430		3040		6300					
PCB-167	52663-72-6	ppt-TOC	34700		75400		58300		31500		35900		50800		25600		33700		70100					
PCB-168	59291-65-5	ppt-TOC	3090		5790		3250		1810		2580		2690		1710		1640		3680					
PCB-169	32774-16-6	ppt-TOC	2180	U	1710	U	3340	U	1490	U	1730	U	2750	U	1810	U	2300	U	1040	U				
PCB-17	37680-66-3	ppt-TOC	464000		1850000		1060000		323000		365000		555000		208000		324000		684000					
PCB-170	35065-30-6	ppt-TOC	233000		488000		378000		198000		248000		347000		171000		223000		539000					
PCB-171	52663-71-5	ppt-TOC	71600		140000		108000		61100		74200		102000		47400		65600		157000					

Table B-6
TOC-Normalized Congener PCBs

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Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED046		NB01SED046		NB01SED046		NB01SED047		NB01SED047		NB01SED047		NB01SED048		NB01SED048		NB01SED049	
		Sample Name	NB01SED046E-01		NB01SED046E-02		NB01SED046E-03		NB01SED047A-01		NB01SED047A-02		NB01SED047A-03		NB01SED048A-01		NB01SED048A-02		NB01SED049C-01	
		Date Collected	12/5/2005		12/5/2005		12/5/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	1340000		4170000		2820000		925000		1110000		1670000		630000		894000		1850000	
PCB-45	70362-45-7	ppt-TOC	194000		683000		449000		123000		145000		233000		78300		116000		291000	
PCB-46	41464-47-5	ppt-TOC	79500		274000		185000		51800		59600		94700		34500		52100		126000	
PCB-47	2437-79-8	ppt-TOC	574000		1450000		820000		468000		542000		760000		343000		485000		647000	
PCB-48/75	70362-47-9/3259	ppt-TOC	288000		1030000		649000		185000		257000		355000		128000		194000		402000	
PCB-5/8	PCB-5/8	ppt-TOC	445000		1450000		967000		418000		467000		484000		320000		481000		862000	
PCB-50	62796-65-0	ppt-TOC	4420		15600		8420		3490		4290		5980		1890		2920		6590	
PCB-51	68194-04-7	ppt-TOC	85300		245000		132000		61100		74200		106000		50400		69400		121000	
PCB-52/69	35693-99-3/6023	ppt-TOC	1500000		4540000		3160000		1050000		1260000		1890000		743000		1040000		2150000	
PCB-53	41464-41-9	ppt-TOC	204000		692000		431000		136000		165000		248000		95700		142000		304000	
PCB-54	15968-05-5	ppt-TOC	4930		11800		6080		2810		3890		5350		3000		3710		7700	
PCB-55	74338-24-2	ppt-TOC	16400		41700		29900		11500		12100		15800		8000		12000		20600	
PCB-56/60	PCB-56/60	ppt-TOC	742000		2040000		1470000		539000		588000		847000		376000		541000		900000	
PCB-57	70424-67-8	ppt-TOC	9370		25900		12900		7290		8290		11100		5300		7830		10200	
PCB-58	41464-49-7	ppt-TOC	5680		12800		6850		4570		6420		9800		2820		4710		5920	
PCB-6	25569-80-6	ppt-TOC	122000		353000		178000		130000		138000		134000		103000		162000		270000	
PCB-61/70	PCB-61/70	ppt-TOC	1380000		3830000		2820000		957000		1070000		1690000		643000		944000		1700000	
PCB-62	54230-22-7	ppt-TOC	2180	U	1710	U	3340	U	1490	U	1730	U	2750	U	1810	U	2300	U	1040	U
PCB-63	74472-34-7	ppt-TOC	51300		150000		85000		40000		45400		63300		27000		41400		60300	
PCB-65	33284-54-7	ppt-TOC	2180	U	5540		1980		1490	U	1730	U	2750	U	761		2300	U	2440	
PCB-67	73575-53-8	ppt-TOC	44300		130000		79300		36400		40000		53300		24000		36800		53600	
PCB-68	73575-52-7	ppt-TOC	8890		19500		8750		12200		14500		22800		7740		10500		12900	
PCB-7/9	PCB-7/9	ppt-TOC	36200		127000		89200		27500		30600		35700		19500		28700		82500	
PCB-73	74338-23-1	ppt-TOC	2180	U	1710	U	3340	U	1490	U	1730	U	2750	U	1810	U	2300	U	1040	U
PCB-74	32690-93-0	ppt-TOC	589000		1610000		1200000		446000		513000		707000		303000		451000		692000	
PCB-76/66	PCB-76/66	ppt-TOC	1290000		3430000		2320000		982000		1150000		1650000		652000		972000		1440000	
PCB-77	32598-13-3	ppt-TOC	168000		385000		300000		143000		170000		211000		108000		141000		186000	
PCB-78	70362-49-1	ppt-TOC	2180	U	1710	U	3340	U	1490	U	1730	U	2750	U	1810	U	2300	U	1040	U
PCB-79	41464-48-6	ppt-TOC	14900		30300		27400		11000		14100		19900		8350		11200		18500	
PCB-80	33284-52-5	ppt-TOC	2180	U	1710	U	3340	U	1490	U	1730	U	2750	U	1810	U	2300	U	1040	U
PCB-81	70362-50-4	ppt-TOC	3440		8210		9580		2940		3060		6090		2420		2130		4600	
PCB-82	52663-62-4	ppt-TOC	142000		337000		274000		125000		133000		197000		90000		116000		242000	
PCB-83	60145-20-2	ppt-TOC	1140		3030		2090		1490	U	1730	U	900		648		2300	U	1270	
PCB-84/92	52663-60-2/5266	ppt-TOC	506000		1290000		967000		450000		542000		787000		324000		434000		944000	
PCB-85/116	PCB-85/116	ppt-TOC	212000		500000		397000		193000		211000		293000		141000		180000		350000	
PCB-86	55312-69-1	ppt-TOC	8210		26400		17000		6640		5040		7670		5520		6170		13000	
PCB-87/117/125	38380-02-8/6819	ppt-TOC	399000		967000		808000		351000		372000		547000		271000		343000		762000	
PCB-88/91	PCB-88/91	ppt-TOC	228000		533000		392000		195000		238000		334000		146000		206000		369000	
PCB-89	73575-57-2	ppt-TOC	18700		52900		38700		16300		18500		27900		11100		15200		34400	
PCB-90/101	PCB-90/101	ppt-TOC	1210000		2970000		2340000		1080000		1280000		1860000		800000		1060000		2290000	
PCB-93	73575-56-1	ppt-TOC	2180	U	1710	U	3340	U	1490	U	1730	U	2750	U	1810	U	2300	U	1040	U
PCB-94	73575-55-0	ppt-TOC	11600		22500		14100		9790		11800		15900		8220		10900		16400	
PCB-95/98/102	38379-99-6/6023	ppt-TOC	932000		2280000		1830000		782000		942000		1410000		591000		806000		1780000	
PCB-96	73575-54-9	ppt-TOC	9260		24200		16400		12200		11800		21700		7480		8890		23100	
PCB-97	41464-51-1	ppt-TOC	396000		975000		758000		350000		416000		593000		250000		331000		671000	
PCB-99	38380-01-7	ppt-TOC	621000		1510000		1070000		575000		717000		987000		423000		561000		1050000	
Total PCB Congeners (209)	No CAS	ppt-TOC	38400000		102000000		70600000		31600000		37600000		52100000		23100000		32400000		60600000	
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	28200000		73800000		52700000		23000000		27400000		38200000		17000000		23700000		45300000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED050		NB01SED050		NB01SED050		NB01SED050				
		Sample Name	NB01SED049C-02		NB01SED049C-03		NB01SED049C-04		NB01SED049C-05		NB01SED049C-06		NB01SED050A-01		NB01SED050A-02		NB01SED050A-03		NB01SED050A-04				
		Date Collected	11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005				
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-1	2051-60-7	ppt-TOC	149000		87000		103000		46700		41800		6830		511	U	677	U	998	U			
PCB-100	39485-83-1	ppt-TOC	45300		28200		20700		24100		66800		3470		511	U	677	U	998	U			
PCB-103	60145-21-3	ppt-TOC	61100		39100		29500		28500		66500		2850		511	U	677	U	998	U			
PCB-104	56558-16-8	ppt-TOC	2090		1270		1270		1570		1560		631	U	511	U	677	U	998	U			
PCB-105	32598-14-4	ppt-TOC	1330000		711000		621000		464000		835000		64300		875		677	U	998	U			
PCB-106/118	PCB-106/118	ppt-TOC	3280000		1840000		1620000		1210000		2190000		157000		1960		969		998	U			
PCB-107/109	70424-68-9/7447	ppt-TOC	267000		153000		137000		92600		178000		12300		511	U	677	U	998	U			
PCB-108/112	70362-41-3/7447	ppt-TOC	216000		125000		104000		74600		139000		9460		511	U	677	U	998	U			
PCB-11	2050-67-1	ppt-TOC	550000		327000		223000		233000		632000		53400		2310		1650	U	3010				
PCB-110	38380-03-9	ppt-TOC	4720000		2680000		2250000		1700000		3090000		193000		2310		1250		998	U			
PCB-111/115	PCB-111/115	ppt-TOC	81900		44500		38200		27900		50600		3480		511	U	677	U	998	U			
PCB-113	68194-10-5	ppt-TOC	13800		9550		5040		3770		7380		646		511	U	677	U	998	U			
PCB-114	74472-37-0	ppt-TOC	75300		42300		38100		27700		51800		3930		511	U	677	U	998	U			
PCB-119	56558-17-9	ppt-TOC	120000		75900		58600		51300		115000		5680		511	U	677	U	998	U			
PCB-12/13	PCB-12/13	ppt-TOC	433000		268000		214000		132000		321000		15800		1020	U	1350	U	2000	U			
PCB-120	68194-12-7	ppt-TOC	9810		7770		6210		5380		12900		631	U	511	U	677	U	998	U			
PCB-121	56558-18-0	ppt-TOC	1150	U	941	U	726	U	1070	U	1240	U	631	U	511	U	677	U	998	U			
PCB-122	76842-07-4	ppt-TOC	53300		29500		28200		17600		35300		2580		511	U	677	U	998	U			
PCB-123	65510-44-3	ppt-TOC	64700		35500		30000		21500		42400		3250		511	U	677	U	998	U			
PCB-124	70424-70-3	ppt-TOC	143000		75700		65400		45400		91200		5750		511	U	677	U	998	U			
PCB-126	57465-28-8	ppt-TOC	21400		13500		13000		9000		15000		1170		511	U	677	U	998	U			
PCB-127	39635-33-1	ppt-TOC	1150	U	941	U	726	U	1070	U	1240	U	631	U	511	U	677	U	998	U			
PCB-128/162	PCB-128/162	ppt-TOC	506000		284000		251000		194000		324000		21000		511	U	677	U	998	U			
PCB-129	55215-18-4	ppt-TOC	149000		80700		72300		52100		90300		4970		511	U	677	U	998	U			
PCB-130	52663-66-8	ppt-TOC	234000		133000		109000		90800		157000		9460		511	U	677	U	998	U			
PCB-131	61798-70-7	ppt-TOC	1150	U	620		726	U	1070	U	1240	U	631	U	511	U	677	U	998	U			
PCB-132/161	38380-05-1/7447	ppt-TOC	1110000		643000		563000		415000		738000		37900		511	U	677	U	998	U			
PCB-133/142	PCB-133/142	ppt-TOC	114000		64100		53700		42100		80600		4450		511	U	677	U	998	U			
PCB-134/143	PCB-134/143	ppt-TOC	216000		125000		109000		76900		145000		7920		511	U	677	U	998	U			
PCB-135	52744-13-5	ppt-TOC	569000		341000		289000		227000		429000		19500		511	U	677	U	998	U			
PCB-136	38411-22-2	ppt-TOC	614000		366000		309000		232000		474000		19300		511	U	677	U	998	U			
PCB-137	35694-06-5	ppt-TOC	152000		85000		71900		52100		90900		5880		511	U	677	U	998	U			
PCB-138/163/164	35065-28-2/7447	ppt-TOC	3860000		2250000		1890000		1500000		2640000		141000		1840		892		998	U			
PCB-139/149	PCB-139/149	ppt-TOC	3640000		2220000		1860000		1470000		2890000		128000		1790		756		998	U			
PCB-14	34883-41-5	ppt-TOC	2310	U	1880	U	1450	U	2140	U	2480	U	1260	U	1020	U	1350	U	2000	U			
PCB-140	59291-64-4	ppt-TOC	24400		15000		11600		10600		18700		1140		511	U	677	U	998	U			
PCB-141	52712-04-6	ppt-TOC	806000		477000		414000		305000		553000		21800		511	U	677	U	998	U			
PCB-144	68194-14-9	ppt-TOC	211000		134000		107000		82600		149000		6750		511	U	677	U	998	U			
PCB-145	74472-40-5	ppt-TOC	1650		914		1090		605		1100		631	U	511	U	677	U	998	U			
PCB-146/165	51908-16-8/7447	ppt-TOC	611000		361000		305000		239000		465000		23200		511	U	677	U	998	U			
PCB-147	68194-13-8	ppt-TOC	106000		60700		48100		48700		114000		5480		511	U	677	U	998	U			
PCB-148	74472-41-6	ppt-TOC	8830		4840		3610		4560		11400		631	U	511	U	677	U	998	U			
PCB-15	2050-68-2	ppt-TOC	1470000		980000		770000		738000		1080000		119000		1560		1350	U	2000	U			
PCB-150	68194-08-1	ppt-TOC	15400		9450		6700		7030		26600		846		511	U	677	U	998	U			
PCB-151	52663-63-5	ppt-TOC	1070000		659000		551000		431000		821000		34700		511	U	677	U	998	U			
PCB-152	68194-09-2	ppt-TOC	4530		2860		2840		1950		2970		631	U	511	U	677	U	998	U			
PCB-153	35065-27-1	ppt-TOC	3890000		2360000		1980000		1570000		3060000		145000		1830		823	U	998	U			
PCB-154	60145-22-4	ppt-TOC	97800		57300		44000		43100		148000		4020		511	U	677	U	998	U			
PCB-155	33979-03-2	ppt-TOC	11800		10400		8750		6330		21200		1330		511	U	677	U	998	U			
PCB-156	38380-08-4	ppt-TOC	331000		184000		159000		122000		215000		12500		511	U	677	U	998	U			
PCB-157	69782-90-7	ppt-TOC	69200		38200		35600		25900		42600		2980		511	U	677	U	998	U			
PCB-158/160	74472-42-7/4141	ppt-TOC	419000		236000		198000		156000		279000		15500		511	U	677	U	998	U			
PCB-159	39635-35-3	ppt-TOC	54200		30500		27500		20900		39100		2150		511	U	677	U	998	U			
PCB-16/32	PCB-16/32	ppt-TOC	2100000		1340000		1130000		572000		1360000		54100		888		677	U	998	U			
PCB-166	41411-63-6	ppt-TOC	12400		6430		5650		4440		7260		646		511	U	677	U	998	U			
PCB-167	52663-72-6	ppt-TOC	138000		78000		69600		53300		91800		5870		511	U	677	U	998	U			
PCB-168	59291-65-5	ppt-TOC	6940		4160		3560		2770		6000		631	U	511	U	677	U	998	U			
PCB-169	32774-16-6	ppt-TOC	1800		1120		1360		533		1150		631	U	511	U	677	U	998	U			
PCB-17	37680-66-3	ppt-TOC	1450000		930000		761000		387000		985000		37700		546		677	U	998	U			
PCB-170	35065-30-6	ppt-TOC	1140000		684000		596000		462000		818000		30900		511	U	677	U	998	U			
PCB-171	52663-71-5	ppt-TOC	328000		193000		179000		135000		240000		9850		511	U	677	U	998	U			

Table B-6
TOC-Normalized Congener PCBs

			Location ID		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED050		NB01SED050		NB01SED050		NB01SED050	
			Sample Name		NB01SED049C-02		NB01SED049C-03		NB01SED049C-04		NB01SED049C-05		NB01SED049C-06		NB01SED050A-01		NB01SED050A-02		NB01SED050A-03		NB01SED050A-04	
			Date Collected		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005	
			Depth		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC	206000		123000		112000		86400		144000		5740		511	U	677	U	998	U
PCB-173	68194-16-1	ppt-TOC	27600		16100		15600		11400		19500		631	U	511	U	677	U	998	U
PCB-174	38411-25-5	ppt-TOC	1400000		805000		751000		551000		974000		32500		511	U	677	U	998	U
PCB-175	40186-70-7	ppt-TOC	61700		37500		32600		25600		42900		1810		511	U	677	U	998	U
PCB-176	52663-65-7	ppt-TOC	188000		108000		96500		73300		134000		5380		511	U	677	U	998	U
PCB-177	52663-70-4	ppt-TOC	794000		461000		426000		328000		576000		23600		511	U	677	U	998	U
PCB-178	52663-67-9	ppt-TOC	294000		168000		143000		117000		210000		9540		511	U	677	U	998	U
PCB-179	52663-64-6	ppt-TOC	686000		398000		344000		269000		506000		19700		511	U	677	U	998	U
PCB-18	37680-65-2	ppt-TOC	3390000		2080000		1710000		808000		2050000		76800		1320		1040		998	U
PCB-180	35065-29-3	ppt-TOC	3060000		1790000		1630000		1250000		2160000		86200		1140		677	U	998	U
PCB-181	74472-47-2	ppt-TOC	6220		4160		3670		2190		6710		631	U	511	U	677	U	998	U
PCB-182/187	PCB-182/187	ppt-TOC	1880000		1080000		923000		764000		1380000		59900		844		677	U	998	U
PCB-183	52663-69-1	ppt-TOC	811000		477000		407000		328000		579000		23800		511	U	677	U	998	U
PCB-184	74472-48-3	ppt-TOC	3250		2360		2300		1410		2970		631	U	511	U	677	U	998	U
PCB-185	52712-05-7	ppt-TOC	164000		93400		87900		64600		112000		3780		511	U	677	U	998	U
PCB-186	74472-49-4	ppt-TOC	1150	U	941	U	726	U	1070	U	1240	U	631	U	511	U	677	U	998	U
PCB-188	74487-85-7	ppt-TOC	4560		2450		2190		2130		5650		631	U	511	U	677	U	998	U
PCB-189	39635-31-9	ppt-TOC	43300		27300		24400		18200		31800		1280		511	U	677	U	998	U
PCB-19	38444-73-4	ppt-TOC	319000		197000		174000		86200		182000		6390		511	U	677	U	998	U
PCB-190	41411-64-7	ppt-TOC	236000		140000		120000		95600		172000		6760		511	U	677	U	998	U
PCB-191	74472-50-7	ppt-TOC	48300		28900		26300		20100		34700		1580		511	U	677	U	998	U
PCB-192	74472-51-8	ppt-TOC	1150	U	941	U	726	U	1070	U	1240	U	631	U	511	U	677	U	998	U
PCB-193	69782-91-8	ppt-TOC	144000		85000		75100		60500		105000		4550		511	U	677	U	998	U
PCB-194	35694-08-7	ppt-TOC	803000		480000		425000		313000		529000		21600		511	U	677	U	998	U
PCB-195	52663-78-2	ppt-TOC	356000		216000		195000		143000		250000		7850		511	U	677	U	998	U
PCB-196/203	PCB-196/203	ppt-TOC	847000		470000		416000		354000		582000		30200		511	U	677	U	998	U
PCB-197	33091-17-7	ppt-TOC	28900		15800		14400		11800		19700		900	U	511	U	677	U	998	U
PCB-198	68194-17-2	ppt-TOC	44200		22300		21600		17300		29700		1480		511	U	677	U	998	U
PCB-199	52663-75-9	ppt-TOC	806000		443000		391000		336000		541000		29400		511	U	677	U	998	U
PCB-2	2051-61-8	ppt-TOC	34400		25200		21900		13200		19800		4310		888		877		998	U
PCB-20/21/33	38444-84-7/5570	ppt-TOC	2400000		1430000		1160000		513000		1290000		49200		738		677	U	998	U
PCB-200	52663-73-7	ppt-TOC	104000		56100		52600		39700		68500		2550		511	U	677	U	998	U
PCB-201	40186-71-8	ppt-TOC	110000		61100		56500		46900		75600		4180		511	U	677	U	998	U
PCB-202	2136-99-4	ppt-TOC	179000		102000		89600		81300		129000		9460		511	U	677	U	998	U
PCB-204	74472-52-9	ppt-TOC	1150	U	941	U	726	U	1070	U	1240	U	631	U	511	U	677	U	998	U
PCB-205	74472-53-0	ppt-TOC	33600		21300		17700		12600		24100		1030		511	U	677	U	998	U
PCB-206	40186-72-9	ppt-TOC	361000		230000		195000		194000		269000		22200		511	U	677	U	998	U
PCB-207	52663-79-3	ppt-TOC	39400		24300		22100		19400		28700		2070		511	U	677	U	998	U
PCB-208	52663-77-1	ppt-TOC	84400		58400		49100		52100		72400		7380		511	U	677	U	998	U
PCB-209	2051-24-3	ppt-TOC	162000		115000		84400		121000		168000		18700		511	U	677	U	998	U
PCB-22	38444-85-8	ppt-TOC	1590000		991000		796000		421000		991000		49400		656		677	U	998	U
PCB-23	55720-44-0	ppt-TOC	5170		3320		4770		1270		2610		631	U	511	U	677	U	998	U
PCB-24/27	PCB-24/27	ppt-TOC	277000		184000		154000		92600		193000		9460		511	U	677	U	998	U
PCB-25	55712-37-3	ppt-TOC	514000		325000		260000		192000		353000		28400		511	U	677	U	998	U
PCB-26	38444-81-4	ppt-TOC	844000		518000		400000		274000		541000		38100		511	U	677	U	998	U
PCB-28	7012-37-5	ppt-TOC	4560000		3140000		2510000		1670000		3410000		227000		2910		1420		998	U
PCB-29	15862-07-4	ppt-TOC	21900		14600		15100		5310		10600		631	U	511	U	677	U	998	U
PCB-3	2051-62-9	ppt-TOC	109000		60200		54900		36700		49100		8310		511	U	677	U	998	U
PCB-30	35693-92-6	ppt-TOC	1150	U	941	U	726	U	1070	U	1240	U	631	U	511	U	677	U	998	U
PCB-31	16606-02-3	ppt-TOC	4190000		2480000		1930000		1170000		2830000		156000		2080		954		998	U
PCB-34	37680-68-5	ppt-TOC	28600		22100		17300		8690		22600		1080		511	U	677	U	998	U
PCB-35	37680-69-6	ppt-TOC	125000		69300		59100		47200		89100		7380		511	U	677	U	998	U
PCB-36	38444-87-0	ppt-TOC	3310		2640		2510		1890		3210		631	U	511	U	677	U	998	U
PCB-37	38444-90-5	ppt-TOC	1090000		716000		619000		510000		785000		76100		1020		677	U	998	U
PCB-38	53555-66-1	ppt-TOC	20600		13700		10600		9360		18300		2860		511	U	677	U	998	U
PCB-39	38444-88-1	ppt-TOC	9250		6110		5070		4380		8590		915		511	U	677	U	998	U
PCB-4/10	PCB-4/10	ppt-TOC	686000		425000		381000		182000		297000		19600		1020	U	1350	U	2000	U
PCB-40	38444-93-8	ppt-TOC	744000		432000		374000		231000		506000		17300		511	U	677	U	998	U
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	3440000		1930000		1620000		1090000		2390000		115000		1910		1000		998	U
PCB-42/59	36559-22-5/7447	ppt-TOC	1390000		809000		684000		456000		994000		54800		731		677	U	998	U
PCB-43/49	PCB-43/49	ppt-TOC	3390000		1960000		1630000		1150000		2420000		140000		1740		962		998	U

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED050		NB01SED050		NB01SED050		NB01SED050					
		Sample Name	NB01SED049C-02		NB01SED049C-03		NB01SED049C-04		NB01SED049C-05		NB01SED049C-06		NB01SED050A-01		NB01SED050A-02		NB01SED050A-03		NB01SED050A-04					
		Date Collected	11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005					
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-44	41464-39-5	ppt-TOC	4080000		2320000		1950000		1220000		2740000		138000		2230		1030		998	U				
PCB-45	70362-45-7	ppt-TOC	667000		384000		333000		184000		435000		19000		511	U	677	U	998	U				
PCB-46	41464-47-5	ppt-TOC	286000		171000		152000		82600		182000		8380		511	U	677	U	998	U				
PCB-47	2437-79-8	ppt-TOC	1260000		741000		623000		503000		959000		66400		881		677	U	998	U				
PCB-48/75	70362-47-9/3259	ppt-TOC	867000		486000		405000		256000		597000		29400		511	U	677	U	998	U				
PCB-5/8	PCB-5/8	ppt-TOC	2060000		1190000		1040000		446000		812000		45300		1020	U	1350	U	2000	U				
PCB-50	62796-65-0	ppt-TOC	13600		8180		6810		4280		9470		631	U	511	U	677	U	998	U				
PCB-51	68194-04-7	ppt-TOC	239000		138000		115000		89000		159000		12000		511	U	677	U	998	U				
PCB-52/69	35693-99-3/6023	ppt-TOC	4670000		2570000		2160000		1410000		3090000		173000		2370		1500		1220					
PCB-53	41464-41-9	ppt-TOC	661000		366000		314000		201000		415000		22400		511	U	677	U	998	U				
PCB-54	15968-05-5	ppt-TOC	15400		10300		10500		5640		9030		838		511	U	677	U	998	U				
PCB-55	74338-24-2	ppt-TOC	41700		23000		19600		14500		27200		2770		511	U	677	U	998	U				
PCB-56/60	PCB-56/60	ppt-TOC	1870000		1080000		942000		623000		1260000		105000		1280		677	U	998	U				
PCB-57	70424-67-8	ppt-TOC	18900		11500		9910		7460		14000		1260		511	U	677	U	998	U				
PCB-58	41464-49-7	ppt-TOC	11400		7950		6950		4490		10300		660		511	U	677	U	998	U				
PCB-6	25569-80-6	ppt-TOC	536000		323000		340000		124000		202000		12100		1020	U	1350	U	2000	U				
PCB-61/70	PCB-61/70	ppt-TOC	3560000		2050000		1750000		1120000		2500000		172000		2370		1170		998	U				
PCB-62	54230-22-7	ppt-TOC	1150	U	941	U	726	U	1070	U	1240	U	631	U	511	U	677	U	998	U				
PCB-63	74472-34-7	ppt-TOC	120000		70000		60900		41000		85300		6320		511	U	677	U	998	U				
PCB-65	33284-54-7	ppt-TOC	1150	U	2320		2140		1070	U	2850		631	U	511	U	677	U	998	U				
PCB-67	73575-53-8	ppt-TOC	106000		63000		54200		37700		74400		6080		511	U	677	U	998	U				
PCB-68	73575-52-7	ppt-TOC	26300		15000		10800		9460		20900		1260		511	U	677	U	998	U				
PCB-7/9	PCB-7/9	ppt-TOC	236000		134000		119000		39500		82100		2940		1020	U	1350	U	2000	U				
PCB-73	74338-23-1	ppt-TOC	1150	U	941	U	726	U	1070	U	1240	U	631	U	511	U	677	U	998	U				
PCB-74	32690-93-0	ppt-TOC	1380000		802000		681000		474000		971000		83800		1110		677	U	998	U				
PCB-76/66	PCB-76/66	ppt-TOC	2860000		1730000		1470000		1040000		2140000		174000		2110		1120		998	U				
PCB-77	32598-13-3	ppt-TOC	361000		212000		188000		147000		248000		24900		511	U	677	U	998	U				
PCB-78	70362-49-1	ppt-TOC	1150	U	941	U	726	U	1070	U	1240	U	631	U	511	U	677	U	998	U				
PCB-79	41464-48-6	ppt-TOC	35800		21600		18900		13800		27400		2980		511	U	677	U	998	U				
PCB-80	33284-52-5	ppt-TOC	1150	U	941	U	726	U	1070	U	1240	U	631	U	511	U	677	U	998	U				
PCB-81	70362-50-4	ppt-TOC	6750		6800		6770		5490		10900		808		511	U	677	U	998	U				
PCB-82	52663-62-4	ppt-TOC	494000		277000		249000		166000		306000		21800		511	U	677	U	998	U				
PCB-83	60145-20-2	ppt-TOC	3140		1760		1530		1160		2070		631	U	511	U	677	U	998	U				
PCB-84/92	52663-60-2/5266	ppt-TOC	1920000		1080000		898000		641000		1200000		73100		1000		677	U	998	U				
PCB-85/116	PCB-85/116	ppt-TOC	692000		395000		326000		246000		444000		31600		533		677	U	998	U				
PCB-86	55312-69-1	ppt-TOC	28300		15700		16600		10200		19800		1150		511	U	677	U	998	U				
PCB-87/117/125	38380-02-8/6819	ppt-TOC	1540000		845000		719000		521000		924000		61300		875		677	U	998	U				
PCB-88/91	PCB-88/91	ppt-TOC	711000		402000		328000		269000		529000		32000		511	U	677	U	998	U				
PCB-89	73575-57-2	ppt-TOC	74700		46600		43700		23100		47100		2560		511	U	677	U	998	U				
PCB-90/101	PCB-90/101	ppt-TOC	4610000		2610000		2160000		1600000		3120000		179000		2390		1180		1000					
PCB-93	73575-56-1	ppt-TOC	1150	U	941	U	726	U	1070	U	1240	U	631	U	511	U	677	U	998	U				
PCB-94	73575-55-0	ppt-TOC	30300		18500		16400		12800		21200		2050		511	U	677	U	998	U				
PCB-95/98/102	38379-99-6/6023	ppt-TOC	3610000		2070000		1750000		1250000		2360000		132000		2050		1040		998	U				
PCB-96	73575-54-9	ppt-TOC	1150	U	30000		726	U	12500		35900		1380		511	U	677	U	998	U				
PCB-97	41464-51-1	ppt-TOC	1340000		757000		640000		462000		865000		54500		644	U	677	U	998	U				
PCB-99	38380-01-7	ppt-TOC	2020000		1170000		951000		782000		1550000		92300		1220		677	U	998	U				
Total PCB Congeners (209)	No CAS	ppt-TOC	123000000		72700000		61400000		42800000		84400000		4810000		52300		17200		5180					
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	92800000		54800000		46300000		32600000		63500000		3580000		43600		18300		4460					

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED052		NB01SED052		NB01SED052				
		Sample Name	NB01SED051D-01		NB01SED051D-02		NB01SED051D-03		NB01SED051D-04		NB01SED051D-05		NB01SED051D-06		NB01SED052B-01		NB01SED052B-01		NB01SED052B-02				
		Date Collected	12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		11/30/2005		11/30/2005		11/30/2005				
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.0-0.5		0.5-1.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		Y		N		N		N		Y		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-1	2051-60-7	ppt-TOC	46800		37400		103000		209000		162000		156000				37500		36300				
PCB-100	39485-83-1	ppt-TOC	14400		16400		19200		13500		26800		24200				27300		26600				
PCB-103	60145-21-3	ppt-TOC	13300		17100		37800		31900		51200		43800				20200		27000				
PCB-104	56558-16-8	ppt-TOC	1450		1640	U	1510	U	2170	U	612		802	U			2750		1880				
PCB-105	32598-14-4	ppt-TOC	359000		543000		859000		724000		1260000		1740000				339000		527000				
PCB-106/118	PCB-106/118	ppt-TOC	850000		1290000		2470000		2170000		3560000		4060000				862000		1270000				
PCB-107/109	70424-68-9/7447	ppt-TOC	67700		99300		201000		165000		255000		273000				67700		102000				
PCB-108/112	70362-41-3/7447	ppt-TOC	51800		80000		166000		147000		247000		273000				51400		79600				
PCB-11	2050-67-1	ppt-TOC	317000		1040000		1680000		1520000		1660000		1760000				302000		577000				
PCB-110	38380-03-9	ppt-TOC	1060000		1620000		3290000		3060000		5030000		5730000				1090000		1580000				
PCB-111/115	PCB-111/115	ppt-TOC	20100		35500		67000		55400		99100		110000				20100		28100				
PCB-113	68194-10-5	ppt-TOC	3100		3600		7630		7050		5970		7900				3620		11000				
PCB-114	74472-37-0	ppt-TOC	22000		36900		62600		50600		88200		118000				20800		32600				
PCB-119	56558-17-9	ppt-TOC	28600		37400		78100		69000		113000		104000				33500		44600				
PCB-12/13	PCB-12/13	ppt-TOC	105000		209000		422000		249000		297000		204000				106000		185000				
PCB-120	68194-12-7	ppt-TOC	2900		2950		6700		4640		8740		11200				2500		4350				
PCB-121	56558-18-0	ppt-TOC	1900	U	979	U	1510	U	2170	U	1280	U	802	U			1340	U	1690	U			
PCB-122	76842-07-4	ppt-TOC	13900		20000		40000		30800		53800		68700				13100		20800				
PCB-123	65510-44-3	ppt-TOC	18000		28100		54100		40400		68200		74800				18000		25600				
PCB-124	70424-70-3	ppt-TOC	35200		62400		114000		93000		145000		163000				34200		49600				
PCB-126	57465-28-8	ppt-TOC	5730		8050		13600		9880		17400		19400				5590		7810				
PCB-127	39635-33-1	ppt-TOC	1900	U	979	U	1510	U	2170	U	1280	U	802	U			1340	U	1690	U			
PCB-128/162	PCB-128/162	ppt-TOC	121000		172000		317000		273000		441000		500000				121000		176000				
PCB-129	55215-18-4	ppt-TOC	32600		46700		83300		84100		131000		160000				29200		43500				
PCB-130	52663-66-8	ppt-TOC	52700		74300		146000		132000		199000		215000				52500		73100				
PCB-131	61798-70-7	ppt-TOC	768		979	U	1510	U	2170	U	1280	U	802	U			1340	U	488				
PCB-132/161	38380-05-1/7447	ppt-TOC	226000		331000		611000		570000		853000		1000000				217000		326000				
PCB-133/142	PCB-133/142	ppt-TOC	26100		34800		66300		55400		85900		97500				24300		34700				
PCB-134/143	PCB-134/143	ppt-TOC	44900		65200		117000		112000		174000		198000				41900		62700				
PCB-135	52744-13-5	ppt-TOC	119000		151000		289000		281000		397000		404000				113000		159000				
PCB-136	38411-22-2	ppt-TOC	117000		157000		301000		304000		432000		446000				118000		167000				
PCB-137	35694-06-5	ppt-TOC	37900		53800		89300		91000		136000		166000				32500		46900				
PCB-138/163/164	35065-28-2/7447	ppt-TOC	841000		1190000		2110000		1990000		2970000		3370000				809000		1140000				
PCB-139/149	PCB-139/149	ppt-TOC	764000		950000		1830000		1800000		2550000		2650000				756000		1010000				
PCB-14	34883-41-5	ppt-TOC	3790	U	1960	U	3010	U	4330	U	2550	U	1600	U			2680	U	3370	U			
PCB-140	59291-64-4	ppt-TOC	6230		6760		13900		12100		17700		14300				6010		6540				
PCB-141	52712-04-6	ppt-TOC	142000		219000		404000		368000		544000		642000				137000		207000				
PCB-144	68194-14-9	ppt-TOC	43200		61000		108000		102000		148000		172000				41900		56900				
PCB-145	74472-40-5	ppt-TOC	1900	U	514		937		2170	U	1420		1410				1340	U	481				
PCB-146/165	51908-16-8/7447	ppt-TOC	126000		176000		317000		290000		418000		452000				127000		183000				
PCB-147	68194-13-8	ppt-TOC	29300		27400		55600		51300		84100		77700				35600		38800				
PCB-148	74472-41-6	ppt-TOC	2710		1780		3810		4380		5560		3920				3180		3080				
PCB-15	2050-68-2	ppt-TOC	673000		1080000		1810000		1170000		1890000		1420000				685000		885000				
PCB-150	68194-08-1	ppt-TOC	3800		3100		6560		5530		9880		9270				5200		5960				
PCB-151	52663-63-5	ppt-TOC	207000		264000		504000		485000		676000		694000				210000		289000				
PCB-152	68194-09-2	ppt-TOC	1350		1280		2350		2220		3090		3210				1850		1870				
PCB-153	35065-27-1	ppt-TOC	832000		1180000		2170000		1950000		2840000		3150000				832000		1170000				
PCB-154	60145-22-4	ppt-TOC	20500		16600		38500		31200		55900		46200				27400		29700				
PCB-155	33979-03-2	ppt-TOC	12600		72600		3340		1370		2430		1980				9700		32200				
PCB-156	38380-08-4	ppt-TOC	76800		110000		196000		178000		269000		329000				70300		104000				
PCB-157	69782-90-7	ppt-TOC	17700		26700		44400		38900		58200		68100				16600		23500				
PCB-158/160	74472-42-7/4141	ppt-TOC	95000		134000		237000		225000		341000		390000				84900		122000				
PCB-159	39635-35-3	ppt-TOC	11400		13600		25200		17800		25000		25400				9200		11800				
PCB-16/32	PCB-16/32	ppt-TOC	385000		1180000		2130000		2390000		4090000		4100000				367000		700000				
PCB-166	41411-63-6	ppt-TOC	3970		4690		8410		7960		12400		14000				2980		4460				
PCB-167	52663-72-6	ppt-TOC	32800		44800		83300		71000		111000		122000				30900		45000				
PCB-168	59291-65-5	ppt-TOC	3150		2480		3740		3760		4120		2790				2180		2680				
PCB-169	32774-16-6	ppt-TOC	1900	U	979	U	1510	U	2170	U	1280	U	802	U			1340	U	1690	U			
PCB-17	37680-66-3	ppt-TOC	268000		824000		1620000		1820000		3150000		2730000				251000		512000				
PCB-170	35065-30-6	ppt-TOC	205000		307000		530000		449000		629000		690000				206000		311000				
PCB-171	52663-71-5	ppt-TOC	61400		88800		161000		127000		183000		204000				62600		95400				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED052		NB01SED052		NB01SED052				
		Sample Name	NB01SED051D-01		NB01SED051D-02		NB01SED051D-03		NB01SED051D-04		NB01SED051D-05		NB01SED051D-06		NB01SED052B-01		NB01SED052B-01		NB01SED052B-02				
		Date Collected	12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		11/30/2005		11/30/2005		11/30/2005				
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.0-0.5		0.5-1.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		Y		N		N		N		Y		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-172	52663-74-8	ppt-TOC	37500		53800		98900		76900		112000		119000				37400		56500				
PCB-173	68194-16-1	ppt-TOC	5180		6830		12800		10900		15700		16200				4930		7420				
PCB-174	38411-25-5	ppt-TOC	218000		317000		589000		517000		691000		748000				233000		358000				
PCB-175	40186-70-7	ppt-TOC	13000		17500		31100		25000		35600		37900				11200		17700				
PCB-176	52663-65-7	ppt-TOC	33200		49500		89600		78000		101000		109000				33000		50000				
PCB-177	52663-70-4	ppt-TOC	149000		211000		381000		303000		421000		460000				153000		225000				
PCB-178	52663-67-9	ppt-TOC	57700		74000		139000		115000		152000		165000				57200		80800				
PCB-179	52663-64-6	ppt-TOC	126000		177000		333000		286000		376000		402000				125000		185000				
PCB-18	37680-65-2	ppt-TOC	541000		1820000		3310000		3960000		6940000		6790000				524000		1050000				
PCB-180	35065-29-3	ppt-TOC	545000		786000		1450000		1190000		1640000		1800000				568000		846000				
PCB-181	74472-47-2	ppt-TOC	1930		2550		6590		5080		8350		6580				4170		5770				
PCB-182/187	PCB-182/187	ppt-TOC	374000		498000		919000		788000		1010000		1110000				375000		535000				
PCB-183	52663-69-1	ppt-TOC	158000		215000		393000		336000		444000		492000				151000		224000				
PCB-184	74472-48-3	ppt-TOC	1590		4140		2810		1650		1800		990				1900		2370				
PCB-185	52712-05-7	ppt-TOC	25800		38100		75600		62100		82100		91500				26800		42300				
PCB-186	74472-49-4	ppt-TOC	1900	U	979	U	1510	U	2170	U	1280	U	802	U			1340	U	1690	U			
PCB-188	74487-85-7	ppt-TOC	1410		1110		1970		1330		3180		2560				1650		1710				
PCB-189	39635-31-9	ppt-TOC	8360		11800		20100		17100		23500		25200				8230		11800				
PCB-19	38444-73-4	ppt-TOC	45400		156000		336000		342000		571000		529000				42600		85800				
PCB-190	41411-64-7	ppt-TOC	44800		64800		111000		97700		134000		143000				43500		64600				
PCB-191	74472-50-7	ppt-TOC	9360		13500		22900		17800		27100		29200				8770		13600				
PCB-192	74472-51-8	ppt-TOC	1900	U	979	U	1510	U	2170	U	1280	U	802	U			1340	U	1690	U			
PCB-193	69782-91-8	ppt-TOC	27000		38100		68900		55100		77600		83800				28500		41500				
PCB-194	35694-08-7	ppt-TOC	149000		202000		389000		271000		376000		394000				153000		233000				
PCB-195	52663-78-2	ppt-TOC	60500		78800		157000		120000		151000		172000				60200		107000				
PCB-196/203	PCB-196/203	ppt-TOC	173000		234000		437000		453000		538000		583000				183000		261000				
PCB-197	33091-17-7	ppt-TOC	5950		8360		14700		14700		18000		19400				5980		9080				
PCB-198	68194-17-2	ppt-TOC	8820		10200		20700		22800		28000		31700				8190		12900				
PCB-199	52663-75-9	ppt-TOC	168000		216000		411000		422000		509000		535000				184000		257000				
PCB-2	2051-61-8	ppt-TOC	17800		24300		38500		45700		39400		43100				17700		27800				
PCB-20/21/33	38444-84-7/5570	ppt-TOC	383000		1150000		1930000		1910000		2870000		3120000				364000		731000				
PCB-200	52663-73-7	ppt-TOC	16300		23000		46700		47200		57100		62100				18600		27000				
PCB-201	40186-71-8	ppt-TOC	24400		32100		62200		58100		72400		72700				25500		38800				
PCB-202	2136-99-4	ppt-TOC	51800		61900		114000		107000		141000		141000				55400		80400				
PCB-204	74472-52-9	ppt-TOC	1900	U	979	U	570		2170	U	1280	U	802	U			560		1690	U			
PCB-205	74472-53-0	ppt-TOC	7860		9740		17400		12200		15400		16300				6990		9350				
PCB-206	40186-72-9	ppt-TOC	137000		150000		281000		250000		294000		296000				143000		185000				
PCB-207	52663-79-3	ppt-TOC	12700		14100		27500		24600		32100		29400				13500		17700				
PCB-208	52663-77-1	ppt-TOC	41900		46400		85900		77900		96800		84000				47600		59600				
PCB-209	2051-24-3	ppt-TOC	105000		132000		267000		322000		406000		356000				121000		161000				
PCB-22	38444-85-8	ppt-TOC	347000		864000		1590000		1330000		2100000		1890000				310000		654000				
PCB-23	55720-44-0	ppt-TOC	1140		2480		3430		4450		5590		6170				863		954				
PCB-24/27	PCB-24/27	ppt-TOC	65500		171000		326000		300000		518000		448000				57800		111000				
PCB-25	55712-37-3	ppt-TOC	164000		307000		585000		429000		629000		454000				152000		296000				
PCB-26	38444-81-4	ppt-TOC	235000		469000		874000		675000		1010000		794000				218000		419000				
PCB-28	7012-37-5	ppt-TOC	1450000		2900000		5890000		4430000		6290000		5560000				1320000		2640000				
PCB-29	15862-07-4	ppt-TOC	3800		12100		17200		20700		28000		25200				3570		5690				
PCB-3	2051-62-9	ppt-TOC	40200		58800		100000		152000		138000		127000				37100		49200				
PCB-30	35693-92-6	ppt-TOC	1900	U	979	U	1510	U	3090		5500		3380				1340	U	1690	U			
PCB-31	16606-02-3	ppt-TOC	1040000		2450000		4260000		3890000		5260000		4880000				989000		1820000				
PCB-34	37680-68-5	ppt-TOC	6730		12800		32200		28200		37600		25000				6460		14000				
PCB-35	37680-69-6	ppt-TOC	43800		85200		160000		121000		204000		174000				42700		73500				
PCB-36	38444-87-0	ppt-TOC	1670		2370		3410		2170	U	2090		802	U			1610		2280				
PCB-37	38444-90-5	ppt-TOC	482000		786000		1340000		902000		1720000		1530000				436000		654000				
PCB-38	53555-66-1	ppt-TOC	8770		13600		25800		16600		26000		33500				7560		13700				
PCB-39	38444-88-1	ppt-TOC	3760		5520		10900		7110		8380		5190				3290		5380				
PCB-4/10	PCB-4/10	ppt-TOC	137000		364000		804000		624000		809000		725000				109000		173000				
PCB-40	38444-93-8	ppt-TOC	179000		376000		741000		352000		668000		687000				117000		130000				
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	782000		1710000		3170000		2500000		4440000				730000								
PCB-42/59	36559-22-5/7447	ppt-TOC	365000		767000		1450000		1270000		2220000		2210000				324000		504000				
PCB-43/49	PCB-43/49	ppt-TOC	918000		1760000		3450000		3030000		5180000		5370000				841000		1220000				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED052		NB01SED052		NB01SED052					
		Sample Name	NB01SED051D-01		NB01SED051D-02		NB01SED051D-03		NB01SED051D-04		NB01SED051D-05		NB01SED051D-06		NB01SED052B-01		NB01SED052B-01		NB01SED052B-02					
		Date Collected	12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		11/30/2005		11/30/2005		11/30/2005					
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.0-0.5		0.5-1.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		Y		N		N		N		Y		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-44	41464-39-5	ppt-TOC	950000		2010000		3810000		3590000		6320000		6830000				862000		1320000					
PCB-45	70362-45-7	ppt-TOC	130000		331000		607000		587000		1050000		1090000				114000		218000					
PCB-46	41464-47-5	ppt-TOC	54500		133000		245000		226000		415000		448000				48900		86500					
PCB-47	2437-79-8	ppt-TOC	384000		702000		1370000		1100000		1890000		2080000				425000		550000					
PCB-48/75	70362-47-9/3259	ppt-TOC	218000		476000		837000		833000		1490000		1450000				178000		266000					
PCB-5/8	PCB-5/8	ppt-TOC	319000		933000		1320000		1440000		1930000		2250000				314000		423000					
PCB-50	62796-65-0	ppt-TOC	2790		7000		12300		12300		20300		17400				3020		5120					
PCB-51	68194-04-7	ppt-TOC	63200		113000		202000		177000		306000		315000				85800		108000					
PCB-52/69	35693-99-3/6023	ppt-TOC	1100000		2190000		4260000		4010000		6790000		7400000				993000		1570000					
PCB-53	41464-41-9	ppt-TOC	139000		321000		600000		551000		974000		1040000				139000		235000					
PCB-54	15968-05-5	ppt-TOC	3440		5690		9560		7740		12400		12700				6780		6960					
PCB-55	74338-24-2	ppt-TOC	14000		26000		45600		27300		56500		75200				12000		18400					
PCB-56/60	PCB-56/60	ppt-TOC	577000		1010000		2080000		1670000		3260000		3980000				529000		812000					
PCB-57	70424-67-8	ppt-TOC	6680		12800		24100		14800		26900		28100				5630		9920					
PCB-58	41464-49-7	ppt-TOC	3470		5380		10500		9550		13200		10000				3440		5190					
PCB-6	25569-80-6	ppt-TOC	78200		158000		300000		300000		344000		369000				81900		105000					
PCB-61/70	PCB-61/70	ppt-TOC	982000		1800000		3960000		3400000		6150000		6790000				901000		1470000					
PCB-62	54230-22-7	ppt-TOC	1900	U	993		1510	U	2170	U	1280	U	802	U			1340	U	1690	U				
PCB-63	74472-34-7	ppt-TOC	37500		72900		147000		108000		204000		221000				33900		59600					
PCB-65	33284-54-7	ppt-TOC	1900	U	2150		4850		2170	U	1280	U	802	U			1340	U	1690	U				
PCB-67	73575-53-8	ppt-TOC	34800		66400		129000		102000		196000		192000				31400		52300					
PCB-68	73575-52-7	ppt-TOC	6320		11200		20600		10900		18200		11100				5400		6380					
PCB-7/9	PCB-7/9	ppt-TOC	23500		92600		134000		158000		175000		176000				22300		35300					
PCB-73	74338-23-1	ppt-TOC	1900	U	979	U	1510	U	2170	U	1280	U	802	U			815000		1690	U				
PCB-74	32690-93-0	ppt-TOC	464000		800000		1640000		1460000		2750000		3000000				423000		635000					
PCB-76/66	PCB-76/66	ppt-TOC	936000		1580000		3470000		2880000		5210000		5560000				876000		1370000					
PCB-77	32598-13-3	ppt-TOC	133000		209000		430000		347000		762000		700000				123000		183000					
PCB-78	70362-49-1	ppt-TOC	1900	U	979	U	1510	U	5750		8120		9770				2480		1690	U				
PCB-79	41464-48-6	ppt-TOC	11900	U	16100		33700		23400		35600		38300				11200		14600					
PCB-80	33284-52-5	ppt-TOC	1900	U	979	U	1510	U	2170	U	1280	U	802	U			1340	U	1690	U				
PCB-81	70362-50-4	ppt-TOC	3470		5290		8190		9040		11800		25400				3610		6310					
PCB-82	52663-62-4	ppt-TOC	119000		190000		364000		302000		506000		654000				124000		192000					
PCB-83	60145-20-2	ppt-TOC	1350		1870		3410		2490		4530		3150				862		985					
PCB-84/92	52663-60-2/5266	ppt-TOC	392000		640000		1330000		1270000		2050000		2290000				409000		638000					
PCB-85/116	PCB-85/116	ppt-TOC	179000		279000		507000		462000		768000		994000				179000		261000					
PCB-86	55312-69-1	ppt-TOC	8180		12500		27600		21200		37900		49400				6540		10200					
PCB-87/117/125	38380-02-8/6819	ppt-TOC	343000		550000		1020000		941000		1600000		2130000				346000		508000					
PCB-88/91	PCB-88/91	ppt-TOC	174000		264000		578000		489000		821000		931000				186000		283000					
PCB-89	73575-57-2	ppt-TOC	15200		26700		51900		46900		77100		98300				14700		24400					
PCB-90/101	PCB-90/101	ppt-TOC	986000		1520000		3110000		2970000		4710000		5210000				1010000		1520000					
PCB-93	73575-56-1	ppt-TOC	1900	U	979	U	1510	U	2170	U	1280	U	802	U			775000		1690	U				
PCB-94	73575-55-0	ppt-TOC	9270		13000		22400		18100		30300		35800				11800		14300					
PCB-95/98/102	38379-99-6/6023	ppt-TOC	736000		1190000		2520000		2330000		3590000		4270000				752000		1170000					
PCB-96	73575-54-9	ppt-TOC	6550		20300		38900		20200		36200		37500				7530		10600					
PCB-97	41464-51-1	ppt-TOC	317000		495000		1020000		944000		1620000		1820000				320000		485000					
PCB-99	38380-01-7	ppt-TOC	491000		757000		1540000		1380000		2290000		2460000				521000		773000					
Total PCB Congeners (209)	No CAS	ppt-TOC	29200000		53300000		101000000		91000000		146000000		149000000				28700000		43100000					
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	21700000		39000000		74400000		67700000		108000000		115000000				20900000		33000000					

Table B-6
TOC-Normalized Congener PCBs

			Location ID	NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED053		NB01SED053		NB01SED053		NB01SED053		NB01SED053	
			Sample Name	NB01SED052B-03		NB01SED052B-04		NB01SED052B-05		NB01SED052B-06		NB01SED053B-01		NB01SED053B-02		NB01SED053B-03		NB01SED053B-04		NB01SED053B-05	
			Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005	
			Depth	1.5-3.5		3.5-6.0		6.0-8.5		8.5-11.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	102000		244000		663000		320000		6420		687		594	U	466	U	336	U
PCB-100	39485-83-1	ppt-TOC	41100		30400		51900		29100		3360		677	U	594	U	466	U	336	U
PCB-103	60145-21-3	ppt-TOC	36800		56300		104000		64600		3250		677	U	594	U	466	U	336	U
PCB-104	56558-16-8	ppt-TOC	3500		1040		1710		780		448	U	677	U	594	U	466	U	336	U
PCB-105	32598-14-4	ppt-TOC	850000		1200000		2980000		2720000		95300		5430		2460		783		1080	
PCB-106/118	PCB-106/118	ppt-TOC	2100000		3360000		7470000		6090000		238000		13100		5780		2130		2500	
PCB-107/109	70424-68-9/7447	ppt-TOC	168000		262000		578000		435000		18200		1030		594	U	466	U	336	U
PCB-108/112	70362-41-3/7447	ppt-TOC	123000		227000		550000		450000		13500		677	U	594	U	466	U	336	U
PCB-11	2050-67-1	ppt-TOC	1300000		2400000		3690000		4410000		57100		6010		2340		1400		1690	
PCB-110	38380-03-9	ppt-TOC	2450000		4560000		10200000		8670000		304000		14700		6360		2520		3120	
PCB-111/115	PCB-111/115	ppt-TOC	50700		76700		190000		199000		5790		677	U	594	U	466	U	336	U
PCB-113	68194-10-5	ppt-TOC	5000		13500		19800		22400		785		677	U	594	U	466	U	336	U
PCB-114	74472-37-0	ppt-TOC	53600		82200		230000		209000		5730		677	U	594	U	466	U	336	U
PCB-119	56558-17-9	ppt-TOC	67300		115000		229000		156000		6980		677	U	594	U	466	U	336	U
PCB-12/13	PCB-12/13	ppt-TOC	484000		426000		678000		354000		15900		1350	U	1190	U	933	U	672	U
PCB-120	68194-12-7	ppt-TOC	4250		7810		16700		7980		744		677	U	594	U	466	U	336	U
PCB-121	56558-18-0	ppt-TOC	905	U	1630	U	1260	U			448	U	677	U	594	U	466	U	336	U
PCB-122	76842-07-4	ppt-TOC	34300		50400		143000		108000		3370		677	U	594	U	466	U	336	U
PCB-123	65510-44-3	ppt-TOC	46400		68900		165000		130000		4600		677	U	594	U	466	U	336	U
PCB-124	70424-70-3	ppt-TOC	89300		135000		328000		257000		9720		677	U	594	U	466	U	336	U
PCB-126	57465-28-8	ppt-TOC	11800		17600		40300		33900		1410		677	U	594	U	466	U	336	U
PCB-127	39635-33-1	ppt-TOC	905	U	1630	U	1260	U			448	U	677	U	594	U	466	U	336	U
PCB-128/162	PCB-128/162	ppt-TOC	266000		396000		847000		765000		33800		1780		771		466	U	338	
PCB-129	55215-18-4	ppt-TOC	64500		116000		258000		239000		8860		677	U	594	U	466	U	336	U
PCB-130	52663-66-8	ppt-TOC	105000		141000		372000		309000		14100		950		594	U	466	U	336	U
PCB-131	61798-70-7	ppt-TOC	905	U	1200		2860		1670		448	U	677	U	594	U	466	U	336	U
PCB-132/161	38380-05-1/7447	ppt-TOC	470000		796000		1650000		1500000		57700		3110		1410		539		564	
PCB-133/142	PCB-133/142	ppt-TOC	49500		87800		179000		145000		6320		677	U	594	U	466	U	336	U
PCB-134/143	PCB-134/143	ppt-TOC	90000		163000		347000		291000		11700		677	U	594	U	466	U	336	U
PCB-135	52744-13-5	ppt-TOC	230000		411000		809000		711000		27900		1490		644		466	U	350	
PCB-136	38411-22-2	ppt-TOC	239000		430000		841000		765000		28300		1540		594	U	466	U	336	U
PCB-137	35694-06-5	ppt-TOC	78200		123000		273000		248000		9900		677	U	594	U	466	U	336	U
PCB-138/163/164	35065-28-2/7447	ppt-TOC	1670000		2800000		5470000		4890000		209000		11900		4950		1950		2140	
PCB-139/149	PCB-139/149	ppt-TOC	1480000		2690000		4970000		4520000		177000		8580		3940		1530		1620	
PCB-14	34883-41-5	ppt-TOC	1810	U	3260	U	2520	U			896	U	1350	U	1190	U	933	U	672	U
PCB-140	59291-64-4	ppt-TOC	11300		19700		34700		24800		1420		677	U	594	U	466	U	336	U
PCB-141	52712-04-6	ppt-TOC	273000		519000		1090000		1040000		34300		1780		771		466	U	336	U
PCB-144	68194-14-9	ppt-TOC	84500		166000		307000		289000		9960		677	U	594	U	466	U	336	U
PCB-145	74472-40-5	ppt-TOC	905	U	1450		3840		2460		448	U	677	U	594	U	466	U	336	U
PCB-146/165	51908-16-8/7447	ppt-TOC	252000		441000		806000		674000		29500		1790		879		466	U	336	U
PCB-147	68194-13-8	ppt-TOC	48400		79300		152000		114000		7090		677	U	594	U	466	U	336	U
PCB-148	74472-41-6	ppt-TOC	4500		5780		8660		6150		392		677	U	594	U	466	U	336	U
PCB-15	2050-68-2	ppt-TOC	1740000		2100000		4220000		3070000		128000		9670		3490		1520		2040	
PCB-150	68194-08-1	ppt-TOC	7250		9590		17100		8630		707		677	U	594	U	466	U	336	U
PCB-151	52663-63-5	ppt-TOC	395000		748000		1340000		1220000		46100		2380		1090		466	U	508	
PCB-152	68194-09-2	ppt-TOC	2170		3280		6410		5460		448	U	677	U	594	U	466	U	336	U
PCB-153	35065-27-1	ppt-TOC	1700000		2810000		5250000		4630000		193000		11300		5010		1790		2140	
PCB-154	60145-22-4	ppt-TOC	40500		57400		85900		54100		4200		677	U	594	U	466	U	336	U
PCB-155	33979-03-2	ppt-TOC	187000		4590		6880		1400		973		677	U	594	U	466	U	336	U
PCB-156	38380-08-4	ppt-TOC	167000		234000		541000		485000		20900		1160		594	U	466	U	336	U
PCB-157	69782-90-7	ppt-TOC	39300		52600		117000		101000		4870		677	U	594	U	466	U	336	U
PCB-158/160	74472-42-7/4141	ppt-TOC	191000		317000		653000		572000		24000		1430		594	U	466	U	336	U
PCB-159	39635-35-3	ppt-TOC	16600		27200		50600		44800		2270		677	U	594	U	466	U	336	U
PCB-16/32	PCB-16/32	ppt-TOC	2360000		3150000		7220000		7090000		73900		4750		1740		811		1250	
PCB-166	41411-63-6	ppt-TOC	7230		10700		25800		20100		927		677	U	594	U	466	U	336	U
PCB-167	52663-72-6	ppt-TOC	70200		103000		212000		184000		8480		677	U	594	U	466	U	336	U
PCB-168	59291-65-5	ppt-TOC	4480		5810		10000		6910		512		677	U	594	U	466	U	336	U
PCB-169	32774-16-6	ppt-TOC	905	U	1630	U	1260	U			448	U	677	U	594	U	466	U	336	U
PCB-17	37680-66-3	ppt-TOC	1770000		2370000		5130000		4590000		47200		3160		1140		476		840	
PCB-170	35065-30-6	ppt-TOC	434000		719000		1320000		1240000		40000		2480		1120		467		432	U
PCB-171	52663-71-5	ppt-TOC	140000				400000		361000		12100		833		594	U	466	U	336	U

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED053		NB01SED053		NB01SED053		NB01SED053		NB01SED053		NB01SED053	
		Sample Name	NB01SED052B-03		NB01SED052B-04		NB01SED052B-05		NB01SED052B-06		NB01SED053B-01		NB01SED053B-02		NB01SED053B-03		NB01SED053B-04		NB01SED053B-05			
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005			
		Depth	1.5-3.5		3.5-6.0		6.0-8.5		8.5-11.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-172	52663-74-8	ppt-TOC	81100				235000		210000		7100		677	U	594	U	466	U	336	U		
PCB-173	68194-16-1	ppt-TOC	10800				35900		30200		995		677	U	594	U	466	U	336	U		
PCB-174	38411-25-5	ppt-TOC	486000				1550000		1420000		41400		2600		1190		471		492			
PCB-175	40186-70-7	ppt-TOC	22700		40000		74700		70900		2330		677	U	594	U	466	U	336	U		
PCB-176	52663-65-7	ppt-TOC	69800		121000		234000		216000		6450		677	U	594	U	466	U	336	U		
PCB-177	52663-70-4	ppt-TOC	320000				913000		811000		28500		1770		871		466	U	359			
PCB-178	52663-67-9	ppt-TOC	106000		190000		334000		298000		10600		677	U	594	U	466	U	336	U		
PCB-179	52663-64-6	ppt-TOC	232000		456000		831000		739000		23700		1390		638		466	U	336	U		
PCB-18	37680-65-2	ppt-TOC	3910000		5110000		12200000		12100000		108000		6880		2670		1040		2070			
PCB-180	35065-29-3	ppt-TOC	1200000				3470000		3110000		107000		6600		3000		1110		1090			
PCB-181	74472-47-2	ppt-TOC	3520				10400		11800		485		677	U	594	U	466	U	336	U		
PCB-182/187	PCB-182/187	ppt-TOC	684000		1260000		2250000		2000000		69400		3980		1870		644		712			
PCB-183	52663-69-1	ppt-TOC	311000		530000		1000000		941000		29300		1740		886		466	U	336	U		
PCB-184	74472-48-3	ppt-TOC	11600		2890		5530		1380		448	U	833		594	U	466	U	336	U		
PCB-185	52712-05-7	ppt-TOC	58200				194000		177000		4980		677	U	594	U	466	U	336	U		
PCB-186	74472-49-4	ppt-TOC	905	U	1630	U	1260	U			448	U	677	U	594	U	466	U	336	U		
PCB-188	74487-85-7	ppt-TOC	1770		3000		5530		2260		448	U	677	U	594	U	466	U	336	U		
PCB-189	39635-31-9	ppt-TOC	18100		26300		50300		48700		1700		677	U	594	U	466	U	336	U		
PCB-19	38444-73-4	ppt-TOC	295000		433000		888000		911000		8950		705		594	U	466	U	336	U		
PCB-190	41411-64-7	ppt-TOC	89800		153000		281000		257000		8660		677	U	594	U	466	U	336	U		
PCB-191	74472-50-7	ppt-TOC	20700				57200		50900		1770		677	U	594	U	466	U	336	U		
PCB-192	74472-51-8	ppt-TOC	905	U	1630	U	1260	U			448	U	677	U	594	U	466	U	336	U		
PCB-193	69782-91-8	ppt-TOC	58400				163000		141000		5400		677	U	594	U	466	U	336	U		
PCB-194	35694-08-7	ppt-TOC	295000		507000		931000		809000		25200		1470		764		466	U	336	U		
PCB-195	52663-78-2	ppt-TOC	132000		216000		419000		413000		9590		677	U	594	U	466	U	336	U		
PCB-196/203	PCB-196/203	ppt-TOC	327000		637000		1030000		870000		32500		2130		1030		466	U	386			
PCB-197	33091-17-7	ppt-TOC	11800		20800		38100		30000		996		677	U	594	U	466	U	336	U		
PCB-198	68194-17-2	ppt-TOC	15800		29400		45300		39600		1550		677	U	594	U	466	U	336	U		
PCB-199	52663-75-9	ppt-TOC	305000		607000		991000		826000		31700		2120		1200		466	U	392			
PCB-2	2051-61-8	ppt-TOC	33000		48900		145000		176000		4330		1800		1310		1090		836			
PCB-20/21/33	38444-84-7/5570	ppt-TOC	2300000		2740000		7970000		7540000		72900		4130		1560		622		1070			
PCB-200	52663-73-7	ppt-TOC	35500		74800		122000		107000		2940		677	U	594	U	466	U	336	U		
PCB-201	40186-71-8	ppt-TOC	45900		85200		146000		116000		4390		677	U	594	U	466	U	336	U		
PCB-202	2136-99-4	ppt-TOC	85900		157000		251000		209000		9780		694		594	U	466	U	336	U		
PCB-204	74472-52-9	ppt-TOC	905	U	1630	U	2240		691		448	U	677	U	594	U	466	U	336	U		
PCB-205	74472-53-0	ppt-TOC	12600		21900		39100		37800		1250		677	U	594	U	466	U	336	U		
PCB-206	40186-72-9	ppt-TOC	181000		332000		488000		389000		21000		1540		864		466	U	336	U		
PCB-207	52663-79-3	ppt-TOC	18700		36200		61900		43000		2020		677	U	594	U	466	U	336	U		
PCB-208	52663-77-1	ppt-TOC	52700		97400		138000		114000		7170		677	U	594	U	466	U	336	U		
PCB-209	2051-24-3	ppt-TOC	178000		389000		553000		433000		16600		1090		708		466	U	336	U		
PCB-22	38444-85-8	ppt-TOC	1680000		1800000		5130000		4430000		65700		3890		1320		628		1080			
PCB-23	55720-44-0	ppt-TOC	5390		4520		10700		11700		448	U	677	U	594	U	466	U	336	U		
PCB-24/27	PCB-24/27	ppt-TOC	325000		430000		875000		811000		11500		773		594	U	466	U	336	U		
PCB-25	55712-37-3	ppt-TOC	561000		674000		1440000		1110000		28300		1670		793		466	U	460	U		
PCB-26	38444-81-4	ppt-TOC	945000		1090000		2530000		2220000		41700		2560		1190		466	U	704			
PCB-28	7012-37-5	ppt-TOC	5340000		6930000		14200000		12200000		267000		16200		6440		2380		4120			
PCB-29	15862-07-4	ppt-TOC	24800		28300		71600		54800		809		677	U	594	U	466	U	336	U		
PCB-3	2051-62-9	ppt-TOC	95500		169000		531000		261000		7550		867		594	U	466	U	336	U		
PCB-30	35693-92-6	ppt-TOC	905	U	1630	U	1260	U			448	U	677	U	594	U	466	U	336	U		
PCB-31	16606-02-3	ppt-TOC	4550000		5480000		14100000		11200000		193000		11500		4200		1970		2740			
PCB-34	37680-68-5	ppt-TOC	29500		46300		112000		64600		1090		677	U	594	U	466	U	336	U		
PCB-35	37680-69-6	ppt-TOC	130000		173000		413000		507000		7370		677	U	594	U	466	U	336	U		
PCB-36	38444-87-0	ppt-TOC	2910		3570		6250		3200		448	U	677	U	594	U	466	U	336	U		
PCB-37	38444-90-5	ppt-TOC	1150000		1660000		3720000		3090000		91400		6030		2510		1060		1280			
PCB-38	53555-66-1	ppt-TOC	30900		45900		91300		72600		2620		677	U	594	U	466	U	336	U		
PCB-39	38444-88-1	ppt-TOC	8090		13400		20000		11200		634		677	U	594	U	466	U	336	U		
PCB-4/10	PCB-4/10	ppt-TOC	745000		948000		2130000		1790000		22800		1620	U	1190	U	933	U	672	U		
PCB-40	38444-93-8	ppt-TOC	286000		848000		969000		841000		24400		1780		693		466	U	532			
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC			3700000		5910000				145000		8750		3940		1580		2530			
PCB-42/59	36559-22-5/7447	ppt-TOC	1130000		1670000		3720000		2720000		70700		3750		1510		639		1040			
PCB-43/49	PCB-43/49	ppt-TOC	2610000		4070000		8500000		5910000		183000		8830		3690		1440		2300			

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED053		NB01SED053		NB01SED053		NB01SED053		NB01SED053			
		Sample Name	NB01SED052B-03		NB01SED052B-04		NB01SED052B-05		NB01SED052B-06		NB01SED053B-01		NB01SED053B-02		NB01SED053B-03		NB01SED053B-04		NB01SED053B-05			
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005			
		Depth	1.5-3.5		3.5-6.0		6.0-8.5		8.5-11.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-44	41464-39-5	ppt-TOC	2980000		4480000		9630000		8090000		193000		9920		4110		1560		2510			
PCB-45	70362-45-7	ppt-TOC	545000		722000		1860000		1490000		25200		1240		594	U	466	U	345			
PCB-46	41464-47-5	ppt-TOC	223000		300000		759000		639000		10600		677	U	594	U	466	U	336	U		
PCB-47	2437-79-8	ppt-TOC	1050000		1430000		3220000		2300000		81500		4250		1980		700		1100			
PCB-48/75	70362-47-9/3259	ppt-TOC	716000		1030000		2220000		1700000		39200		1940		829		466	U	536			
PCB-5/8	PCB-5/8	ppt-TOC	1910000		1950000		5500000		4870000		64100		4460		1740		933	U	1030	U		
PCB-50	62796-65-0	ppt-TOC	11700		16900		37200		24300		553		677	U	594	U	466	U	336	U		
PCB-51	68194-04-7	ppt-TOC	185000		227000		547000		409000		12900		773		594	U	466	U	336	U		
PCB-52/69	35693-99-3/6023	ppt-TOC	3410000		4960000		11500000		8390000		253000		11000		4610		1790		2960			
PCB-53	41464-41-9	ppt-TOC	493000		737000		1710000		1350000		27900		1480		617		466	U	378			
PCB-54	15968-05-5	ppt-TOC	10500		10400		25200		21500		865		677	U	594	U	466	U	336	U		
PCB-55	74338-24-2	ppt-TOC	28900		44400		118000		122000		3530		677	U	594	U	466	U	336	U		
PCB-56/60	PCB-56/60	ppt-TOC	1200000		2200000		5780000		5040000		129000		7390		3290		1080		1920			
PCB-57	70424-67-8	ppt-TOC	18500		23400		50000		40900		1360		677	U	594	U	466	U	336	U		
PCB-58	41464-49-7	ppt-TOC	7660		13000		26200		14100		782		677	U	594	U	466	U	336	U		
PCB-6	25569-80-6	ppt-TOC	425000		441000		1110000		826000		14000		1350	U	1190	U	933	U	672	U		
PCB-61/70	PCB-61/70	ppt-TOC	2480000		4440000		10300000		8130000		236000		12200		5470		2140		3200			
PCB-62	54230-22-7	ppt-TOC	905	U	1630	U	1260	U			448	U	677	U	594	U	466	U	336	U		
PCB-63	74472-34-7	ppt-TOC	105000		159000		366000		274000		7960		677	U	594	U	466	U	336	U		
PCB-65	33284-54-7	ppt-TOC	3140		4260		10200		6430		448	U	677	U	594	U	466	U	336	U		
PCB-67	73575-53-8	ppt-TOC	95700		140000		316000		250000		7290		677	U	594	U	466	U	336	U		
PCB-68	73575-52-7	ppt-TOC	10500		26600		25100		14800		1420		677	U	594	U	466	U	336	U		
PCB-7/9	PCB-7/9	ppt-TOC	208000		225000		675000		393000		5300		1350	U	1190	U	933	U	672	U		
PCB-73	74338-23-1	ppt-TOC	905	U	1630	U	1260	U			448	U	677	U	594	U	466	U	336	U		
PCB-74	32690-93-0	ppt-TOC	1050000		1970000		4690000		3720000		106000		6200		2510		928		1600			
PCB-76/66	PCB-76/66	ppt-TOC	2110000		3850000		8750000		6480000		216000		12100		5340		1930		2920			
PCB-77	32598-13-3	ppt-TOC	248000		437000		1210000		1170000		25500		2040		692		466	U	412			
PCB-78	70362-49-1	ppt-TOC	905	U	1630	U	1260	U			448	U	677	U	594	U	466	U	336	U		
PCB-79	41464-48-6	ppt-TOC	22100		38900		77500		57000		3520		677	U	594	U	466	U	336	U		
PCB-80	33284-52-5	ppt-TOC	905	U	1630	U	1260	U			448	U	677	U	594	U	466	U	336	U		
PCB-81	70362-50-4	ppt-TOC	6800		13500		42500		32600		1130		677	U	594	U	466	U	336	U		
PCB-82	52663-62-4	ppt-TOC	266000		459000		1240000		1170000		31900		1640		743		466	U	416			
PCB-83	60145-20-2	ppt-TOC	2020		3620		11400		9220		448	U	677	U	594	U	466	U	336	U		
PCB-84/92	52663-60-2/5266	ppt-TOC	995000		1870000		4410000		3650000		110000		5230		2360		872		1180			
PCB-85/116	PCB-85/116	ppt-TOC	395000		681000		1730000		1540000		46300		2580		1210		466	U	564			
PCB-86	55312-69-1	ppt-TOC	14100		28100		106000		92800		1670		677	U	594	U	466	U	336	U		
PCB-87/117/125	38380-02-8/6819	ppt-TOC	745000		1340000		3530000		3500000		100000		4690		2310		800		1040			
PCB-88/91	PCB-88/91	ppt-TOC	455000		826000		1730000		1290000		43200		2380		1040		466	U	524			
PCB-89	73575-57-2	ppt-TOC	38000		70400		199000		184000		3530		677	U	594	U	466	U	336	U		
PCB-90/101	PCB-90/101	ppt-TOC	2340000		4300000		9440000		8070000		274000		12900		6010		2230		2950			
PCB-93	73575-56-1	ppt-TOC	905	U	3850000		2290				448	U	677	U	594	U	466	U	336	U		
PCB-94	73575-55-0	ppt-TOC	22400		32900		70300		52200		2040		677	U	594	U	466	U	336	U		
PCB-95/98/102	38379-99-6/6023	ppt-TOC	1930000		3540000		7630000		6370000		203000		9830		4340		1750		2160			
PCB-96	73575-54-9	ppt-TOC	21600		58100		83100		65000		1790		677	U	594	U	466	U	336	U		
PCB-97	41464-51-1	ppt-TOC	773000		1430000		3340000		2850000		85700		4270		1890		545		980			
PCB-99	38380-01-7	ppt-TOC	1260000		2150000		4690000		3760000		128000		6620		3080		1150		1400			
Total PCB Congeners (209)	No CAS	ppt-TOC	83200000		130000000		285000000		237000000		6440000		344000		143000		48100		73200			
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	63400000		91100000		206000000		176000000		4870000		269000		116000		39600		56000			

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED053		NB01SED054		NB01SED054		NB01SED054		NB01SED054		NB01SED055		NB01SED055		NB01SED055		NB01SED056	
		Sample Name	NB01SED053B-06		NB01SED054A-01		NB01SED054A-02		NB01SED054A-03		NB01SED054A-04		NB01SED055D-01		NB01SED055D-02		NB01SED055D-03		NB01SED056B-01	
		Date Collected	12/4/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005	
		Depth	5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	584	U	6910		2880		1490	U	2490	U	40300		51400		75800		38300	
PCB-100	39485-83-1	ppt-TOC	584	U	4640		1580	U	1490	U	2490	U	20500		20600		17000		20700	
PCB-103	60145-21-3	ppt-TOC	584	U	3380		1580	U	1490	U	2490	U	14900		26300		32500		22800	
PCB-104	56558-16-8	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	1710		6170	U	4650	U	1290	
PCB-105	32598-14-4	ppt-TOC	691		54700		16300		1490		2490	U	239000		851000		1030000		573000	
PCB-106/118	PCB-106/118	ppt-TOC	1380		142000		41700		3210		2490	U	616000		2110000		2580000		1380000	
PCB-107/109	70424-68-9/7447	ppt-TOC	584	U	11200		3850		1490	U	2490	U	51400		155000		185000		109000	
PCB-108/112	70362-41-3/7447	ppt-TOC	584	U	8430		2770		1490	U	2490	U	35500		123000		163000		85900	
PCB-11	2050-67-1	ppt-TOC	1660		43800		16200		3230	U	4970	U	188000		951000		1380000		718000	
PCB-110	38380-03-9	ppt-TOC	2500		181000		51900		4000		2490	U	763000		2790000		3520000		1750000	
PCB-111/115	PCB-111/115	ppt-TOC	584	U	3070		1580	U	1490	U	2490	U	13700		63100		68900		35200	
PCB-113	68194-10-5	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	3320		6170	U	4650	U	4590	
PCB-114	74472-37-0	ppt-TOC	584	U	3460		1580	U	1490	U	2490	U	15100		55600		74900		37300	
PCB-119	56558-17-9	ppt-TOC	584	U	5320		1870		1490	U	2490	U	25100		53900		65200		42100	
PCB-12/13	PCB-12/13	ppt-TOC	1160	U	18300		6000		2980	U	4970	U	104000		193000		158000		187000	
PCB-120	68194-12-7	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2390		4170		4650	U	4090	
PCB-121	56558-18-0	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	4650	U	7050	
PCB-122	76842-07-4	ppt-TOC	584	U	2280		1580	U	1490	U	2490	U	9420		33000		42600		23200	
PCB-123	65510-44-3	ppt-TOC	584	U	2810		1580	U	1490	U	2490	U	13500		42500		48900		29200	
PCB-124	70424-70-3	ppt-TOC	584	U	5870		1690		1490	U	2490	U	24900		91500		111000		61400	
PCB-126	57465-28-8	ppt-TOC	584	U	859		1580	U	1490	U	2490	U	4460		11500		14200		8770	
PCB-127	39635-33-1	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	4650	U	1840	U
PCB-128/162	PCB-128/162	ppt-TOC	584	U	17700		5830		1490	U	2490	U	82600		249000		327000		180000	
PCB-129	55215-18-4	ppt-TOC	584	U	4760		1580	U	1490	U	2490	U	19500		73500		95200		50000	
PCB-130	52663-66-8	ppt-TOC	584	U	8210		2350		1490	U	2490	U	36800		111000		138000		75900	
PCB-131	61798-70-7	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	4650	U	1840	U
PCB-132/161	38380-05-1/7447	ppt-TOC	750		32600		9330		1490	U	2490	U	144000		492000		600000		341000	
PCB-133/142	PCB-133/142	ppt-TOC	584	U	3690		1580	U	1490	U	2490	U	17400		49000		65800		36300	
PCB-134/143	PCB-134/143	ppt-TOC	584	U	6380		2080		1490	U	2490	U	27700		95400		116000		66400	
PCB-135	52744-13-5	ppt-TOC	584	U	17200		5690		1490	U	2490	U	82100		246000		299000		168000	
PCB-136	38411-22-2	ppt-TOC	584	U	17400		5420		1490	U	2490	U	83200		262000		333000		172000	
PCB-137	35694-06-5	ppt-TOC	584	U	5340		1710		1490	U	2490	U	23900		84600		100000		56800	
PCB-138/163/164	35065-28-2/7447	ppt-TOC	1890		126000		36000		2460		2490	U	574000		1760000		2120000		1240000	
PCB-139/149	PCB-139/149	ppt-TOC	1660		109000		35000		2630		2490	U	547000		1620000		1990000		1100000	
PCB-14	34883-41-5	ppt-TOC	1160	U	1200	U	3150	U	2980	U	4970	U	4630	U	12300	U	9300	U	4420	
PCB-140	59291-64-4	ppt-TOC	584	U	862		1580	U	1490	U	2490	U	4930		11000		13700		7680	
PCB-141	52712-04-6	ppt-TOC	584	U	19900		5420		1490	U	2490	U	90000		314000		399000		220000	
PCB-144	68194-14-9	ppt-TOC	584	U	5560		1920		1490	U	2490	U	28700		91500		123000		61800	
PCB-145	74472-40-5	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	4650	U	1840	U
PCB-146/165	51908-16-8/7447	ppt-TOC	584	U	19900		6080		1490	U	2490	U	88400		242000		299000		178000	
PCB-147	68194-13-8	ppt-TOC	584	U	5200		1840		1490	U	2490	U	28300		53400		61500		38900	
PCB-148	74472-41-6	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2660		6170	U	4250		2880	
PCB-15	2050-68-2	ppt-TOC	1160	U	115000		36500		2980	U	4970	U	647000		1190000		1060000		1040000	
PCB-150	68194-08-1	ppt-TOC	584	U	682		1580	U	1490	U	2490	U	4580		6440		12600		5140	
PCB-151	52663-63-5	ppt-TOC	584	U	30400		9500		1490	U	2490	U	148000		435000		529000		302000	
PCB-152	68194-09-2	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	2110		1490	
PCB-153	35065-27-1	ppt-TOC	1400		125000		37700		2560		2490	U	589000		1680000		2060000		1210000	
PCB-154	60145-22-4	ppt-TOC	584	U	3960		1580	U	1490	U	2490	U	23900		33100		54600		26800	
PCB-155	33979-03-2	ppt-TOC	584	U	1010		1580	U	1490	U	2490	U	4330		6170	U	2310		9770	
PCB-156	38380-08-4	ppt-TOC	584	U	10600		3250		1490	U	2490	U	46700		158000		198000		106000	
PCB-157	69782-90-7	ppt-TOC	584	U	2570		1580	U	1490	U	2490	U	11900		31300		43000		22500	
PCB-158/160	74472-42-7/4141	ppt-TOC	584	U	13100		3870		1490	U	2490	U	56800		197000		242000		139000	
PCB-159	39635-35-3	ppt-TOC	584	U	1310		1580	U	1490	U	2490	U	6320		15400		21300		12900	
PCB-16/32	PCB-16/32	ppt-TOC	660		55300		17400		2420		2510		254000		1490000		2130000		836000	
PCB-166	41411-63-6	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2710		6130		8680		5320	
PCB-167	52663-72-6	ppt-TOC	584	U	4770		1580	U	1490	U	2490	U	22500		61400		78200		47300	
PCB-168	59291-65-5	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2100		6170	U	4650	U	2580	
PCB-169	32774-16-6	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	4650	U	1840	U
PCB-17	37680-66-3	ppt-TOC	584	U	37300		11600		1490	U	2490	U	181000		1030000		1450000		591000	
PCB-170	35065-30-6	ppt-TOC	584	U	30100		8440		1490	U	2490	U	138000		393000		510000		313000	
PCB-171	52663-71-5	ppt-TOC	584	U	9180		2620		1490	U	2490	U	43500		118000		148000		90900	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED053		NB01SED054		NB01SED054		NB01SED054		NB01SED054		NB01SED055		NB01SED055		NB01SED055		NB01SED056	
		Sample Name	NB01SED053B-06		NB01SED054A-01		NB01SED054A-02		NB01SED054A-03		NB01SED054A-04		NB01SED055D-01		NB01SED055D-02		NB01SED055D-03		NB01SED056B-01	
		Date Collected	12/4/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005	
		Depth	5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC	584	U	5380		1580	U	1490	U	2490	U	26600		72700		84500		54500	
PCB-173	68194-16-1	ppt-TOC	584	U	715		1580	U	1490	U	2490	U	3290		10400		12600		7320	
PCB-174	38411-25-5	ppt-TOC	584	U	33000		9690		1490	U	2490	U	154000		461000		563000		329000	
PCB-175	40186-70-7	ppt-TOC	584	U	1990		1580	U	1490	U	2490	U	9160		23700		29000		18500	
PCB-176	52663-65-7	ppt-TOC	584	U	4880		1580	U	1490	U	2490	U	23500		67500		82400		48600	
PCB-177	52663-70-4	ppt-TOC	584	U	22100		6710		1490	U	2490	U	104000		287000		338000		217000	
PCB-178	52663-67-9	ppt-TOC	584	U	8730		2540		1490	U	2490	U	44000		107000		131000		82700	
PCB-179	52663-64-6	ppt-TOC	584	U	19000		5520		1490	U	2490	U	92100		248000		312000		185000	
PCB-18	37680-65-2	ppt-TOC	1040		75500		23300		3330		4180		340000		2490000		3680000		1260000	
PCB-180	35065-29-3	ppt-TOC	625		82700		22900		1490		2490	U	395000		1120000		1350000		823000	
PCB-181	74472-47-2	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	1700		3790		6150		3640	
PCB-182/187	PCB-182/187	ppt-TOC	584	U	58500		16900		1490	U	2490	U	285000		730000		925000		541000	
PCB-183	52663-69-1	ppt-TOC	584	U	23300		6370		1490	U	2490	U	111000		314000		411000		228000	
PCB-184	74472-48-3	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	1370		6170	U	4650	U	1600	
PCB-185	52712-05-7	ppt-TOC	584	U	3670		1580	U	1490	U	2490	U	18800		54500		72400		39300	
PCB-186	74472-49-4	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	4650	U	1840	U
PCB-188	74487-85-7	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	1520		2730		3290		1580	
PCB-189	39635-31-9	ppt-TOC	584	U	1310		1580	U	1490	U	2490	U	6260		16500		17300		12000	
PCB-19	38444-73-4	ppt-TOC	584	U	7420		2460		1490	U	2490	U	33100		185000		282000		104000	
PCB-190	41411-64-7	ppt-TOC	584	U	6490		2210		1490	U	2490	U	30400		83800		111000		65900	
PCB-191	74472-50-7	ppt-TOC	584	U	1280		1580	U	1490	U	2490	U	6420		18600		22900		13300	
PCB-192	74472-51-8	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	4650	U	1840	U
PCB-193	69782-91-8	ppt-TOC	584	U	4120		1580	U	1490	U	2490	U	20400		51100		66500		40500	
PCB-194	35694-08-7	ppt-TOC	584	U	22500		6210		1490	U	2490	U	113000		300000		379000		215000	
PCB-195	52663-78-2	ppt-TOC	584	U	8800		2400		1490	U	2490	U	43900		116000		144000		84500	
PCB-196/203	PCB-196/203	ppt-TOC	584	U	29200		8290		1490	U	2490	U	146000		415000		486000		266000	
PCB-197	33091-17-7	ppt-TOC	584	U	984		1580	U	1490	U	2490	U	4670		12700		13200		8000	
PCB-198	68194-17-2	ppt-TOC	584	U	1430		1580	U	1490	U	2490	U	7320		21000		22400		12500	
PCB-199	52663-75-9	ppt-TOC	584	U	27800		7850		1490	U	2490	U	146000		396000		462000		261000	
PCB-2	2051-61-8	ppt-TOC	584	U	4110		2750		1490	U	2490	U	12200		33200		64200		23300	
PCB-20/21/33	38444-84-7/5570	ppt-TOC	649		50100		13800		2480		2490	U	247000		1630000		2300000		818000	
PCB-200	52663-73-7	ppt-TOC	584	U	2790		1580	U	1490	U	2490	U	14100		39600		48300		25000	
PCB-201	40186-71-8	ppt-TOC	584	U	3950		1580	U	1490	U	2490	U	19400		52400		58100		35100	
PCB-202	2136-99-4	ppt-TOC	584	U	9540		2750		1490	U	2490	U	42900		118000		125000		77700	
PCB-204	74472-52-9	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	4650	U	1840	U
PCB-205	74472-53-0	ppt-TOC	584	U	1100		1580	U	1490	U	2490	U	5630		13000		17300		9090	
PCB-206	40186-72-9	ppt-TOC	584	U	21200		6600		1490	U	2490	U	114000		334000		395000		192000	
PCB-207	52663-79-3	ppt-TOC	584	U	2070		1580	U	1490	U	2490	U	11700		30600		36300		18200	
PCB-208	52663-77-1	ppt-TOC	584	U	7150		2250		1490	U	2490	U	37600		114000		126000		64500	
PCB-209	2051-24-3	ppt-TOC	584	U	17300		5580		1490	U	2490	U	96800		465000		471000		162000	
PCB-22	38444-85-8	ppt-TOC	584	U	44500		14900		2190		2490	U	233000		1120000		1510000		709000	
PCB-23	55720-44-0	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	3190		2020	
PCB-24/27	PCB-24/27	ppt-TOC	584	U	9470		3100		1490	U	2490	U	48200		186000		236000		124000	
PCB-25	55712-37-3	ppt-TOC	584	U	25500		8270		1490	U	2490	U	148000		335000		362000		265000	
PCB-26	38444-81-4	ppt-TOC	584	U	36300		10800		1490	U	2490	U	216000		568000		648000		398000	
PCB-28	7012-37-5	ppt-TOC	1060		202000		65600		6120		3910		1170000		3620000		4550000		2510000	
PCB-29	15862-07-4	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2510		15600		21700		7770	
PCB-3	2051-62-9	ppt-TOC	584	U	5510		2230		1490	U	2490	U	29900		58600		79600		48200	
PCB-30	35693-92-6	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	4650	U	1840	U
PCB-31	16606-02-3	ppt-TOC	1110		152000		45400		4900		3420		763000		3170000		3830000		2010000	
PCB-34	37680-68-5	ppt-TOC	584	U	1160		1580	U	1490	U	2490	U	6740		17500		22100		13500	
PCB-35	37680-69-6	ppt-TOC	584	U	5390		1880		1490	U	2490	U	37700		113000		155000		76800	
PCB-36	38444-87-0	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	1940		6170	U	4650	U	6320	
PCB-37	38444-90-5	ppt-TOC	584	U	64500		21700		2130		2490	U	340000		952000		1090000		755000	
PCB-38	53555-66-1	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	4520		15200		14400		11000	
PCB-39	38444-88-1	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	3590		6280		5040		18400	
PCB-4/10	PCB-4/10	ppt-TOC	1160	U	19600		3150	U	2980	U	4970	U	112000		382000		546000		210000	
PCB-40	38444-93-8	ppt-TOC	584	U	12600		8710		1490	U	2490	U	58900		523000		351000		195000	
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	1070				41700		3870		2490	U	495000		2450000				1450000	
PCB-42/59	36559-22-5/7447	ppt-TOC	584	U	48500		18800		1720		2490	U	235000		965000		1240000		686000	
PCB-43/49	PCB-43/49	ppt-TOC	793		127000		45200		3790		2490	U	616000		2310000		2950000		1610000	

Table B-6
TOC-Normalized Congener PCBs

			Location ID		NB01SED053		NB01SED054		NB01SED054		NB01SED054		NB01SED054		NB01SED055		NB01SED055		NB01SED055		NB01SED056	
			Sample Name		NB01SED053B-06		NB01SED054A-01		NB01SED054A-02		NB01SED054A-03		NB01SED054A-04		NB01SED055D-01		NB01SED055D-02		NB01SED055D-03		NB01SED056B-01	
			Date Collected		12/4/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005	
			Depth		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	1220		125000		44600		4250		3090		579000		2860000		3810000		1850000	
PCB-45	70362-45-7	ppt-TOC	584	U	16500		6150		1490	U	2490	U	72600		421000		602000		255000	
PCB-46	41464-47-5	ppt-TOC	584	U	7610		2980		1490	U	2490	U	32300		170000		256000		103000	
PCB-47	2437-79-8	ppt-TOC	584	U	70000		23500		1490	U	2490	U	316000		873000		1050000		655000	
PCB-48/75	70362-47-9/3259	ppt-TOC	584	U	22800		8830		1490	U	2490	U	122000		573000		804000		415000	
PCB-5/8	PCB-5/8	ppt-TOC	1160	U	48000		15700		2980	U	4970	U	244000		1070000		1460000		541000	
PCB-50	62796-65-0	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	1960		7510		9990		5320	
PCB-51	68194-04-7	ppt-TOC	584	U	12900		4130		1490	U	2490	U	58400		144000		180000		104000	
PCB-52/69	35693-99-3/6023	ppt-TOC	1440		150000		51900		4580		3010		679000		3080000		4170000		2010000	
PCB-53	41464-41-9	ppt-TOC	584	U	21500		7080		1490	U	2490	U	97900		407000		569000		265000	
PCB-54	15968-05-5	ppt-TOC	584	U	1060		1580	U	1490	U	2490	U	3760		6730		7870		5770	
PCB-55	74338-24-2	ppt-TOC	584	U	1880		1580	U	1490	U	2490	U	7950		28200		34800		22000	
PCB-56/60	PCB-56/60	ppt-TOC	771		76400		24400		2380		2490	U	369000		1450000		1950000		1010000	
PCB-57	70424-67-8	ppt-TOC	584	U	912		1580	U	1490	U	2490	U	4550		11900		13600		11300	
PCB-58	41464-49-7	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2720		5490		7330		5550	
PCB-6	25569-80-6	ppt-TOC	1160	U	13800		3150	U	2980	U	4970	U	82100		190000		263000		114000	
PCB-61/70	PCB-61/70	ppt-TOC	1330		131000		43700		4170		2490	U	637000		2610000		3520000		1770000	
PCB-62	54230-22-7	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	4650	U	1840	U
PCB-63	74472-34-7	ppt-TOC	584	U	5120		1740		1490	U	2490	U	25100		83000		107000		66400	
PCB-65	33284-54-7	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	4650	U	1840	U
PCB-67	73575-53-8	ppt-TOC	584	U	4590		1630		1490	U	2490	U	22800		77900		97500		58200	
PCB-68	73575-52-7	ppt-TOC	584	U	894		1580	U	1490	U	2490	U	5790		14900		6440		20600	
PCB-7/9	PCB-7/9	ppt-TOC	1160	U	3250		3150	U	2980	U	4970	U	17000		88900		132000		44000	
PCB-73	74338-23-1	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	4650	U	1840	U
PCB-74	32690-93-0	ppt-TOC	584	U	61500		21000		1750		2490	U	302000		1150000		1550000		800000	
PCB-76/66	PCB-76/66	ppt-TOC	1010		130000		44400		3920		2490	U	647000		2170000		2830000		1590000	
PCB-77	32598-13-3	ppt-TOC	584	U	18000		5770		1490	U	2490	U	140000		341000		449000		226000	
PCB-78	70362-49-1	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	1600		6170	U	5930		4030	
PCB-79	41464-48-6	ppt-TOC	584	U	1850		1580	U	1490	U	2490	U	7260	U	21300		26900		15000	
PCB-80	33284-52-5	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	4650	U	1840	U
PCB-81	70362-50-4	ppt-TOC	584	U	791		1580	U	1490	U	2490	U	3140		12000		11400		7140	
PCB-82	52663-62-4	ppt-TOC	584	U	19000		5210		1490	U	2490	U	83700		328000		424000		215000	
PCB-83	60145-20-2	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	4650	U	1680	
PCB-84/92	52663-60-2/5266	ppt-TOC	1310		66300		19400		1830		2490	U	277000		1070000		1400000		677000	
PCB-85/116	PCB-85/116	ppt-TOC	584	U	28200		8500		1490	U	2490	U	122000		459000		596000		295000	
PCB-86	55312-69-1	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	4570		20600		31500		10300	
PCB-87/117/125	38380-02-8/6819	ppt-TOC	1000		53900		14500		1490	U	2490	U	229000		934000		1230000		582000	
PCB-88/91	PCB-88/91	ppt-TOC	584	U	30500		9750		1490	U	2490	U	133000		442000		544000		300000	
PCB-89	73575-57-2	ppt-TOC	584	U	2470		1580	U	1490	U	2490	U	9320		39700		54800		26200	
PCB-90/101	PCB-90/101	ppt-TOC	2220		161000		46200		3850		2490	U	684000		2580000		3290000		1630000	
PCB-93	73575-56-1	ppt-TOC	584	U	600	U	1580	U	1490	U	2490	U	2320	U	6170	U	4650	U	1840	U
PCB-94	73575-55-0	ppt-TOC	584	U	1860		1580	U	1490	U	2490	U	8000		18600		18500		13800	
PCB-95/98/102	38379-99-6/6023	ppt-TOC	2400		124000		36200		3120		2490	U	505000		2070000		2570000		1280000	
PCB-96	73575-54-9	ppt-TOC	584	U	1090		1580	U	1490	U	2490	U	4440		28900		22500		12400	
PCB-97	41464-51-1	ppt-TOC	692		51200		14800		1490	U	2490	U	218000		838000		1100000		536000	
PCB-99	38380-01-7	ppt-TOC	729		85000		26200		2080		2490	U	374000		1190000		1510000		805000	
Total PCB Congeners (209)	No CAS	ppt-TOC	33100		4210000		1330000		82700		20000		20700000		75400000		93200000		49500000	
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	27900		3190000		996000		74400		28500		15300000		56100000		72300000		36700000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED057		NB01SED057		NB01SED057		NB01SED057				
		Sample Name	NB01SED056B-02		NB01SED056B-03		NB01SED056B-04		NB01SED056B-05		NB01SED056B-06		NB01SED057B-01		NB01SED057B-02		NB01SED057B-03		NB01SED057B-04				
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005				
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-1	2051-60-7	ppt-TOC	155000		251000		219000		70700		165000		41000		185000		123000		120000				
PCB-100	39485-83-1	ppt-TOC	37100		42600		25900		7280		9680		17700		82200		21600		13900				
PCB-103	60145-21-3	ppt-TOC	59300		81900		49000		13700		21100		13700		109000		45300		31100				
PCB-104	56558-16-8	ppt-TOC	1020		1080		1340	U	1350	U	642	U	1330		5680		639		284				
PCB-105	32598-14-4	ppt-TOC	1410000		2230000		2290000		628000		1020000		276000		3530000		1400000		1220000				
PCB-106/118	PCB-106/118	ppt-TOC	3650000		6070000		5170000		1440000		2320000		725000		8040000		3530000		3080000				
PCB-107/109	70424-68-9/7447	ppt-TOC	273000		433000		370000		103000		154000		60800		650000		268000		217000				
PCB-108/112	70362-41-3/7447	ppt-TOC	242000		411000		357000		93800		156000		45400		481000		238000		204000				
PCB-11	2050-67-1	ppt-TOC	2240000		3080000		3370000		624000		1240000		220000		3720000		1590000		1640000				
PCB-110	38380-03-9	ppt-TOC	5010000		8040000		7200000		1970000		3310000		938000		10400000		4870000		4340000				
PCB-111/115	PCB-111/115	ppt-TOC	90000		158000		152000		42400		73200		18500		243000		97900		87600				
PCB-113	68194-10-5	ppt-TOC	7290		17600		8970		2760		3210		2950		35100		13100		10200				
PCB-114	74472-37-0	ppt-TOC	94300		149000		162000		40300		74400		16700		221000		92400		84500				
PCB-119	56558-17-9	ppt-TOC	114000		177000		120000		34400		54700		27300		217000		105000		75500				
PCB-12/13	PCB-12/13	ppt-TOC	446000		615000		363000		56200		88100		87900		1150000		516000		228000				
PCB-120	68194-12-7	ppt-TOC	9140		10200		4430		1850		2660		2620		19600		6820		3950				
PCB-121	56558-18-0	ppt-TOC	2990	U	1560	U	1340	U	1350	U	642	U	1730	U	5790	U	1140	U	1060	U			
PCB-122	76842-07-4	ppt-TOC	57600		97400		90300		23600		37100		11000		135000		60300		46100				
PCB-123	65510-44-3	ppt-TOC	70600		118000		101000		28000		42600		16400		189000		80000		61100				
PCB-124	70424-70-3	ppt-TOC	161000		241000		228000		65500		105000		28700		358000		155000		128000				
PCB-126	57465-28-8	ppt-TOC	20300		29100		25200		6620		10900		5330		48800		18300		15100				
PCB-127	39635-33-1	ppt-TOC	2990	U	1560	U	1340	U	1350	U	642	U	1730	U	5790	U	1140	U	1060	U			
PCB-128/162	PCB-128/162	ppt-TOC	449000		674000		633000		175000		294000		109000		1110000		455000		392000				
PCB-129	55215-18-4	ppt-TOC	131000		174000		192000		49700		87700		28200		306000		131000		114000				
PCB-130	52663-66-8	ppt-TOC	211000		296000		265000		74500		120000		47900		506000		201000		161000				
PCB-131	61798-70-7	ppt-TOC	2990	U	2420		1340	U	1350	U	642	U	1730	U	5790	U	1180		989				
PCB-132/161	38380-05-1/7447	ppt-TOC	929000		1300000		1160000		338000		566000		191000		2100000		889000		724000				
PCB-133/142	PCB-133/142	ppt-TOC	99300		139000		112000		30600		55500		22000		219000		93700		71100				
PCB-134/143	PCB-134/143	ppt-TOC	183000		269000		228000		63800		108000		37800		389000		178000		140000				
PCB-135	52744-13-5	ppt-TOC	491000		648000		540000		162000		284000		100000		1010000		405000		311000				
PCB-136	38411-22-2	ppt-TOC	521000		707000		557000		177000		310000		96700		1050000		442000		334000				
PCB-137	35694-06-5	ppt-TOC	141000		212000		200000		52800		95600		30900		307000		145000		126000				
PCB-138/163/164	35065-28-2/7447	ppt-TOC	3300000		4480000		3970000		1170000		1950000		754000		7540000		3030000		2320000				
PCB-139/149	PCB-139/149	ppt-TOC	3140000		4190000		3290000		1070000		1820000		629000		6530000		2610000		1930000				
PCB-14	34883-41-5	ppt-TOC	5990	U	3130	U	2670	U	2690	U	2130		3450	U	11600	U	2280	U	2110	U			
PCB-140	59291-64-4	ppt-TOC	19700		28300		20400		6070		9680		5580		48200		18600		13400				
PCB-141	52712-04-6	ppt-TOC	611000		770000		750000		229000		419000		118000		1360000		529000		424000				
PCB-144	68194-14-9	ppt-TOC	174000		255000		199000		64500		116000		35100		396000		162000		123000				
PCB-145	74472-40-5	ppt-TOC	1490		2510		1980		628		927		1730	U	5790	U	1740		1150				
PCB-146/165	51908-16-8/7447	ppt-TOC	480000		633000		510000		150000		263000		112000		1070000		424000		311000				
PCB-147	68194-13-8	ppt-TOC	101000		134000		99300		28900		45000		28400		200000		80000		60000				
PCB-148	74472-41-6	ppt-TOC	6790		6890		4900		1400		2450		2280		10600		4130		3390				
PCB-15	2050-68-2	ppt-TOC	2290000		3270000		2830000		410000		632000		613000		5500000		2020000		1610000				
PCB-150	68194-08-1	ppt-TOC	13900		17000		10000		2750		4130		3440		19700		7630		4370				
PCB-151	52663-63-5	ppt-TOC	871000		1090000		847000		292000		515000		173000		1790000		676000		482000				
PCB-152	68194-09-2	ppt-TOC	3600		5370		4270		1230		2060		1440		9960		2970		2680				
PCB-153	35065-27-1	ppt-TOC	3290000		4300000		3370000		1070000		1890000		746000		7220000		2760000		2090000				
PCB-154	60145-22-4	ppt-TOC	82100		88900		52300		15100		23900		20300		112000		42100		27100				
PCB-155	33979-03-2	ppt-TOC	7090		5630		1790		828		729		7040		118000		1410	U	850				
PCB-156	38380-08-4	ppt-TOC	290000		415000		380000		109000		192000		65800		729000		282000		238000				
PCB-157	69782-90-7	ppt-TOC	57900		85600		75700		24100		40000		16200		169000		65800		55500				
PCB-158/160	74472-42-7/4141	ppt-TOC	366000		519000		463000		132000		223000		79600		893000		358000		284000				
PCB-159	39635-35-3	ppt-TOC	29100		37400		27500		11300		20800		8880		73800		25200		16800				
PCB-16/32	PCB-16/32	ppt-TOC	3350000		6220000		6200000		1060000		1650000		266000		5360000		3290000		2740000				
PCB-166	41411-63-6	ppt-TOC	12000		17200		16500		4690		7920		3310		30800		12700		11000				
PCB-167	52663-72-6	ppt-TOC	119000		166000		147000		42400		70200		29700		294000		118000		93200				
PCB-168	59291-65-5	ppt-TOC	4730		5960		5370		1570		1570		2080		16300		6340		4680				
PCB-169	32774-16-6	ppt-TOC	2990	U	1560	U	1340	U	1350	U	642	U	1730	U	5790	U	1140	U	1060	U			
PCB-17	37680-66-3	ppt-TOC	2440000		4480000		3930000		676000		1030000		173000		3760000		2430000		1860000				
PCB-170	35065-30-6	ppt-TOC	786000		989000		833000		286000		518000		180000		1820000		603000		429000				
PCB-171	52663-71-5	ppt-TOC	234000		290000		240000		83100		150000		50800		511000		178000		133000				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED057		NB01SED057		NB01SED057		NB01SED057					
		Sample Name	NB01SED056B-02		NB01SED056B-03		NB01SED056B-04		NB01SED056B-05		NB01SED056B-06		NB01SED057B-01		NB01SED057B-02		NB01SED057B-03		NB01SED057B-04					
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005					
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-172	52663-74-8	ppt-TOC	141000		172000		137000		50000		96600		31200		299000		103000		76800					
PCB-173	68194-16-1	ppt-TOC	19100		24400		21000		7280		12500		4750		36400		14400		12200					
PCB-174	38411-25-5	ppt-TOC	914000		1050000		877000		329000		635000		175000		1710000		595000		442000					
PCB-175	40186-70-7	ppt-TOC	44600		57400		41300		15300		29000		10800		103000		35000		25100					
PCB-176	52663-65-7	ppt-TOC	139000		179000		127000		45200		92300		28000		292000		102000		74500					
PCB-177	52663-70-4	ppt-TOC	555000		678000		533000		194000		358000		128000		1210000		403000		284000					
PCB-178	52663-67-9	ppt-TOC	210000		265000		188000		69000		144000		48800		460000		152000		106000					
PCB-179	52663-64-6	ppt-TOC	506000		637000		457000		169000		340000		108000		1060000		366000		256000					
PCB-18	37680-65-2	ppt-TOC	5440000		10900000		10800000		1880000		3000000		344000		7940000		5530000		4630000					
PCB-180	35065-29-3	ppt-TOC	2140000		2540000		2050000		786000		1470000		488000		4500000		1510000		1100000					
PCB-181	74472-47-2	ppt-TOC	6920		9330		7770		2470		3920		2890		18600		5160		5710					
PCB-182/187	PCB-182/187	ppt-TOC	1440000		1800000		1280000		472000		981000		334000		3060000		992000		705000					
PCB-183	52663-69-1	ppt-TOC	606000		774000		573000		212000		429000		133000		1340000		455000		324000					
PCB-184	74472-48-3	ppt-TOC	3510		4110		1340	U	459		1060		1650		12100		1770		758					
PCB-185	52712-05-7	ppt-TOC	107000		129000		105000		39700		77400		21200		203000		72100		56600					
PCB-186	74472-49-4	ppt-TOC	2990	U	1560	U	1340	U	1350	U	642	U	1730	U	5790	U	1140	U	1060	U				
PCB-188	74487-85-7	ppt-TOC	4300		6590		2830		776		2810		1300		5630		2100		1720					
PCB-189	39635-31-9	ppt-TOC	27500		36800		29600		10600		18200		7830		71400		23100		17100					
PCB-19	38444-73-4	ppt-TOC	446000		819000		860000		132000		239000		33200		683000		455000		313000					
PCB-190	41411-64-7	ppt-TOC	166000		201000		171000		61000		110000		38800		375000		126000		90000					
PCB-191	74472-50-7	ppt-TOC	32700		40400		30100		11400		20000		8170		81700		26300		18800					
PCB-192	74472-51-8	ppt-TOC	2990	U	1560	U	1340	U	1350	U	642	U	1730	U	5790	U	1140	U	1060	U				
PCB-193	69782-91-8	ppt-TOC	103000		119000		92700		34200		65800		25100		225000		74200		51300					
PCB-194	35694-08-7	ppt-TOC	556000		722000		517000		222000		435000		132000		1140000		376000		258000					
PCB-195	52663-78-2	ppt-TOC	220000		291000		212000		86200		179000		46300		440000		155000		106000					
PCB-196/203	PCB-196/203	ppt-TOC	681000		837000		617000		308000		671000		173000		1460000		461000		318000					
PCB-197	33091-17-7	ppt-TOC	22100		30200		18600		7790		17400		5420		49700		14800		10600					
PCB-198	68194-17-2	ppt-TOC	33700		38100		28400		16900		37400		8920		66700		20300		15400					
PCB-199	52663-75-9	ppt-TOC	629000		800000		600000		309000		719000		164000		1330000		426000		292000					
PCB-2	2051-61-8	ppt-TOC	59900		67000		83300		12600		31900		16800		147000		36800		58400					
PCB-20/21/33	38444-84-7/5570	ppt-TOC	3050000		6040000		6500000		1210000		1730000		228000		4250000		2870000		2580000					
PCB-200	52663-73-7	ppt-TOC	72100		91500		67300		27200		53700		15800		126000		45800		31800					
PCB-201	40186-71-8	ppt-TOC	88600		118000		82000		37900		80800		22800		200000		62400		41600					
PCB-202	2136-99-4	ppt-TOC	166000		226000		163000		107000		316000		49200		400000		121000		84200					
PCB-204	74472-52-9	ppt-TOC	2990	U	1520		1340	U	1350	U	697		1730	U	5790	U	476		1060	U				
PCB-205	74472-53-0	ppt-TOC	25600		30600		22000		10400		22100		6380		51100		15700		11500					
PCB-206	40186-72-9	ppt-TOC	367000		496000		400000		337000		1020000		135000		896000		292000		207000					
PCB-207	52663-79-3	ppt-TOC	37100		60000		36700		25500		53500		13200		87400		30000		20100					
PCB-208	52663-77-1	ppt-TOC	113000		151000		122000		122000		368000		45400		313000		87900		71600					
PCB-209	2051-24-3	ppt-TOC	376000		541000		487000		311000		697000		117000		785000		255000		247000					
PCB-22	38444-85-8	ppt-TOC	2220000		4040000		3900000		790000		1020000		221000		3960000		2180000		1760000					
PCB-23	55720-44-0	ppt-TOC	7210		9740		10800		1930		2650		1730	U	8350		3370		4740					
PCB-24/27	PCB-24/27	ppt-TOC	453000		759000		683000		107000		169000		47100		807000		432000		313000					
PCB-25	55712-37-3	ppt-TOC	691000		1120000		917000		168000		205000		118000		1440000		671000		418000					
PCB-26	38444-81-4	ppt-TOC	1180000		1920000		1710000		331000		435000		163000		2150000		1070000		708000					
PCB-28	7012-37-5	ppt-TOC	7500000		12600000		11200000		2160000		3030000		1100000		14700000		6890000		4820000					
PCB-29	15862-07-4	ppt-TOC	32400		53000		56300		10500		11500		2170		37600		24000		21700					
PCB-3	2051-62-9	ppt-TOC	162000		267000		179000		54100		124000		36300		285000		134000		91800					
PCB-30	35693-92-6	ppt-TOC	3910		8370		5430		1350	U	1260		1730	U	7000		3950		2230					
PCB-31	16606-02-3	ppt-TOC	5710000		11000000		9300000		2140000		2850000		642000		10900000		5920000		4260000					
PCB-34	37680-68-5	ppt-TOC	44400		74800		47000		9590		13500		3910		60600		40000		24700					
PCB-35	37680-69-6	ppt-TOC	216000		385000		397000		75500		93700		33400		375000		181000		166000					
PCB-36	38444-87-0	ppt-TOC	3320		4260		2840		1350	U	1170		1390		8250		2360		1690					
PCB-37	38444-90-5	ppt-TOC	1910000		3170000		2960000		486000		781000		369000		3640000		1510000		1210000					
PCB-38	53555-66-1	ppt-TOC	29500		43000		34300		10100		17300		5500		61400		30000		22800					
PCB-39	38444-88-1	ppt-TOC	12600		19600		8570		2340		3530		3050		23300		9920		6180					
PCB-4/10	PCB-4/10	ppt-TOC	1010000		1570000		1510000		237000		360000		82500		1460000		955000		637000					
PCB-40	38444-93-8	ppt-TOC	566000		941000		1590000		183000		477000		119000		1220000		597000		474000					
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	3980000				6600000				2290000		654000				3790000		3050000					
PCB-42/59	36559-22-5/7447	ppt-TOC	1990000		3340000		2900000		617000		940000		301000		4460000		2010000		1520000					
PCB-43/49	PCB-43/49	ppt-TOC	4650000		8070000		6600000		1490000		2440000		746000		10600000		4760000		3470000					

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED057		NB01SED057		NB01SED057		NB01SED057					
		Sample Name	NB01SED056B-02		NB01SED056B-03		NB01SED056B-04		NB01SED056B-05		NB01SED056B-06		NB01SED057B-01		NB01SED057B-02		NB01SED057B-03		NB01SED057B-04					
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005					
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-44	41464-39-5	ppt-TOC	5620000		9810000		9030000		2030000		3130000		738000		11900000		5790000		4630000					
PCB-45	70362-45-7	ppt-TOC	921000		1660000		1510000		322000		511000		97100		1750000		955000		721000					
PCB-46	41464-47-5	ppt-TOC	371000		663000		637000		131000		218000		40700		697000		387000		305000					
PCB-47	2437-79-8	ppt-TOC	1740000		2790000		2380000		514000		894000		369000		4420000		1730000		1170000					
PCB-48/75	70362-47-9/3259	ppt-TOC	1260000		2400000		1960000		431000		648000		152000		2530000		1330000		1010000					
PCB-5/8	PCB-5/8	ppt-TOC	2040000		3960000		4830000		745000		1230000		237000		3100000		1870000		1700000					
PCB-50	62796-65-0	ppt-TOC	18100		33000		25000		5140		7940		2020		32500		18300		11600					
PCB-51	68194-04-7	ppt-TOC	276000		474000		420000		90000		142000		62900		629000		287000		213000					
PCB-52/69	35693-99-3/6023	ppt-TOC	6190000		10700000		9370000		2220000		3710000		867000		13400000		6580000		5030000					
PCB-53	41464-41-9	ppt-TOC	879000		1540000		1410000		302000		492000		114000		1760000		884000		703000					
PCB-54	15968-05-5	ppt-TOC	12600		21300		19500		3860		6310		3980		28500		12000		9240					
PCB-55	74338-24-2	ppt-TOC	55900		93300		119000		21400		33200		10800		150000		64500		55000					
PCB-56/60	PCB-56/60	ppt-TOC	2840000		5260000		5230000		1110000		1870000		483000		6530000		3160000		2550000					
PCB-57	70424-67-8	ppt-TOC	25700		40700		36700		6590		11400		4830		70800		27600		19400					
PCB-58	41464-49-7	ppt-TOC	13000		20900		14400		2760		4850		3050		33500		13600		9370					
PCB-6	25569-80-6	ppt-TOC	372000		733000		823000		129000		206000		64200		628000		366000		284000					
PCB-61/70	PCB-61/70	ppt-TOC	5290000		9670000		8670000		1910000		3260000		788000		11300000		5870000		4680000					
PCB-62	54230-22-7	ppt-TOC	2990	U	1560	U	2630		1350	U	642	U	1730	U	5790	U	1140	U	1060	U				
PCB-63	74472-34-7	ppt-TOC	181000		308000		285000		57200		98900		30000		436000		189000		146000					
PCB-65	33284-54-7	ppt-TOC	2990	U	1560	U	5670		1350	U	642	U	1730	U	5790	U	1140	U	1060	U				
PCB-67	73575-53-8	ppt-TOC	161000		297000		264000		49000		77700		29300		369000		179000		136000					
PCB-68	73575-52-7	ppt-TOC	17100		22100		13000		3270		4840		5830		42100		16600		10300					
PCB-7/9	PCB-7/9	ppt-TOC	221000		393000		403000		58600		96800		15500		282000		191000		136000					
PCB-73	74338-23-1	ppt-TOC	2990	U	1560	U	1340	U	1350	U	642	U	1730	U	5790	U	1140	U	1060	U				
PCB-74	32690-93-0	ppt-TOC	2270000		4300000		3830000		821000		1420000		384000		4940000		2480000		1980000					
PCB-76/66	PCB-76/66	ppt-TOC	4460000		8220000		6970000		1510000		2560000		829000		9670000		4870000		3680000					
PCB-77	32598-13-3	ppt-TOC	597000		1100000		1140000		222000		285000		123000		1190000		550000		511000					
PCB-78	70362-49-1	ppt-TOC	10200		16900		13100		3790		7160		1730	U	5790	U	1140	U	1060	U				
PCB-79	41464-48-6	ppt-TOC	37400		56300		44000		15000		24400		8250	U	83600		38400		29700					
PCB-80	33284-52-5	ppt-TOC	2990	U	1560	U	1340	U	1350	U	642	U	1730	U	5790	U	1140	U	1060	U				
PCB-81	70362-50-4	ppt-TOC	22100		20400		23100		4620		8790		3310		43200		15100		13500					
PCB-82	52663-62-4	ppt-TOC	561000		944000		983000		253000		394000		107000		1260000		553000		492000					
PCB-83	60145-20-2	ppt-TOC	3940		6890		6800		1670		2370		1730	U	11900		4760		3420					
PCB-84/92	52663-60-2/5266	ppt-TOC	2010000		3320000		2960000		786000		1350000		341000		3960000		2010000		1760000					
PCB-85/116	PCB-85/116	ppt-TOC	821000		1340000		1330000		336000		569000		154000		1760000		808000		711000					
PCB-86	55312-69-1	ppt-TOC	40900		47000		79000		15200		32100		6880		86100		33700		32600					
PCB-87/117/125	38380-02-8/6819	ppt-TOC	1640000		2690000		2880000		734000		1290000		295000		3470000		1630000		1570000					
PCB-88/91	PCB-88/91	ppt-TOC	850000		1380000		1110000		297000		468000		157000		1720000		853000		650000					
PCB-89	73575-57-2	ppt-TOC	75000		135000		139000		33000		57900		13500		163000		82100		70800					
PCB-90/101	PCB-90/101	ppt-TOC	4810000		7520000		6500000		1830000		3060000		858000		9490000		4630000		4050000					
PCB-93	73575-56-1	ppt-TOC	2990	U	1560	U	1340	U	1350	U	642	U	1730	U	5790	U	1140	U	1060	U				
PCB-94	73575-55-0	ppt-TOC	34500		51900		44700		10400		18200		8630		81000		31800		24300					
PCB-95/98/102	38379-99-6/6023	ppt-TOC	3840000		6040000		5300000		1440000		2420000		621000		7610000		3820000		3180000					
PCB-96	73575-54-9	ppt-TOC	35800		60000		56000		12000		23900		5710		67200		34700		26300					
PCB-97	41464-51-1	ppt-TOC	1530000		2610000		2320000		614000		1030000		267000		3150000		1520000		1350000					
PCB-99	38380-01-7	ppt-TOC	2280000		3650000		2970000		828000		1400000		450000		4610000		2170000		1790000					
Total PCB Congeners (209)	No CAS	ppt-TOC	146000000		234000000		218000000		49700000		85300000		23900000		288000000		139000000		111000000					
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	108000000		179000000		161000000		38600000		64700000		18000000		221000000		103000000		81800000					

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED058		NB01SED058		NB01SED058		NB01SED058		NB01SED059		NB01SED059		NB01SED059		NB01SED059		NB01SED060	
		Sample Name	NB01SED058B-01		NB01SED058B-02		NB01SED058B-03		NB01SED058B-04		NB01SED059A-01		NB01SED059A-02		NB01SED059A-03		NB01SED059A-04		NB01SED060B-01	
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005		12/8/2005		11/21/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	50400		88100		15700		393	U	29600		3030		458	U	465	U	35300	
PCB-100	39485-83-1	ppt-TOC	16000		8160		3120		393	U	11100		1770		458	U	465	U	15500	
PCB-103	60145-21-3	ppt-TOC	18000		17400		6520		393	U	10200		1620		458	U	465	U	12400	
PCB-104	56558-16-8	ppt-TOC	1270		4540	U	1980	U	393	U	884		567	U	458	U	465	U	1380	
PCB-105	32598-14-4	ppt-TOC	561000		1050000		439000		3770		185000		26100		1130		763		205000	
PCB-106/118	PCB-106/118	ppt-TOC	1360000		2310000		1030000		8850		484000		71300		3020		1810		512000	
PCB-107/109	70424-68-9/7447	ppt-TOC	101000		163000		70000		660		39800		5670		458	U	465	U	41500	
PCB-108/112	70362-41-3/7447	ppt-TOC	80700		144000		57000		505		29500		4560		458	U	465	U	28800	
PCB-11	2050-67-1	ppt-TOC	421000		1170000		213000		4070		138000		22100		916	U	932	U	122000	
PCB-110	38380-03-9	ppt-TOC	1670000		3030000		1290000		12500		632000		96000		3940		2230		623000	
PCB-111/115	PCB-111/115	ppt-TOC	32700		69500		23200		393	U	11200		1570		458	U	465	U	9460	
PCB-113	68194-10-5	ppt-TOC	7610	U	4540	U	1980	U	393	U	4470		567	U	458	U	465	U	1510	U
PCB-114	74472-37-0	ppt-TOC	34700		71400		26700		252		9650		1470		458	U	465	U	12500	
PCB-119	56558-17-9	ppt-TOC	38200		47300		18800		393	U	18400		2810		458	U	465	U	20400	
PCB-12/13	PCB-12/13	ppt-TOC	170000		105000		24900		785	U	61200		8670		916	U	932	U	61500	
PCB-120	68194-12-7	ppt-TOC	1720		1480		1300		393	U	1650		567	U	458	U	465	U	904	
PCB-121	56558-18-0	ppt-TOC	7610	U	4540	U	1980	U	393	U	1470	U	567	U	458	U	465	U	1510	U
PCB-122	76842-07-4	ppt-TOC	22000		38400		15900		393	U	6530		987		458	U	465	U	7770	
PCB-123	65510-44-3	ppt-TOC	27800		38600		16300		206		10800		1670		458	U	465	U	10100	
PCB-124	70424-70-3	ppt-TOC	59300		112000		48700		402		19000		2930		458	U	465	U	21200	
PCB-126	57465-28-8	ppt-TOC	7570		11800		5090		60.5		2870		567	U	458	U	465	U	3430	
PCB-127	39635-33-1	ppt-TOC	7610	U	4540	U	1980	U	393	U	1470	U	567	U	458	U	465	U	1510	U
PCB-128/162	PCB-128/162	ppt-TOC	188000		324000		158000		1270		64800		9870		465		465	U	84200	
PCB-129	55215-18-4	ppt-TOC	55000		99500		48300		393	U	16100		2730		458	U	465	U	19200	
PCB-130	52663-66-8	ppt-TOC	81800		131000		57000		515		27300		4320		458	U	465	U	34500	
PCB-131	61798-70-7	ppt-TOC	521		4540	U	1980	U	393	U	1470	U	567	U	458	U	465	U	600	
PCB-132/161	38380-05-1/7447	ppt-TOC	375000		605000		283000		2490		114000		17000		737		465	U	141000	
PCB-133/142	PCB-133/142	ppt-TOC	38200		56500		26000		393	U	12900		1900		458	U	465	U	16000	
PCB-134/143	PCB-134/143	ppt-TOC	69300		111000		52600		435		22400		3480		458	U	465	U	27500	
PCB-135	52744-13-5	ppt-TOC	170000		254000		114000		1090		62400		10100		458	U	465	U	68500	
PCB-136	38411-22-2	ppt-TOC	169000		261000		118000		1190		63500		10300		458	U	465	U	70800	
PCB-137	35694-06-5	ppt-TOC	57500		102000		54300		398		18800		3070		458	U	465	U	21400	
PCB-138/163/164	35065-28-2/7447	ppt-TOC	1400000		2030000		983000		8600		457000		72000		2770		1590		542000	
PCB-139/149	PCB-139/149	ppt-TOC	1070000		1560000		717000		7600		411000		64700		2690		1580		435000	
PCB-14	34883-41-5	ppt-TOC	15300	U	9110	U	3970	U	785	U	2930	U	1130	U	916	U	932	U	3020	U
PCB-140	59291-64-4	ppt-TOC	5820		1940		1440		393	U	3350		583		458	U	465	U	2900	
PCB-141	52712-04-6	ppt-TOC	273000		408000		189000		1700		72600		11200		458	U	465	U	86900	
PCB-144	68194-14-9	ppt-TOC	59300		98100		41800		474		22200		3130		458	U	465	U	20600	
PCB-145	74472-40-5	ppt-TOC	454		719		1980	U	393	U	1470	U	567	U	458	U	465	U	1510	U
PCB-146/165	51908-16-8/7447	ppt-TOC	198000		257000		121000		1100		69400		10400		458	U	465	U	87700	
PCB-147	68194-13-8	ppt-TOC	30100		34100		18600		393	U	18500		2980		458	U	465	U	23200	
PCB-148	74472-41-6	ppt-TOC	1900		1410		957		393	U	1440		567	U	458	U	465	U	1860	
PCB-15	2050-68-2	ppt-TOC	1860000		1030000		148000		3770		421000		57500		2470		1530		392000	
PCB-150	68194-08-1	ppt-TOC	3790		2760		1940		393	U	2920		567	U	458	U	465	U	4650	
PCB-151	52663-63-5	ppt-TOC	304000		427000		197000		1800		110000		17700		700		465	U	120000	
PCB-152	68194-09-2	ppt-TOC	1330		1880		917		393	U	846		567	U	458	U	465	U	1040	
PCB-153	35065-27-1	ppt-TOC	1420000		1860000		900000		7900		459000		68700		2810		1700		596000	
PCB-154	60145-22-4	ppt-TOC	19300		14300		8170		393	U	15400		2220		458	U	465	U	23100	
PCB-155	33979-03-2	ppt-TOC	13200		689		1980	U	393	U	4430		780		458	U	465	U	4420	
PCB-156	38380-08-4	ppt-TOC	125000		214000		99600		815		38500		5810		458	U	465	U	48800	
PCB-157	69782-90-7	ppt-TOC	24800		43800		21400		187		9360		1410		458	U	465	U	10400	
PCB-158/160	74472-42-7/4141	ppt-TOC	149000		226000		112000		965		49500		7670		458	U	465	U	55800	
PCB-159	39635-35-3	ppt-TOC	14200		15600		9480		393	U	5610		807		458	U	465	U	7230	
PCB-16/32	PCB-16/32	ppt-TOC	1220000		2460000		406000		7400		183000		28400		1200		926		207000	
PCB-166	41411-63-6	ppt-TOC	4070		7860		3970		393	U	1770		567	U	458	U	465	U	2660	
PCB-167	52663-72-6	ppt-TOC	52900		81900		36800		340		17300		2690		458	U	465	U	23000	
PCB-168	59291-65-5	ppt-TOC	1940		1870		983		393	U	1470		567	U	458	U	465	U	1280	
PCB-169	32774-16-6	ppt-TOC	7610	U	4540	U	1980	U	71.5		1470	U	567	U	458	U	465	U	1510	U
PCB-17	37680-66-3	ppt-TOC	743000		1490000		241000		4410		123000		19500		768		558		142000	
PCB-170	35065-30-6	ppt-TOC	357000		454000		206000		1860		108000		16300		700		465	U	128000	
PCB-171	52663-71-5	ppt-TOC	100000		131000		57800		550		31900		5090		458	U	465	U	37600	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED058		NB01SED058		NB01SED058		NB01SED058		NB01SED059		NB01SED059		NB01SED059		NB01SED059		NB01SED060	
		Sample Name	NB01SED058B-01		NB01SED058B-02		NB01SED058B-03		NB01SED058B-04		NB01SED059A-01		NB01SED059A-02		NB01SED059A-03		NB01SED059A-04		NB01SED060B-01	
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005		12/8/2005		11/21/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC	61800		78100		34500		393	U	19600		2860		458	U	465	U	22600	
PCB-173	68194-16-1	ppt-TOC	7570		11000		4350		393	U	2500		567	U	458	U	465	U	3120	
PCB-174	38411-25-5	ppt-TOC	396000		524000		231000		2120		112000		18100		689		465	U	140000	
PCB-175	40186-70-7	ppt-TOC	20600		22500		11400		393	U	6510		1010		458	U	465	U	6850	
PCB-176	52663-65-7	ppt-TOC	53600		67300		32000		393	U	17400		2630		458	U	465	U	19300	
PCB-177	52663-70-4	ppt-TOC	250000		308000		139000		1290		78400		12300		477		465	U	98500	
PCB-178	52663-67-9	ppt-TOC	89300		105000		49600		465		30600		4830		458	U	465	U	37000	
PCB-179	52663-64-6	ppt-TOC	193000		235000		117000		1090		67200		10400		461		465	U	78800	
PCB-18	37680-65-2	ppt-TOC	1700000		4140000		717000		11800		237000		36700		1540		1340		276000	
PCB-180	35065-29-3	ppt-TOC	939000		1210000		557000		5000		293000		44800		1840		1060		345000	
PCB-181	74472-47-2	ppt-TOC	2860		8240		2300		393	U	1330		567	U	458	U	465	U	1570	
PCB-182/187	PCB-182/187	ppt-TOC	579000		684000		343000		3060		204000		30700		1330		758		239000	
PCB-183	52663-69-1	ppt-TOC	255000		311000		149000		1430		81700		12800		513		465	U	88800	
PCB-184	74472-48-3	ppt-TOC	1730		541		1980	U	393	U	939		567	U	458	U	465	U	1270	
PCB-185	52712-05-7	ppt-TOC	41800		58400		26300		393	U	12500		1870		458	U	465	U	15700	
PCB-186	74472-49-4	ppt-TOC	7610	U	4540	U	1980	U	393	U	1470	U	567	U	458	U	465	U	1510	U
PCB-188	74487-85-7	ppt-TOC	1300		603		735		393	U	872		567	U	458	U	465	U	1550	
PCB-189	39635-31-9	ppt-TOC	12600		15900		7350		393	U	4310		700		458	U	465	U	5080	
PCB-19	38444-73-4	ppt-TOC	183000		330000		45200		985		23100		3700		458	U	465	U	24700	
PCB-190	41411-64-7	ppt-TOC	68200		84900		39100		393	U	23500		3620		458	U	465	U	26500	
PCB-191	74472-50-7	ppt-TOC	12900		18000		7350		393	U	4860		840		458	U	465	U	5000	
PCB-192	74472-51-8	ppt-TOC	7610	U	4540	U	1980	U	393	U	1470	U	567	U	458	U	465	U	412	
PCB-193	69782-91-8	ppt-TOC	41100		50000		22400		393	U	15700		2460		458	U	465	U	17500	
PCB-194	35694-08-7	ppt-TOC	218000		269000		146000		1230		77600		11200		522		465	U	86900	
PCB-195	52663-78-2	ppt-TOC	80400		107000		53000		423		28100		3900		458	U	465	U	33900	
PCB-196/203	PCB-196/203	ppt-TOC	268000		322000		190000		1640		99700		14800		668	U	465	U	107000	
PCB-197	33091-17-7	ppt-TOC	8180		9920		5570		393	U	3310		567	U	458	U	465	U	3720	
PCB-198	68194-17-2	ppt-TOC	14800		22400		9650		393	U	5030		587		458	U	465	U	6650	
PCB-199	52663-75-9	ppt-TOC	271000		316000		195000		1680		97900		14700		637		479		105000	
PCB-2	2051-61-8	ppt-TOC	19600		21600		5740		1150		11300		2750		1030		1020		8810	
PCB-20/21/33	38444-84-7/5570	ppt-TOC	1100000		3140000		452000		7850		172000		25300		1160		1080		159000	
PCB-200	52663-73-7	ppt-TOC	26000		35400		17900		393	U	8880		1390		458	U	465	U	10200	
PCB-201	40186-71-8	ppt-TOC	33400		41900		26000		393	U	14100		2090		458	U	465	U	15000	
PCB-202	2136-99-4	ppt-TOC	71800		77800		63900		525		31900		4630		458	U	465	U	36300	
PCB-204	74472-52-9	ppt-TOC	7610	U	4540	U	1980	U	393	U	1470	U	567	U	458	U	465	U	523	
PCB-205	74472-53-0	ppt-TOC	8210		10600		5390		393	U	3630		567	U	458	U	465	U	4000	
PCB-206	40186-72-9	ppt-TOC	177000		196000		200000		1450		86200		10600		524		465	U	91200	
PCB-207	52663-79-3	ppt-TOC	16400		18200		17400		393	U	8080		993		458	U	465	U	9810	
PCB-208	52663-77-1	ppt-TOC	52900		53200		68300		499		28800		3670		458	U	465	U	31400	
PCB-209	2051-24-3	ppt-TOC	119000		158000		244000		1450		74600		10700		484		465	U	88500	
PCB-22	38444-85-8	ppt-TOC	1120000		1910000		288000		4930		160000		23700		1050		926		152000	
PCB-23	55720-44-0	ppt-TOC	1970		4780		1120		393	U	1470	U	567	U	458	U	465	U	565	
PCB-24/27	PCB-24/27	ppt-TOC	174000		256000		40100		815		31500		4720		458	U	465	U	37800	
PCB-25	55712-37-3	ppt-TOC	285000		414000		56100		1120		84000		11500		547		465	U	88500	
PCB-26	38444-81-4	ppt-TOC	496000		819000		131000		2060		115000		16300		795		584		133000	
PCB-28	7012-37-5	ppt-TOC	3280000		5030000		830000		13600		760000		111000		4230		3130		712000	
PCB-29	15862-07-4	ppt-TOC	10700		27300		3240		393	U	1590		567	U	458	U	465	U	1590	
PCB-3	2051-62-9	ppt-TOC	55000		86800		17200		485		21600		3070		458	U	465	U	23200	
PCB-30	35693-92-6	ppt-TOC	1540		2010		1980	U	393	U	1470	U	567	U	458	U	465	U	1510	U
PCB-31	16606-02-3	ppt-TOC	2350000		4890000		857000		12600		461000		68000		2840		2490		508000	
PCB-34	37680-68-5	ppt-TOC	13100		20500		4570		393	U	2960		567	U	458	U	465	U	3620	
PCB-35	37680-69-6	ppt-TOC	83200		123000		35300		393	U	19800		2960		458	U	465	U	24300	
PCB-36	38444-87-0	ppt-TOC	2350		1510		970		393	U	1090		567	U	458	U	465	U	1470	
PCB-37	38444-90-5	ppt-TOC	1220000		1190000		214000		3700		236000		34900		1660		1080		263000	
PCB-38	53555-66-1	ppt-TOC	10500		16900		5300		393	U	4150		615		458	U	465	U	5690	
PCB-39	38444-88-1	ppt-TOC	5070		4920		2130		393	U	2090		567	U	458	U	465	U	2500	
PCB-4/10	PCB-4/10	ppt-TOC	303000		478000		57800		1500		73600		8730		916	U	932	U	61200	
PCB-40	38444-93-8	ppt-TOC	414000		770000		189000		2470		76500		16700		784		465	U	95000	
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	1990000		3510000		917000		11900		429000		79300		3390		2280		419000	
PCB-42/59	36559-22-5/7447	ppt-TOC	843000		1330000		324000		4620		204000		33500		1260		879		183000	
PCB-43/49	PCB-43/49	ppt-TOC	1890000		3080000		826000		10200		522000		84000		3140		2140		500000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED058		NB01SED058		NB01SED058		NB01SED058		NB01SED059		NB01SED059		NB01SED059		NB01SED059		NB01SED060	
		Sample Name	NB01SED058B-01		NB01SED058B-02		NB01SED058B-03		NB01SED058B-04		NB01SED059A-01		NB01SED059A-02		NB01SED059A-03		NB01SED059A-04		NB01SED060B-01	
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005		12/8/2005		11/21/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	2300000		4410000		1220000		15200		500000		84000		3250		2080		492000	
PCB-45	70362-45-7	ppt-TOC	375000		724000		165000		2250		65300		10800		475		465	U	65800	
PCB-46	41464-47-5	ppt-TOC	153000		300000		69600		975		28700		4630		458	U	465	U	29300	
PCB-47	2437-79-8	ppt-TOC	775000		1140000		296000		3460		247000		40500		1740		1220		258000	
PCB-48/75	70362-47-9/3259	ppt-TOC	450000		792000		196000		3060		104000		16600		684		485		87300	
PCB-5/8	PCB-5/8	ppt-TOC	700000		1590000		199000		4730		192000		23900		1330		932	U	148000	
PCB-50	62796-65-0	ppt-TOC	6960		10600		2940		393	U	1610		567	U	458	U	465	U	1680	
PCB-51	68194-04-7	ppt-TOC	132000		194000		44300		655		38600		6580		458	U	465	U	48100	
PCB-52/69	35693-99-3/6023	ppt-TOC	2320000		4460000		1490000		15700		579000		94000		3560		2290		588000	
PCB-53	41464-41-9	ppt-TOC	368000		665000		162000		2120		78000		12200		523		465	U	85000	
PCB-54	15968-05-5	ppt-TOC	6570		8760		1970		393	U	2230		567	U	458	U	465	U	3400	
PCB-55	74338-24-2	ppt-TOC	33600		60800		13500		393	U	7100		1030		458	U	465	U	9270	
PCB-56/60	PCB-56/60	ppt-TOC	1650000		2890000		748000		8750		308000		44700		1950		1290		431000	
PCB-57	70424-67-8	ppt-TOC	14500		21000		5130		393	U	3470		567	U	458	U	465	U	5230	
PCB-58	41464-49-7	ppt-TOC	7000		7730		2090		393	U	2000		567	U	458	U	465	U	3080	
PCB-6	25569-80-6	ppt-TOC	112000		254000		35200		785	U	49600		6330		916	U	932	U	47300	
PCB-61/70	PCB-61/70	ppt-TOC	2770000		5220000		1540000		15900		509000		72700		3090		1940		762000	
PCB-62	54230-22-7	ppt-TOC	7610	U	4540	U	1980	U	393	U	1470	U	567	U	458	U	465	U	1510	U
PCB-63	74472-34-7	ppt-TOC	93200		165000		44800		476		19400		2810		458	U	465	U	28000	
PCB-65	33284-54-7	ppt-TOC	7610	U	4540	U	1980	U	393	U	1470	U	567	U	458	U	465	U	1510	U
PCB-67	73575-53-8	ppt-TOC	96800		152000		33700		428		18200		2560		458	U	465	U	26400	
PCB-68	73575-52-7	ppt-TOC	9960		7190		2180		393	U	4350		873		458	U	465	U	5080	
PCB-7/9	PCB-7/9	ppt-TOC	70400		114000		17100		785	U	13200		1490	U	916	U	932	U	10400	
PCB-73	74338-23-1	ppt-TOC	7610	U	4540	U	1980	U	393	U	1470	U	567	U	458	U	465	U	1510	U
PCB-74	32690-93-0	ppt-TOC	1310000		2180000		613000		6600		247000		35100		1490		958		322000	
PCB-76/66	PCB-76/66	ppt-TOC	2580000		3890000		1080000		11900		524000		76700		3050		1950		735000	
PCB-77	32598-13-3	ppt-TOC	299000		446000		132000		1300		67800		10200		473		465	U	103000	
PCB-78	70362-49-1	ppt-TOC	4180		7050		3020		393	U	1470	U	567	U	458	U	465	U	2040	
PCB-79	41464-48-6	ppt-TOC	18600		25500		12600	U	393	U	6840		1020		458	U	465	U	9960	U
PCB-80	33284-52-5	ppt-TOC	7610	U	4540	U	1980	U	393	U	1470	U	567	U	458	U	465	U	1510	U
PCB-81	70362-50-4	ppt-TOC	25000		44600		5430		152		1780		567	U	458	U	465	U	3600	
PCB-82	52663-62-4	ppt-TOC	248000		492000		184000		1590		64400		9600		458	U	465	U	78800	
PCB-83	60145-20-2	ppt-TOC	1030		1150		691		393	U	647		567	U	458	U	465	U	492	
PCB-84/92	52663-60-2/5266	ppt-TOC	693000		1310000		557000		4720		220000		32900		1320		753		248000	
PCB-85/116	PCB-85/116	ppt-TOC	298000		538000		224000		2120		102000		15500		705		484		102000	
PCB-86	55312-69-1	ppt-TOC	14400		34300		13300		393	U	4220		583		458	U	465	U	3920	
PCB-87/117/125	38380-02-8/6819	ppt-TOC	557000		1150000		474000		4290		186000		26800		1200		721		183000	
PCB-88/91	PCB-88/91	ppt-TOC	287000		473000		181000		1710		107000		16500		689		465	U	114000	
PCB-89	73575-57-2	ppt-TOC	30500		59500		18400		393	U	8010		1250		458	U	465	U	8920	
PCB-90/101	PCB-90/101	ppt-TOC	1650000		2970000		1340000		11500		559000		84000		3540		2080		600000	
PCB-93	73575-56-1	ppt-TOC	1390000		4540	U	1980	U	393	U	1470	U	567	U	458	U	465	U	1510	U
PCB-94	73575-55-0	ppt-TOC	14800		20000		6870		393	U	5200		760		458	U	465	U	6620	
PCB-95/98/102	38379-99-6/6023	ppt-TOC	1330000		2420000		1010000		9100		407000		60900		2510		1590		435000	
PCB-96	73575-54-9	ppt-TOC	19200		32200		10900		393	U	4080		847		458	U	465	U	5730	
PCB-97	41464-51-1	ppt-TOC	532000		968000		391000		3600		181000		28300		1130		658		185000	
PCB-99	38380-01-7	ppt-TOC	811000		1290000		530000		4870		299000		46000		1850		1080		330000	
Total PCB Congeners (209)	No CAS	ppt-TOC	61800000		102000000		30800000		340000		15700000		2380000		88900		51500		17300000	
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	43900000		74600000		24300000		259000		11800000		1770000		72100		41100		13000000	

Table B-6
TOC-Normalized Congener PCBs

			Location ID	NB01SED060		NB01SED060		NB01SED060		NB01SED061		NB01SED061		NB01SED062		NB01SED062		NB01SED062		NB01SED062	
			Sample Name	NB01SED060B-02		NB01SED060B-03		NB01SED060B-04		NB01SED061A-01		NB01SED061A-02		NB01SED062A-01		NB01SED062A-02		NB01SED062A-03		NB01SED062A-04	
			Date Collected	11/21/2005		11/21/2005		11/21/2005		11/28/2005		11/28/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005	
			Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
			depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	30600		29200		30600		43300		51000		2960		479		382	U	44.2	U
PCB-100	39485-83-1	ppt-TOC	13800		22300		17300		14500		19900		3350		409	U	382	U	44.2	U
PCB-103	60145-21-3	ppt-TOC	12900		20900		20400		11800		30900		2520		409	U	382	U	44.2	U
PCB-104	56558-16-8	ppt-TOC	1020		1260		1130		1290		4640	U	3340	U	409	U	382	U	44.2	U
PCB-105	32598-14-4	ppt-TOC	229000		325000		374000		207000		646000		46400		4710		382	U	44.2	U
PCB-106/118	PCB-106/118	ppt-TOC	606000		846000		1030000		554000		2090000		117000		12500		785		122	
PCB-107/109	70424-68-9/7447	ppt-TOC	46100		64600		81100		44900		165000		8980		1010		382	U	44.2	U
PCB-108/112	70362-41-3/7447	ppt-TOC	32300		47700		58900		32100		131000		6450		688		382	U	44.2	U
PCB-11	2050-67-1	ppt-TOC	144000		209000		374000		137000		683000		33300		4780		765	U	126	
PCB-110	38380-03-9	ppt-TOC	668000		1020000		1310000		706000		2760000		147000		17400		1170		149	
PCB-111/115	PCB-111/115	ppt-TOC	11700		16800		21700		11600		47900		2610		409	U	382	U	44.2	U
PCB-113	68194-10-5	ppt-TOC	1360	U	1380	U	3040	U	2190		9260		3340	U	409	U	382	U	44.2	U
PCB-114	74472-37-0	ppt-TOC	13700		17600		21800		12300		45700		2690		281		382	U	44.2	U
PCB-119	56558-17-9	ppt-TOC	21200		33800		38900		22100		71500		4540		489		382	U	44.2	U
PCB-12/13	PCB-12/13	ppt-TOC	65800		85000		153000		79400		192000		9080		1240		765	U	88.4	U
PCB-120	68194-12-7	ppt-TOC	797		1000		1550		2310	U	6190		3340	U	409	U	382	U	44.2	U
PCB-121	56558-18-0	ppt-TOC	1360	U	1380	U	3040	U	2310	U	4640	U	3340	U	409	U	382	U	44.2	U
PCB-122	76842-07-4	ppt-TOC	8870		12200		13300		7110		27200		1640		409	U	382	U	44.2	U
PCB-123	65510-44-3	ppt-TOC	10600		14700		18300		11100		41500		2440		257		23.4		44.2	U
PCB-124	70424-70-3	ppt-TOC	24200		33600		41900		22100		93100		5180		533		382	U	44.2	U
PCB-126	57465-28-8	ppt-TOC	3480		5150		5590		3450		12400		711		106		382	U	44.2	U
PCB-127	39635-33-1	ppt-TOC	1360	U	1380	U	3040	U	2310	U	3700		3340	U	409	U	382	U	44.2	U
PCB-128/162	PCB-128/162	ppt-TOC	93200		131000		166000		78300		251000		16600		1840		382	U	44.2	U
PCB-129	55215-18-4	ppt-TOC	23200		33700		43000		19900		78100		4110		437		382	U	44.2	U
PCB-130	52663-66-8	ppt-TOC	39700		55000		75200		35100		113000		6980		775		382	U	44.2	U
PCB-131	61798-70-7	ppt-TOC	397		1380	U	3040	U	2310	U	4640	U	3340	U	409	U	382	U	44.2	U
PCB-132/161	38380-05-1/7447	ppt-TOC	170000		243000		307000		142000		484000		30600		3160		382	U	44.2	U
PCB-133/142	PCB-133/142	ppt-TOC	18500		26800		33100		16300		52600		3340		409	U	382	U	44.2	U
PCB-134/143	PCB-134/143	ppt-TOC	33200		48800		58900		28800		93600		6520		663		382	U	44.2	U
PCB-135	52744-13-5	ppt-TOC	70300		109000		139000		86100		239000		14500		2040		382	U	44.2	U
PCB-136	38411-22-2	ppt-TOC	75500		116000		140000		87200		240000		15600		1930		382	U	44.2	U
PCB-137	35694-06-5	ppt-TOC	26900		38800		45900		21600		75700		4820		501		382	U	44.2	U
PCB-138/163/164	35065-28-2/7447	ppt-TOC	639000		919000		1150000		548000		1780000		121000		12400		809		123	
PCB-139/149	PCB-139/149	ppt-TOC	448000		727000		874000		561000		1480000		103000		12900		856		102	
PCB-14	34883-41-5	ppt-TOC	2730	U	2760	U	6070	U	4620	U	9280	U	6680	U	819	U	765	U	88.4	U
PCB-140	59291-64-4	ppt-TOC	2600		2490		5890		4110		12000		3340	U	409	U	382	U	44.2	U
PCB-141	52712-04-6	ppt-TOC	105000		157000		203000		86100		283000		18800		1930		382	U	44.2	U
PCB-144	68194-14-9	ppt-TOC	24200		36000		45200		24200		79400		5670		650		382	U	44.2	U
PCB-145	74472-40-5	ppt-TOC	1360	U	1380	U	385		2310	U	4640	U	3340	U	409	U	382	U	44.2	U
PCB-146/165	51908-16-8/7447	ppt-TOC	99400		149000		174000		87800		255000		19200		1910		382	U	44.2	U
PCB-147	68194-13-8	ppt-TOC	19900		38500		30300		27900		49400		5600		650		382	U	44.2	U
PCB-148	74472-41-6	ppt-TOC	1330		2980		2280		2200		4840		3340	U	409	U	382	U	44.2	U
PCB-15	2050-68-2	ppt-TOC	439000		565000		633000		509000		1210000		67100		9250		765	U	88.4	U
PCB-150	68194-08-1	ppt-TOC	3650		7960		5300		4480		7470		3340	U	409	U	382	U	44.2	U
PCB-151	52663-63-5	ppt-TOC	126000		203000		244000		151000		389000		27600		3460		382	U	44.2	U
PCB-152	68194-09-2	ppt-TOC	913		1280		1260		1290		4640	U	3340	U	409	U	382	U	44.2	U
PCB-153	35065-27-1	ppt-TOC	665000		1100000		1200000		567000		1720000		147000		13500		871		120	
PCB-154	60145-22-4	ppt-TOC	17900		42300		27300		24200		36000		6160		572		382	U	44.2	U
PCB-155	33979-03-2	ppt-TOC	4290		8730		14300		4270		4290		1180		409	U	382	U	44.2	U
PCB-156	38380-08-4	ppt-TOC	60600		80400		106000		47500		160000		9560		1020		76.5		44.2	U
PCB-157	69782-90-7	ppt-TOC	12700		17700		23500		10300		34200		2240		256		29.7		44.2	U
PCB-158/160	74472-42-7/4141	ppt-TOC	66100		96900		123000		55100		198000		12200		1280		382	U	44.2	U
PCB-159	39635-35-3	ppt-TOC	7420		13000		12300		6830		16700		1580		409	U	382	U	44.2	U
PCB-16/32	PCB-16/32	ppt-TOC	248000		358000		556000		262000		1750000		48500		5420		388		49.8	
PCB-166	41411-63-6	ppt-TOC	2520		2650		3890		1970		9580		3340	U	409	U	382	U	44.2	U
PCB-167	52663-72-6	ppt-TOC	25500		37700		47400		20900		68900		4710		501		36.2		44.2	U
PCB-168	59291-65-5	ppt-TOC	1270		2530		1700		1350		3840		3340	U	409	U	382	U	44.2	U
PCB-169	32774-16-6	ppt-TOC	1360	U	1380	U	3040	U	2310	U	3850		3340	U	96.3		71.5		44.2	U
PCB-17	37680-66-3	ppt-TOC	165000		240000		378000		177000		1280000		30200		3290		382	U	44.2	U
PCB-170	35065-30-6	ppt-TOC	162000		230000		284000		138000		337000		25500		2580		382	U	44.2	U
PCB-171	52663-71-5	ppt-TOC	44200		68100		84100		39200		103000		7980		838		382	U	44.2	U

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED060		NB01SED060		NB01SED060		NB01SED061		NB01SED061		NB01SED062		NB01SED062		NB01SED062		NB01SED062		NB01SED062			
		Sample Name	NB01SED060B-02		NB01SED060B-03		NB01SED060B-04		NB01SED061A-01		NB01SED061A-02		NB01SED062A-01		NB01SED062A-02		NB01SED062A-03		NB01SED062A-04					
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/28/2005		11/28/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005					
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-172	52663-74-8	ppt-TOC	27500		40800		48900		23200		64400		4510		478		382	U	44.2	U				
PCB-173	68194-16-1	ppt-TOC	3390		4810		5960		2790		10300		3340	U	409	U	382	U	44.2	U				
PCB-174	38411-25-5	ppt-TOC	169000		258000		308000		150000		367000		28800		2980		382	U	44.2	U				
PCB-175	40186-70-7	ppt-TOC	8030		13100		16700		7440		22000		1620		409	U	382	U	44.2	U				
PCB-176	52663-65-7	ppt-TOC	23800		38200		46300		21300		60000		4480		453		382	U	44.2	U				
PCB-177	52663-70-4	ppt-TOC	114000		173000		207000		102000		262000		20700		2170		382	U	44.2	U				
PCB-178	52663-67-9	ppt-TOC	41900		76900		77800		40200		95200		8990		919		382	U	44.2	U				
PCB-179	52663-64-6	ppt-TOC	90000		159000		169000		82800		210000		16800		1760		382	U	44.2	U				
PCB-18	37680-65-2	ppt-TOC	335000		458000		767000		327000		2700000		68800		7630		562		66.3					
PCB-180	35065-29-3	ppt-TOC	413000		627000		763000		375000		909000		72700		7310		476		57.9					
PCB-181	74472-47-2	ppt-TOC	1280		2410		2980		1330		4090		3340	U	409	U	382	U	44.2	U				
PCB-182/187	PCB-182/187	ppt-TOC	275000		523000		507000		261000		602000		58500		5540		382	U	44.2	U				
PCB-183	52663-69-1	ppt-TOC	108000		189000		211000		101000		260000		20500		2010		382	U	44.2	U				
PCB-184	74472-48-3	ppt-TOC	1060		1040		1470		1190		2620		3340	U	409	U	382	U	44.2	U				
PCB-185	52712-05-7	ppt-TOC	17700		27100		32400		15700		43100		3110		356		382	U	44.2	U				
PCB-186	74472-49-4	ppt-TOC	1360	U	1380	U	3040	U	2310	U	4640	U	3340	U	409	U	382	U	44.2	U				
PCB-188	74487-85-7	ppt-TOC	1180		4420		1390		1250		2890		3340	U	409	U	382	U	44.2	U				
PCB-189	39635-31-9	ppt-TOC	6160		8650		10000		5140		17100		1140		128		382	U	44.2	U				
PCB-19	38444-73-4	ppt-TOC	28300		40800		65600		31900		193000		6110		596		382	U	44.2	U				
PCB-190	41411-64-7	ppt-TOC	31400		46500		55200		26900		71100		5540		533		382	U	44.2	U				
PCB-191	74472-50-7	ppt-TOC	5710		10800		11900		5460		16100		1250		409	U	382	U	44.2	U				
PCB-192	74472-51-8	ppt-TOC	1360	U	1380	U	3040	U	2310	U	4640	U	3340	U	409	U	382	U	44.2	U				
PCB-193	69782-91-8	ppt-TOC	19400		34100		35900		17900		45100		4080		409	U	382	U	44.2	U				
PCB-194	35694-08-7	ppt-TOC	105000		157000		176000		97800		209000		17200		1810		382	U	44.2	U				
PCB-195	52663-78-2	ppt-TOC	41300		62300		63300		37100		77300		6460		650		382	U	44.2	U				
PCB-196/203	PCB-196/203	ppt-TOC	135000		204000		241000		136000		292000		22900		2520		382	U	44.2	U				
PCB-197	33091-17-7	ppt-TOC	4450		6730		7260		4540		11000		801		409	U	382	U	44.2	U				
PCB-198	68194-17-2	ppt-TOC	6870		12000		11500		6670		14200		1320		409	U	382	U	44.2	U				
PCB-199	52663-75-9	ppt-TOC	137000		200000		237000		138000		273000		25400		2750		382	U	44.2	U				
PCB-2	2051-61-8	ppt-TOC	13500		20000		22400		12200		24600		1690		1060		597		225					
PCB-20/21/33	38444-84-7/5570	ppt-TOC	190000		261000		441000		156000		1310000		35800		5700		382	U	44.2	U				
PCB-200	52663-73-7	ppt-TOC	12900		18700		20900		12900		29800		2080		409	U	382	U	44.2	U				
PCB-201	40186-71-8	ppt-TOC	18600		28200		31100		17300		40300		3560		409	U	382	U	44.2	U				
PCB-202	2136-99-4	ppt-TOC	42300		68500		71100		42600		78000		9250		925		382	U	44.2	U				
PCB-204	74472-52-9	ppt-TOC	1360	U	1380	U	3040	U	2310	U	2260		3340	U	409	U	382	U	44.2	U				
PCB-205	74472-53-0	ppt-TOC	4290		7040		6590		3670		11700		745		409	U	382	U	44.2	U				
PCB-206	40186-72-9	ppt-TOC	105000		150000		169000		108000		162000		21500		2180		382	U	44.2	U				
PCB-207	52663-79-3	ppt-TOC	10000		13700		14800		9500		17900		1750		409	U	382	U	44.2	U				
PCB-208	52663-77-1	ppt-TOC	35500		45000		55200		32900		48800		7910		806		382	U	44.2	U				
PCB-209	2051-24-3	ppt-TOC	101000		124000		154000		83900		156000		19100		2110		382	U	44.2	U				
PCB-22	38444-85-8	ppt-TOC	179000		258000		467000		153000		1030000		38700		4890		382	U	44.2	U				
PCB-23	55720-44-0	ppt-TOC	465		877		733		2310	U	4640	U	3340	U	409	U	382	U	44.2	U				
PCB-24/27	PCB-24/27	ppt-TOC	42300		59200		83300		44200		242000		7670		831		382	U	44.2	U				
PCB-25	55712-37-3	ppt-TOC	99400		139000		200000		107000		372000		14800		1880		382	U	44.2	U				
PCB-26	38444-81-4	ppt-TOC	149000		197000		296000		143000		585000		24500		2960		382	U	44.2	U				
PCB-28	7012-37-5	ppt-TOC	816000		1040000		1850000		800000		3670000		149000		19000		1060		119					
PCB-29	15862-07-4	ppt-TOC	1800		1970		3040		1620		13800		3340	U	409	U	382	U	44.2	U				
PCB-3	2051-62-9	ppt-TOC	26000		32200		34300		33700		58000		3210		688		382	U	219					
PCB-30	35693-92-6	ppt-TOC	301		419		767		2310	U	4640	U	3340	U	409	U	382	U	44.2	U				
PCB-31	16606-02-3	ppt-TOC	626000		865000		1410000		521000		2990000		127000		15800		832		87.4					
PCB-34	37680-68-5	ppt-TOC	4130		6230		10400		4520		23900		3340	U	409	U	382	U	44.2	U				
PCB-35	37680-69-6	ppt-TOC	24500		32700		46300		21500		80300		4270		588		382	U	44.2	U				
PCB-36	38444-87-0	ppt-TOC	1190		1490		2210		1470		4640	U	3340	U	409	U	382	U	44.2	U				
PCB-37	38444-90-5	ppt-TOC	300000		380000		459000		270000		955000		48500		6690		382	U	44.2	U				
PCB-38	53555-66-1	ppt-TOC	8680		13300		4780		10400		18800		3340	U	409	U	382	U	44.2	U				
PCB-39	38444-88-1	ppt-TOC	2590		3290		4440		2880		7940		3340	U	409	U	382	U	44.2	U				
PCB-4/10	PCB-4/10	ppt-TOC	65800		79600		102000		80000		390000		9220		994		765	U	88.4	U				
PCB-40	38444-93-8	ppt-TOC	106000		161000		244000		67200		561000		26600		2520		382	U	44.2	U				
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	516000		735000		1160000		331000		2800000		127000		13400		841		81.1					
PCB-42/59	36559-22-5/7447	ppt-TOC	218000		311000		485000		184000		1210000		52900		5810		382	U	44.2	U				
PCB-43/49	PCB-43/49	ppt-TOC	581000		842000		1230000		510000		2820000		129000		14100		959		88.4					

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED060		NB01SED060		NB01SED060		NB01SED061		NB01SED061		NB01SED062		NB01SED062		NB01SED062		NB01SED062					
		Sample Name	NB01SED060B-02		NB01SED060B-03		NB01SED060B-04		NB01SED061A-01		NB01SED061A-02		NB01SED062A-01		NB01SED062A-02		NB01SED062A-03		NB01SED062A-04					
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/28/2005		11/28/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005					
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-44	41464-39-5	ppt-TOC	568000		838000		1330000		480000		3440000		145000		15800		1190		116					
PCB-45	70362-45-7	ppt-TOC	80300		112000		190000		65600		483000		18500		1980		382	U	44.2	U				
PCB-46	41464-47-5	ppt-TOC	33900		48100		76300		29700		197000		8470		863		382	U	44.2	U				
PCB-47	2437-79-8	ppt-TOC	279000		404000		541000		254000		1070000		59600		6810		521		64.2					
PCB-48/75	70362-47-9/3259	ppt-TOC	95500		142000		244000		92800		672000		25800		3010		382	U	44.2	U				
PCB-5/8	PCB-5/8	ppt-TOC	170000		202000		248000		196000		783000		24400		3770		765	U	88.4	U				
PCB-50	62796-65-0	ppt-TOC	2030		2800		4000		1620		11800		3340	U	409	U	382	U	44.2	U				
PCB-51	68194-04-7	ppt-TOC	47400		62300		87000		44800		158000		10300		1130		382	U	44.2	U				
PCB-52/69	35693-99-3/6023	ppt-TOC	687000		985000		1450000		611000		3580000		167000		18400		1460		124					
PCB-53	41464-41-9	ppt-TOC	96500		132000		197000		79400		488000		21400		2330		382	U	44.2	U				
PCB-54	15968-05-5	ppt-TOC	3120		4120		4590		3560		8120		3340	U	409	U	382	U	44.2	U				
PCB-55	74338-24-2	ppt-TOC	10500		15100		13600		8940		31000		1800		409	U	382	U	44.2	U				
PCB-56/60	PCB-56/60	ppt-TOC	481000		658000		826000		369000		1870000		89400		10500		556		57.4					
PCB-57	70424-67-8	ppt-TOC	5610		7310		8890		5130		21600		912		409	U	382	U	44.2	U				
PCB-58	41464-49-7	ppt-TOC	3580		4420		5700		2810		16500		704		409	U	382	U	44.2	U				
PCB-6	25569-80-6	ppt-TOC	50300		55000		64800		61100		161000		5920		819	U	765	U	88.4	U				
PCB-61/70	PCB-61/70	ppt-TOC	890000		1240000		1720000		689000		4020000		167000		18300		1070	U	115					
PCB-62	54230-22-7	ppt-TOC	1360	U	1380	U	3040	U	2310	U	4640	U	3340	U	409	U	382	U	44.2	U				
PCB-63	74472-34-7	ppt-TOC	32600		41200		53300		26600		127000		5160		571		382	U	44.2	U				
PCB-65	33284-54-7	ppt-TOC	1360	U	1380	U	3040	U	2310	U	4640	U	3340	U	409	U	382	U	44.2	U				
PCB-67	73575-53-8	ppt-TOC	31300		43100		50400		25100		124000		5320		599		382	U	44.2	U				
PCB-68	73575-52-7	ppt-TOC	5060		7040		10300		3540		14000		1320		409	U	382	U	44.2	U				
PCB-7/9	PCB-7/9	ppt-TOC	12400		13600		17900		13400		75100		6680	U	819	U	765	U	88.4	U				
PCB-73	74338-23-1	ppt-TOC	1360	U	1380	U	3040	U	2310	U	4640	U	3340	U	409	U	382	U	44.2	U				
PCB-74	32690-93-0	ppt-TOC	374000		538000		652000		317000		1740000		73200		8310		432		47					
PCB-76/66	PCB-76/66	ppt-TOC	852000		1170000		1530000		667000		3380000		153000		16700		947		92.1					
PCB-77	32598-13-3	ppt-TOC	105000		145000		160000		93900		308000		18200		2110		140		44.2	U				
PCB-78	70362-49-1	ppt-TOC	2390		3300		2280		2120		7690		3340	U	409	U	382	U	44.2	U				
PCB-79	41464-48-6	ppt-TOC	11200	U	15500		14200	U	10100		35700		3340	U	409	U	382	U	44.2	U				
PCB-80	33284-52-5	ppt-TOC	1360	U	1380	U	3040	U	2310	U	4640	U	3340	U	409	U	382	U	44.2	U				
PCB-81	70362-50-4	ppt-TOC	4030		3690		11700		2600		9640		1550		56.7		382	U	44.2	U				
PCB-82	52663-62-4	ppt-TOC	89700		128000		160000		79400		308000		19500		1960		382	U	44.2	U				
PCB-83	60145-20-2	ppt-TOC	448		488		726		2310	U	2460		3340	U	409	U	382	U	44.2	U				
PCB-84/92	52663-60-2/5266	ppt-TOC	276000		412000		530000		268000		1160000		56500		6230		509		52.4					
PCB-85/116	PCB-85/116	ppt-TOC	108000		167000		197000		114000		398000		24500		2690		382	U	44.2	U				
PCB-86	55312-69-1	ppt-TOC	4190		6310		6740		3830		18200		985		409	U	382	U	44.2	U				
PCB-87/117/125	38380-02-8/6819	ppt-TOC	202000		302000		374000		203000		745000		44500		5180		391		44.2	U				
PCB-88/91	PCB-88/91	ppt-TOC	128000		199000		230000		126000		499000		26100		2820		382	U	44.2	U				
PCB-89	73575-57-2	ppt-TOC	9740		14300		18700		9000		41000		2200		409	U	382	U	44.2	U				
PCB-90/101	PCB-90/101	ppt-TOC	665000		1010000		1300000		644000		2700000		142000		15600		1410		456					
PCB-93	73575-56-1	ppt-TOC	1360	U	1380	U	3040	U	2310	U	4640	U	3340	U	409	U	382	U	44.2	U				
PCB-94	73575-55-0	ppt-TOC	6390		9080		10800		7110		20100		1400		409	U	382	U	44.2	U				
PCB-95/98/102	38379-99-6/6023	ppt-TOC	510000		769000		996000		486000		2200000		110000		11900		1050		94.2					
PCB-96	73575-54-9	ppt-TOC	6350		9540		12600		3080		16000		1540		409	U	382	U	44.2	U				
PCB-97	41464-51-1	ppt-TOC	210000		312000		396000		206000		857000		43500		4890		382	U	44.2	U				
PCB-99	38380-01-7	ppt-TOC	368000		562000		685000		363000		1370000		76700		8250		529		63.2					
Total PCB Congeners (209)	No CAS	ppt-TOC	19800000		28800000		38500000		18300000		79800000		3990000		443000		19600		3020					
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	15100000		21800000		29000000		13600000		58700000		3050000		329000		19400		2790					

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED063		NB01SED063		NB01SED063		NB01SED063		NB01SED064		NB01SED064		NB01SED064		NB01SED065		NB01SED065					
		Sample Name	NB01SED063C-01		NB01SED063C-02		NB01SED063C-03		NB01SED063C-04		NB01SED064B-01		NB01SED064B-02		NB01SED064B-03		NB01SED065A-01		NB01SED065A-02					
		Date Collected	12/8/2005		12/8/2005		12/8/2005		12/8/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005					
		Depth	0.0-0.5		0.5-1.5		1.5-3.5		3.5-4.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-1	2051-60-7	ppt-TOC	19800		37200		34700		61700		234		378	U	2250	U	12000		1250					
PCB-100	39485-83-1	ppt-TOC	28700		28900		46000		51000		133		378	U	2250	U	14400		810					
PCB-103	60145-21-3	ppt-TOC	19100		35800		47000		72800		115		378	U	2250	U	10500		771					
PCB-104	56558-16-8	ppt-TOC	915		3260	U	1510		755		94.1	U	378	U	2250	U	1550		393	U				
PCB-105	32598-14-4	ppt-TOC	178000		588000		587000		1180000		1950		378	U	2250	U	173000		12500					
PCB-106/118	PCB-106/118	ppt-TOC	492000		1580000		1520000		3090000		5270		408		2250	U	452000		31200					
PCB-107/109	70424-68-9/7447	ppt-TOC	38800		129000		123000		243000		429		378	U	2250	U	34300		2460					
PCB-108/112	70362-41-3/7447	ppt-TOC	31500		102000		98000		206000		325		378	U	2250	U	26700		1900					
PCB-11	2050-67-1	ppt-TOC	153000		756000		693000		1220000		1510		759	U	4480	U	155000		12700					
PCB-110	38380-03-9	ppt-TOC	669000		2180000		2120000		4100000		6970		747		2250	U	600000		41400					
PCB-111/115	PCB-111/115	ppt-TOC	12100		39500		39700		74500		134		378	U	2250	U	12300		805					
PCB-113	68194-10-5	ppt-TOC	2580		9850		8930		21800		94.1	U	378	U	2250	U	1400		393	U				
PCB-114	74472-37-0	ppt-TOC	10000		35700		36700		79700		130		378	U	2250	U	10400		919					
PCB-119	56558-17-9	ppt-TOC	36000		65500		73300		128000		201		378	U	2250	U	17000		1150					
PCB-12/13	PCB-12/13	ppt-TOC	68500		288000		330000		352000		706		759	U	4480	U	38200		3320					
PCB-120	68194-12-7	ppt-TOC	2460		6760		5570		10000		94.1	U	378	U	2250	U	1530		393	U				
PCB-121	56558-18-0	ppt-TOC	1630		3260	U	1370	U	1400	U	94.1	U	378	U	2250	U	1820	U	393	U				
PCB-122	76842-07-4	ppt-TOC	6770		21600		25300		49000		113		378	U	2250	U	6730		514					
PCB-123	65510-44-3	ppt-TOC	9960		32500		30300		62400		119		378	U	2250	U	9090		676					
PCB-124	70424-70-3	ppt-TOC	17800		61400		60300		119000		204		378	U	2250	U	17700		1390					
PCB-126	57465-28-8	ppt-TOC	3170		10400		8670		15300		25.3		378	U	2250	U	2710		393	U				
PCB-127	39635-33-1	ppt-TOC	1630		3260	U	1370	U	1400	U	94.1	U	378	U	2250	U	1820	U	393	U				
PCB-128/162	PCB-128/162	ppt-TOC	58800		202000		179000		352000		756		378	U	2250	U	57300		4000					
PCB-129	55215-18-4	ppt-TOC	15300		54300		47700		108000		193		378	U	2250	U	16500		1140					
PCB-130	52663-66-8	ppt-TOC	27600		97700		81700		148000		517		378	U	2250	U	26600		1980					
PCB-131	61798-70-7	ppt-TOC	569		3260	U	1370	U	941		94.1	U	378	U	2250	U	1820	U	393	U				
PCB-132/161	38380-05-1/7447	ppt-TOC	118000		416000		347000		683000		1380		378	U	2250	U	109000		8100					
PCB-133/142	PCB-133/142	ppt-TOC	14400		44000		38300		70300		146		378	U	2250	U	12100		843					
PCB-134/143	PCB-134/143	ppt-TOC	22900		80800		70700		140000		252		378	U	2250	U	21300		1490					
PCB-135	52744-13-5	ppt-TOC	65000		211000		194000		329000		730		378	U	2250	U	62300		4520					
PCB-136	38411-22-2	ppt-TOC	75400		233000		225000		383000		749		378	U	2250	U	66800		4760					
PCB-137	35694-06-5	ppt-TOC	20100		59200		53700		118000		299		378	U	2250	U	17500		1160					
PCB-138/163/164	35065-28-2/7447	ppt-TOC	488000		1480000		1290000		2170000		5230		378	U	2250	U	434000		30900					
PCB-139/149	PCB-139/149	ppt-TOC	515000		1420000		1340000		2150000		4760		378	U	2250	U	420000		29900					
PCB-14	34883-41-5	ppt-TOC	3270	U	6520	U	2740	U	2790	U	189	U	759	U	4480	U	3640	U	786	U				
PCB-140	59291-64-4	ppt-TOC	3340		11900		9330		17900		94.1	U	378	U	2250	U	3090		393	U				
PCB-141	52712-04-6	ppt-TOC	76500		251000		209000		383000		877		378	U	2250	U	77700		5710					
PCB-144	68194-14-9	ppt-TOC	23100		76800		65700		106000		238		378	U	2250	U	23300		1710					
PCB-145	74472-40-5	ppt-TOC	1630		3260	U	690		1120		94.1	U	378	U	2250	U	1820	U	393	U				
PCB-146/165	51908-16-8/7447	ppt-TOC	85000		228000		199000		332000		830		378	U	2250	U	63600		4480					
PCB-147	68194-13-8	ppt-TOC	40800		55600		54700		87600		277		378	U	2250	U	19000		1220					
PCB-148	74472-41-6	ppt-TOC	4190		5430		5070		5860		94.1	U	378	U	2250	U	1710		393	U				
PCB-15	2050-68-2	ppt-TOC	380000		1130000		1030000		1530000		3990		759	U	4480	U	275000		23600					
PCB-150	68194-08-1	ppt-TOC	9460		9770		14000		17600		94.1	U	378	U	2250	U	2600		393	U				
PCB-151	52663-63-5	ppt-TOC	127000		379000		340000		517000		1310		378	U	2250	U	117000		8380					
PCB-152	68194-09-2	ppt-TOC	723		1840		1880		3030		94.1	U	378	U	2250	U	964		393	U				
PCB-153	35065-27-1	ppt-TOC	662000		1530000		1290000		2150000		5430		425		2250	U	419000		31200					
PCB-154	60145-22-4	ppt-TOC	57700		48500		66300		77900		245		378	U	2250	U	13500		895					
PCB-155	33979-03-2	ppt-TOC	4540		22500		34000		1850		94.1	U	378	U	2250	U	7730		543					
PCB-156	38380-08-4	ppt-TOC	40000		128000		113000		226000		469		378	U	2250	U	36100		2600					
PCB-157	69782-90-7	ppt-TOC	9000		29200		27100		50300		129		378	U	2250	U	8320		619					
PCB-158/160	74472-42-7/4141	ppt-TOC	52300		165000		148000		257000		519		378	U	2250	U	46800		3450					
PCB-159	39635-35-3	ppt-TOC	8690		18000		14500		19000		105		378	U	2250	U	5140		393	U				
PCB-16/32	PCB-16/32	ppt-TOC	232000		900000		1010000		2630000		2210		378	U	2250	U	184000		14100					
PCB-166	41411-63-6	ppt-TOC	1780		5830		4500		10200		94.1	U	378	U	2250	U	1540		393	U				
PCB-167	52663-72-6	ppt-TOC	19000		52800		49700		90300		219		378	U	2250	U	15600		1150					
PCB-168	59291-65-5	ppt-TOC	3240		4780		4030		5830		94.1	U	378	U	2250	U	1070		393	U				
PCB-169	32774-16-6	ppt-TOC	1630		3260	U	1370	U	445		16.4		378	U	2250	U	1820	U	393	U				
PCB-17	37680-66-3	ppt-TOC	158000		652000		727000		1850000		1360		378	U	2250	U	117000		9140					
PCB-170	35065-30-6	ppt-TOC	156000		352000		305000		441000		1130		378	U	2250	U	111000		8000					
PCB-171	52663-71-5	ppt-TOC	43100		108000		96700		129000		348		378	U	2250	U	32600		2240					

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED063		NB01SED063		NB01SED063		NB01SED063		NB01SED064		NB01SED064		NB01SED064		NB01SED065		NB01SED065				
		Sample Name	NB01SED063C-01		NB01SED063C-02		NB01SED063C-03		NB01SED063C-04		NB01SED064B-01		NB01SED064B-02		NB01SED064B-03		NB01SED065A-01		NB01SED065A-02				
		Date Collected	12/8/2005		12/8/2005		12/8/2005		12/8/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005				
		Depth	0.0-0.5		0.5-1.5		1.5-3.5		3.5-4.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-172	52663-74-8	ppt-TOC	28700		62100		56700		72400		204		378	U	2250	U	20500		1350				
PCB-173	68194-16-1	ppt-TOC	3110		8620		7270		11200		94.1	U	378	U	2250	U	2720		393	U			
PCB-174	38411-25-5	ppt-TOC	149000		377000		322000		448000		1380		378	U	2250	U	122000		7760				
PCB-175	40186-70-7	ppt-TOC	9540		20800		17400		20400		94.7		378	U	2250	U	6140		505				
PCB-176	52663-65-7	ppt-TOC	23100		60700		51000		69300		213		378	U	2250	U	17500		1260				
PCB-177	52663-70-4	ppt-TOC	98500		250000		226000		286000		890		378	U	2250	U	78200		5430				
PCB-178	52663-67-9	ppt-TOC	46900		100000		81000		100000		340		378	U	2250	U	30100		2200				
PCB-179	52663-64-6	ppt-TOC	98500		232000		193000		255000		734		378	U	2250	U	67300		4810				
PCB-18	37680-65-2	ppt-TOC	330000		1290000		1530000		4450000		2930		378	U	2250	U	267000		20100				
PCB-180	35065-29-3	ppt-TOC	435000		954000		813000		1070000		3240		378	U	2250	U	304000		20700				
PCB-181	74472-47-2	ppt-TOC	1550		4680		2870		7590		94.1	U	378	U	2250	U	959		393	U			
PCB-182/187	PCB-182/187	ppt-TOC	323000		657000		547000		662000		2230		378	U	2250	U	195000		13700				
PCB-183	52663-69-1	ppt-TOC	123000		276000		235000		282000		858		378	U	2250	U	81400		5810				
PCB-184	74472-48-3	ppt-TOC	973		2480		2840		1070		94.1	U	378	U	2250	U	1170		393	U			
PCB-185	52712-05-7	ppt-TOC	19900		45100		40000		53800		148		378	U	2250	U	14400		1010				
PCB-186	74472-49-4	ppt-TOC	1630		3260	U	1370	U	1400	U	94.1	U	378	U	2250	U	1820	U	393	U			
PCB-188	74487-85-7	ppt-TOC	2600		1970		2610		2480		94.1	U	378	U	2250	U	759		393	U			
PCB-189	39635-31-9	ppt-TOC	7000		13300		13300		18200		55.3		378	U	2250	U	4550		393	U			
PCB-19	38444-73-4	ppt-TOC	27000		102000		122000		379000		332		378	U	2250	U	21900		1700				
PCB-190	41411-64-7	ppt-TOC	38500		74400		67000		94800		215		378	U	2250	U	24000		1790				
PCB-191	74472-50-7	ppt-TOC	8040		15500		13800		18800		90.7		378	U	2250	U	5230		393	U			
PCB-192	74472-51-8	ppt-TOC	1630		3260	U	1370	U	1400	U	94.1	U	378	U	2250	U	1820	U	393	U			
PCB-193	69782-91-8	ppt-TOC	25000		48800		42700		53400		166		378	U	2250	U	14900		1030				
PCB-194	35694-08-7	ppt-TOC	123000		242000		218000		275000		786		378	U	2250	U	76400		5240				
PCB-195	52663-78-2	ppt-TOC	48100		89200		82300		101000		259		378	U	2250	U	29600		2110				
PCB-196/203	PCB-196/203	ppt-TOC	169000		326000		250000		308000		1270		378	U	2250	U	96800		6480				
PCB-197	33091-17-7	ppt-TOC	5580		10800		8770		10300		94.1	U	378	U	2250	U	2970		393	U			
PCB-198	68194-17-2	ppt-TOC	8880		15100		10900		14200		102		378	U	2250	U	4820		393	U			
PCB-199	52663-75-9	ppt-TOC	144000		302000		229000		299000		1390		378	U	2250	U	91800		5900				
PCB-2	2051-61-8	ppt-TOC	7420		30200		22500		30000		117		378	U	2250	U	7550		1400				
PCB-20/21/33	38444-84-7/5570	ppt-TOC	211000		721000		1060000		3170000		1710		378	U	2250	U	202000		15600				
PCB-200	52663-73-7	ppt-TOC	16200		29900		24700		33000		172		378	U	2250	U	9050		393	U			
PCB-201	40186-71-8	ppt-TOC	21100		42300		35700		42800		155		378	U	2250	U	12100		876				
PCB-202	2136-99-4	ppt-TOC	39200		93800		69700		84100		349		378	U	2250	U	24400		1740				
PCB-204	74472-52-9	ppt-TOC	404		3260	U	1370	U	1400	U	94.1	U	378	U	2250	U	1820	U	393	U			
PCB-205	74472-53-0	ppt-TOC	6650		11200		10000		11800		115		378	U	2250	U	3900		393	U			
PCB-206	40186-72-9	ppt-TOC	83500		221000		165000		227000		860		378	U	2250	U	58600		4260				
PCB-207	52663-79-3	ppt-TOC	9000		22600		17100		22800		115		378	U	2250	U	6410		441				
PCB-208	52663-77-1	ppt-TOC	26500		75800		52700		66600		303		378	U	2250	U	19400		1350				
PCB-209	2051-24-3	ppt-TOC	65400		200000		144000		186000		704		378	U	2250	U	65500		4290				
PCB-22	38444-85-8	ppt-TOC	195000		684000		900000		2070000		1620		378	U	2250	U	165000		13000				
PCB-23	55720-44-0	ppt-TOC	1630	U	3260	U	2150		3900		94.1	U	378	U	2250	U	1820	U	393	U			
PCB-24/27	PCB-24/27	ppt-TOC	35700		135000		143000		314000		364		378	U	2250	U	27100		2280				
PCB-25	55712-37-3	ppt-TOC	89600		311000		332000		593000		845		378	U	2250	U	63600		4900				
PCB-26	38444-81-4	ppt-TOC	130000		438000		533000		1020000		1270		378	U	2250	U	95000		7290				
PCB-28	7012-37-5	ppt-TOC	762000		2930000		3280000		6930000		7080		494		2250	U	595000		49000				
PCB-29	15862-07-4	ppt-TOC	2010		5720		7970		23400		94.1	U	378	U	2250	U	2070		393	U			
PCB-3	2051-62-9	ppt-TOC	18400		53800		43300		52400		203		378	U	2250	U	17000		2450				
PCB-30	35693-92-6	ppt-TOC	1630	U	3260	U	1730		3480		94.1	U	378	U	2250	U	1820	U	393	U			
PCB-31	16606-02-3	ppt-TOC	562000		2210000		2510000		5280000		5480		461		2250	U	486000		37200				
PCB-34	37680-68-5	ppt-TOC	4040		16600		20600		40300		94.1	U	378	U	2250	U	2570		393	U			
PCB-35	37680-69-6	ppt-TOC	20700		122000		78000		151000		209		378	U	2250	U	19800		4010				
PCB-36	38444-87-0	ppt-TOC	1140		2890		2660		1800		94.1	U	378	U	2250	U	773		393	U			
PCB-37	38444-90-5	ppt-TOC	237000		698000		637000		1380000		2420		378	U	2250	U	200000		17000				
PCB-38	53555-66-1	ppt-TOC	4650		16500		19200		33000		94.1	U	378	U	2250	U	5500		393	U			
PCB-39	38444-88-1	ppt-TOC	2380		7770		7800		11900		94.1	U	378	U	2250	U	1550		393	U			
PCB-4/10	PCB-4/10	ppt-TOC	71900		205000		264000		793000		537		759	U	4480	U	46400		3990				
PCB-40	38444-93-8	ppt-TOC	112000		402000		280000		959000		956		378	U	2250	U	85000						
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	515000		1880000		1660000		4380000		7160		509		2250	U	422000						
PCB-42/59	36559-22-5/7447	ppt-TOC	222000		800000		823000		1800000		2330		378	U	2250	U	170000		12000				
PCB-43/49	PCB-43/49	ppt-TOC	562000		2020000		1990000		4380000		5600		378	U	2250	U	418000		30400				

Table B-6
TOC-Normalized Congener PCBs

			Location ID		NB01SED063		NB01SED063		NB01SED063		NB01SED063		NB01SED064		NB01SED064		NB01SED064		NB01SED065		NB01SED065	
			Sample Name		NB01SED063C-01		NB01SED063C-02		NB01SED063C-03		NB01SED063C-04		NB01SED064B-01		NB01SED064B-02		NB01SED064B-03		NB01SED065A-01		NB01SED065A-02	
			Date Collected		12/8/2005		12/8/2005		12/8/2005		12/8/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005	
			Depth		0.0-0.5		0.5-1.5		1.5-3.5		3.5-4.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5	
			depth_unit		ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	588000		2120000		2110000		5170000		6000		378	U	2250	U	455000		30900	
PCB-45	70362-45-7	ppt-TOC	73500		295000		321000		831000		758		378	U	2250	U	60900		4560	
PCB-46	41464-47-5	ppt-TOC	32000		122000		133000		339000		323		378	U	2250	U	27000		1750	
PCB-47	2437-79-8	ppt-TOC	245000		815000		830000		1580000		2740		378	U	2250	U	209000		14200	
PCB-48/75	70362-47-9/3259	ppt-TOC	123000		472000		487000		1130000		994		378	U	2250	U	87700		6810	
PCB-5/8	PCB-5/8	ppt-TOC	171000		490000		610000		1660000		1460		759	U	4480	U	150000		11100	
PCB-50	62796-65-0	ppt-TOC	1630		7270		6630		16600		94.1	U	378	U	2250	U	1320		393	U
PCB-51	68194-04-7	ppt-TOC	40400		115000		132000		256000		522		378	U	2250	U	45900		2600	
PCB-52/69	35693-99-3/6023	ppt-TOC	673000		2420000		2520000		5900000		6750		682		2250	U	514000		37600	
PCB-53	41464-41-9	ppt-TOC	84200		298000		330000		810000		953		378	U	2250	U	73600		5380	
PCB-54	15968-05-5	ppt-TOC	2200		4920		6470		10600		94.1	U	378	U	2250	U	3740		393	U
PCB-55	74338-24-2	ppt-TOC	8270		25700		25800		55500		103		378	U	2250	U	6320		543	
PCB-56/60	PCB-56/60	ppt-TOC	332000		1160000		1120000		2610000		3870		406		2250	U	262000		20900	
PCB-57	70424-67-8	ppt-TOC	3570		13600		13200		21600		94.1	U	378	U	2250	U	2610		393	U
PCB-58	41464-49-7	ppt-TOC	2340		8310		8370		12000		94.1	U	378	U	2250	U	1560		393	U
PCB-6	25569-80-6	ppt-TOC	46200		114000		138000		298000		430		759	U	4480	U	32700		2370	
PCB-61/70	PCB-61/70	ppt-TOC	565000		2220000		2210000		4760000		6950		641	U	2250	U	431000		35000	
PCB-62	54230-22-7	ppt-TOC	1630	U	3260	U	1370	U	1400	U	94.1	U	378	U	2250	U	1820	U	393	U
PCB-63	74472-34-7	ppt-TOC	20400		76800		76300		155000		265		378	U	2250	U	15500		1240	
PCB-65	33284-54-7	ppt-TOC	1630	U	3260	U	2000		4210		94.1	U	378	U	2250	U	1820	U	393	U
PCB-67	73575-53-8	ppt-TOC	18600		66600		65000		142000		256		378	U	2250	U	14700		1180	
PCB-68	73575-52-7	ppt-TOC	3880		18500		11700		24300		225		378	U	2250	U	4220		393	U
PCB-7/9	PCB-7/9	ppt-TOC	13500		41200		59300		132000		189	U	759	U	4480	U	11000		1450	
PCB-73	74338-23-1	ppt-TOC	1630	U	3260	U	1370	U	1400	U	94.1	U	378	U	2250	U	1820	U	393	U
PCB-74	32690-93-0	ppt-TOC	243000		908000		813000		1970000		3230		378	U	2250	U	200000		15900	
PCB-76/66	PCB-76/66	ppt-TOC	542000		2000000		1970000		4030000		6720		512		2250	U	405000		33500	
PCB-77	32598-13-3	ppt-TOC	72300		364000		209000		455000		867		378	U	678		58600		16100	
PCB-78	70362-49-1	ppt-TOC	1630	U	3260	U	1370	U	1400	U	94.1	U	378	U	2250	U	1820	U	393	U
PCB-79	41464-48-6	ppt-TOC	9460	U	26600		24900	U	41400		149		378	U	2250	U	6270	U	576	
PCB-80	33284-52-5	ppt-TOC	1630	U	3260	U	1370	U	1400	U	94.1	U	378	U	2250	U	1820	U	393	U
PCB-81	70362-50-4	ppt-TOC	1770		3440		7070		16900		99.3		378	U	2250	U	2210		393	U
PCB-82	52663-62-4	ppt-TOC	65400		223000		200000		462000		747		378	U	2250	U	63600		4860	
PCB-83	60145-20-2	ppt-TOC	942		1610		2180		3790		94.1	U	378	U	2250	U	482		393	U
PCB-84/92	52663-60-2/5266	ppt-TOC	242000		808000		827000		1700000		2420		378	U	2250	U	220000		14800	
PCB-85/116	PCB-85/116	ppt-TOC	105000		335000		319000		679000		1130		378	U	2250	U	97300		7000	
PCB-86	55312-69-1	ppt-TOC	5120		13600		12500		35900		94.1	U	378	U	2250	U	4730		393	U
PCB-87/117/125	38380-02-8/6819	ppt-TOC	197000		644000		593000		1330000		2010		378	U	2250	U	196000		13500	
PCB-88/91	PCB-88/91	ppt-TOC	140000		401000		420000		841000		1070		378	U	2250	U	94100		6810	
PCB-89	73575-57-2	ppt-TOC	9270		33100		31000		72800		112	U	378	U	2250	U	8500		629	
PCB-90/101	PCB-90/101	ppt-TOC	631000		2030000		1980000		3830000		6080		612		2250	U	545000		37800	
PCB-93	73575-56-1	ppt-TOC	1630		3260	U	1370	U	1400	U	94.1	U	378	U	2250	U	1820	U	393	U
PCB-94	73575-55-0	ppt-TOC	5580		16000		16700		26800		94.1	U	378	U	2250	U	6550		393	U
PCB-95/98/102	38379-99-6/6023	ppt-TOC	462000		1620000		1560000		3300000		4650		562		2250	U	407000		28500	
PCB-96	73575-54-9	ppt-TOC	4620		23700		14600		54800		159		378	U	2250	U	7230		393	U
PCB-97	41464-51-1	ppt-TOC	193000		642000		643000		1310000		1930		378	U	2250	U	170000		11800	
PCB-99	38380-01-7	ppt-TOC	412000		1040000		1070000		2010000		3290		378	U	2250	U	270000		19200	
Total PCB Congeners (209)	No CAS	ppt-TOC	18200000		58500000		57700000		120000000		178000		5820		741		14400000		1030000	
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	13500000		43100000		42300000		88300000		130000		6290		1480		10600000		800000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED066		NB01SED066		NB01SED068		NB01SED068		NB01SED068				
		Sample Name	NB01SED065A-03		NB01SED065A-04		NB01SED065A-05		NB01SED065A-06		NB01SED066E-01		NB01SED066E-02		NB01SED068B-01		NB01SED068B-02		NB01SED068B-03				
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		10/30/2005		10/30/2005		10/30/2005				
		Depth	1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-1	2051-60-7	ppt-TOC	284		385	U	388	U	537	U	11900		4780	U	42200		58700		61000				
PCB-100	39485-83-1	ppt-TOC	261	U	385	U	388	U	537	U	13100		4780	U	7670		9070		8930				
PCB-103	60145-21-3	ppt-TOC	261	U	385	U	388	U	537	U	17400		1760		9500		10600		1460	U			
PCB-104	56558-16-8	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	561		700		721				
PCB-105	32598-14-4	ppt-TOC	1370		743		320		215		326000		34000		207000		242000		243000				
PCB-106/118	PCB-106/118	ppt-TOC	3500		1930		795		415		849000		88800		569000		660000		666000				
PCB-107/109	70424-68-9/7447	ppt-TOC	280		385	U	388	U	537	U	66700		6640	U	46100		53300		55900				
PCB-108/112	70362-41-3/7447	ppt-TOC	261	U	385	U	388	U	537	U	60700		4780	U	35600		40300		42800				
PCB-11	2050-67-1	ppt-TOC	2100		1320		829		1080	U	312000		27200		136000		178000		175000				
PCB-110	38380-03-9	ppt-TOC	4440		2550		1070		553		1270000		124000		728000		850000		866000				
PCB-111/115	PCB-111/115	ppt-TOC	261	U	385	U	388	U	537	U	25800		2470		10800		14200		15800				
PCB-113	68194-10-5	ppt-TOC	261	U	385	U	388	U	537	U	4360		4780	U	467	U	2980		2380				
PCB-114	74472-37-0	ppt-TOC	261	U	385	U	388	U	537	U	21600		1810		13300		15100		14500				
PCB-119	56558-17-9	ppt-TOC	261	U	385	U	388	U	537	U	29900		4780	U	19500		22900		25200				
PCB-12/13	PCB-12/13	ppt-TOC	522	U	771	U	776	U	1080	U	104000		9560	U	74200		106000		107000				
PCB-120	68194-12-7	ppt-TOC	261	U	385	U	388	U	537	U	1900		4780	U	750		2240		2460				
PCB-121	56558-18-0	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	467	U	1390	U	1460	U			
PCB-122	76842-07-4	ppt-TOC	261	U	385	U	388	U	537	U	13800		1310		8030		10100		9170				
PCB-123	65510-44-3	ppt-TOC	261	U	385	U	388	U	537	U	19400		1640		11300		13400		13600				
PCB-124	70424-70-3	ppt-TOC	261	U	385	U	388	U	537	U	37500		4950		20100		24800		25200				
PCB-126	57465-28-8	ppt-TOC	261	U	385	U	388	U	537	U	4910		4780	U	3220		4700		4000				
PCB-127	39635-33-1	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	467	U	1390	U	1460	U			
PCB-128/162	PCB-128/162	ppt-TOC	478		385	U	388	U	537	U	95500		14700		93600		104000		110000				
PCB-129	55215-18-4	ppt-TOC	261	U	385	U	388	U	537	U	30300		4190		24600		28000		27600				
PCB-130	52663-66-8	ppt-TOC	261	U	385	U	388	U	537	U	43800		7330		40000		50300		51700				
PCB-131	61798-70-7	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	467	U	1390	U	1460	U			
PCB-132/161	38380-05-1/7447	ppt-TOC	919		519		388	U	537	U	199000		39000		176000		194000		207000				
PCB-133/142	PCB-133/142	ppt-TOC	261	U	385	U	388	U	537	U	19900		3710		18800		22300		22700				
PCB-134/143	PCB-134/143	ppt-TOC	261	U	385	U	388	U	537	U	38800		7200		34400		40000		37900				
PCB-135	52744-13-5	ppt-TOC	466		385	U	388	U	537	U	106000		22600		76700		92700		94800				
PCB-136	38411-22-2	ppt-TOC	553		385	U	388	U	537	U	115000		28600		75800		92000		91700				
PCB-137	35694-06-5	ppt-TOC	261	U	385	U	388	U	537	U	31300		4630		29200		30900		29700				
PCB-138/163/164	35065-28-2/7447	ppt-TOC	3160		1870		857		537	U	745000		145000		664000		773000		786000				
PCB-139/149	PCB-139/149	ppt-TOC	3190		1730		729		537	U	723000		167000		478000		587000		586000				
PCB-14	34883-41-5	ppt-TOC	522	U	771	U	776	U	1080	U	13300	U	9560	U	933	U	2790	U	2910	U			
PCB-140	59291-64-4	ppt-TOC	261	U	385	U	388	U	537	U	6330		4780	U	3580		5000		5760				
PCB-141	52712-04-6	ppt-TOC	609		385	U	388	U	537	U	141000		32900		116000		134000		129000				
PCB-144	68194-14-9	ppt-TOC	261	U	385	U	388	U	537	U	39900		10300		25800		31900		32300				
PCB-145	74472-40-5	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	467	U	1390	U	1460	U			
PCB-146/165	51908-16-8/7447	ppt-TOC	516		385	U	388	U	537	U	101000		22600		102000		114000		121000				
PCB-147	68194-13-8	ppt-TOC	261	U	385	U	388	U	537	U	23000		2700		16100		19500		19800				
PCB-148	74472-41-6	ppt-TOC	261	U	385	U	388	U	537	U	1940		4780	U	1650		1980		2280				
PCB-15	2050-68-2	ppt-TOC	5030		1140		776	U	1080	U	510000		18700		450000		650000		659000				
PCB-150	68194-08-1	ppt-TOC	261	U	385	U	388	U	537	U	4380		4780	U	2490		2850		2920				
PCB-151	52663-63-5	ppt-TOC	850		510		388	U	537	U	200000		59400		132000		162000		165000				
PCB-152	68194-09-2	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	794		970		928				
PCB-153	35065-27-1	ppt-TOC	3310		1910		729		537	U	765000		184000		656000		747000		766000				
PCB-154	60145-22-4	ppt-TOC	261	U	385	U	388	U	537	U	18000		2020		12800		16300		16200				
PCB-155	33979-03-2	ppt-TOC	261	U	385	U	388	U	537	U	1830		4780	U	2480		3110		3340				
PCB-156	38380-08-4	ppt-TOC	316		385	U	388	U	537	U	65800		11100		56400		63300		63400				
PCB-157	69782-90-7	ppt-TOC	261	U	385	U	388	U	537	U	15500		4780	U	13200		14600		15300				
PCB-158/160	74472-42-7/4141	ppt-TOC	378		385	U	388	U	537	U	85500		15800		68600		80000		82100				
PCB-159	39635-35-3	ppt-TOC	261	U	385	U	388	U	537	U	12100		5060		7280		8800		10100				
PCB-16/32	PCB-16/32	ppt-TOC	1230		781		424		537	U	567000		15000		251000		329000		319000				
PCB-166	41411-63-6	ppt-TOC	261	U	385	U	388	U	537	U	3000		4780	U	2230		2650		2760				
PCB-167	52663-72-6	ppt-TOC	261	U	385	U	388	U	537	U	27500		4340		24500		27600		29800				
PCB-168	59291-65-5	ppt-TOC	261	U	385	U	388	U	537	U	2710		4780	U	1370		2330		2570				
PCB-169	32774-16-6	ppt-TOC	261	U	385	U	79		537	U	6650	U	4780	U	467	U	1390	U	1460	U			
PCB-17	37680-66-3	ppt-TOC	772		426		388	U	537	U	397000		8790		189000		254000		244000				
PCB-170	35065-30-6	ppt-TOC	906		557		388	U	537	U	184000		53000		154000		182000		185000				
PCB-171	52663-71-5	ppt-TOC	261	U	385	U	388	U	537	U	54600		17000		45800		54000		53800				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED066		NB01SED066		NB01SED068		NB01SED068		NB01SED068			
		Sample Name	NB01SED065A-03		NB01SED065A-04		NB01SED065A-05		NB01SED065A-06		NB01SED066E-01		NB01SED066E-02		NB01SED068B-01		NB01SED068B-02		NB01SED068B-03			
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		10/30/2005		10/30/2005		10/30/2005			
		Depth	1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-172	52663-74-8	ppt-TOC	261	U	385	U	388	U	537	U	33900		11900		27400		33300		33400			
PCB-173	68194-16-1	ppt-TOC	261	U	385	U	388	U	537	U	4550		1450		3470		3930		4280			
PCB-174	38411-25-5	ppt-TOC	856		614		388	U	537	U	212000		79100		175000		204000		197000			
PCB-175	40186-70-7	ppt-TOC	261	U	385	U	388	U	537	U	12800		5150		8060		11100		11100			
PCB-176	52663-65-7	ppt-TOC	261	U	385	U	388	U	537	U	35500		12400		24600		29800		29200			
PCB-177	52663-70-4	ppt-TOC	644		393		388	U	537	U	132000		43600		110000		133000		132000			
PCB-178	52663-67-9	ppt-TOC	261	U	385	U	388	U	537	U	56100		22400		41100		51000		50300			
PCB-179	52663-64-6	ppt-TOC	544		385	U	388	U	537	U	132000		52300		91700		115000		112000			
PCB-18	37680-65-2	ppt-TOC	1690		933		581		537	U	878000		22400		350000		460000		431000			
PCB-180	35065-29-3	ppt-TOC	2330		1610		543		537	U	532000		203000		417000		497000		493000			
PCB-181	74472-47-2	ppt-TOC	261	U	385	U	388	U	537	U	2170		4780	U	1120		1640		1690			
PCB-182/187	PCB-182/187	ppt-TOC	1540		1150		408		537	U	387000		167000		269000		340000		331000			
PCB-183	52663-69-1	ppt-TOC	634		481		388	U	537	U	162000		63500		112000		141000		138000			
PCB-184	74472-48-3	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	731		1230		1080			
PCB-185	52712-05-7	ppt-TOC	261	U	385	U	388	U	537	U	28600		12000		20700		24200		22400			
PCB-186	74472-49-4	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	467	U	1390	U	1460	U		
PCB-188	74487-85-7	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	903		1090		1270			
PCB-189	39635-31-9	ppt-TOC	261	U	385	U	388	U	537	U	6700		4780	U	5720		7330		7170			
PCB-19	38444-73-4	ppt-TOC	261	U	385	U	388	U	537	U	61000		4780	U	32800		49000		41700			
PCB-190	41411-64-7	ppt-TOC	261	U	385	U	388	U	537	U	43800		12800		31900		38000		39000			
PCB-191	74472-50-7	ppt-TOC	261	U	385	U	388	U	537	U	9120		3060		6420		8070		8280			
PCB-192	74472-51-8	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	467	U	1390	U	1460	U		
PCB-193	69782-91-8	ppt-TOC	261	U	385	U	388	U	537	U	27100		9400		19600		24500		24600			
PCB-194	35694-08-7	ppt-TOC	547		399		388	U	537	U	159000		88600		107000		124000		125000			
PCB-195	52663-78-2	ppt-TOC	261	U	385	U	388	U	537	U	55500		28000		43600		48300		44100			
PCB-196/203	PCB-196/203	ppt-TOC	722		510		388	U	537	U	243000		179000		115000		169000		172000			
PCB-197	33091-17-7	ppt-TOC	261	U	385	U	388	U	537	U	7680		4350		4420		5200		5550			
PCB-198	68194-17-2	ppt-TOC	261	U	385	U	388	U	537	U	13000		11100		7530		8130		8000			
PCB-199	52663-75-9	ppt-TOC	669		519		388	U	537	U	246000		199000		123000		167000		172000			
PCB-2	2051-61-8	ppt-TOC	1350		890		690		700		12000		2760		8530		12200		14100			
PCB-20/21/33	38444-84-7/5570	ppt-TOC	1670		914		500		537	U	701000		12100		216000		283000		243000			
PCB-200	52663-73-7	ppt-TOC	261	U	385	U	388	U	537	U	20400		11400		13500		16100		16500			
PCB-201	40186-71-8	ppt-TOC	261	U	385	U	388	U	537	U	34900		24300		19800		23200		22700			
PCB-202	2136-99-4	ppt-TOC	261	U	385	U	388	U	537	U	99100		95800		47200		54000		53400			
PCB-204	74472-52-9	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	467	U	1390	U	1460	U		
PCB-205	74472-53-0	ppt-TOC	261	U	385	U	388	U	537	U	7870		4230		4330		5630		5450			
PCB-206	40186-72-9	ppt-TOC	631		385	U	388	U	537	U	306000		338000		134000		140000		143000			
PCB-207	52663-79-3	ppt-TOC	261	U	385	U	388	U	537	U	26100		28500		11400		12600		12100			
PCB-208	52663-77-1	ppt-TOC	261	U	385	U	388	U	537	U	118000		152000		46700		48000		47900			
PCB-209	2051-24-3	ppt-TOC	1230		385	U	388	U	537	U	383000		433000		133000		137000		132000			
PCB-22	38444-85-8	ppt-TOC	1250		648		388	U	537	U	468000		11400		193000		261000		235000			
PCB-23	55720-44-0	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	539		787		645			
PCB-24/27	PCB-24/27	ppt-TOC	261	U	385	U	388	U	537	U	75100		2190		44400		62000		60700			
PCB-25	55712-37-3	ppt-TOC	513		385	U	388	U	537	U	167000		3260		113000		156000		147000			
PCB-26	38444-81-4	ppt-TOC	738		437		388	U	537	U	251000		5690		155000		223000		203000			
PCB-28	7012-37-5	ppt-TOC	5310		2270		1180		537	U	1640000		35900		894000		1170000		1140000			
PCB-29	15862-07-4	ppt-TOC	261	U	385	U	388	U	537	U	6740		4780	U	1760		2620		1970			
PCB-3	2051-62-9	ppt-TOC	1870		385	U	388	U	537	U	22000		3120		30000		38300		41000			
PCB-30	35693-92-6	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	467	U	1390	U	1460	U		
PCB-31	16606-02-3	ppt-TOC	3190		1800		871		537	U	1480000		26600		639000		930000		807000			
PCB-34	37680-68-5	ppt-TOC	261	U	385	U	388	U	537	U	9940		4780	U	4780		6400		6000			
PCB-35	37680-69-6	ppt-TOC	261	U	385	U	388	U	537	U	49000		7330		26000		38700		29900			
PCB-36	38444-87-0	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	1040		1380		1540			
PCB-37	38444-90-5	ppt-TOC	1980		990		388	U	537	U	433000		12400		283000		347000		372000			
PCB-38	53555-66-1	ppt-TOC	261	U	385	U	388	U	537	U	11700		4780	U	5360		5530		5480			
PCB-39	38444-88-1	ppt-TOC	261	U	385	U	388	U	537	U	4420		4780	U	2890		3470		3620			
PCB-4/10	PCB-4/10	ppt-TOC	522	U	771	U	776	U	1080	U	134000		9560	U	92500		123000		124000			
PCB-40	38444-93-8	ppt-TOC	261	U	385	U	388	U	537	U	284000		7170		81700		172000		161000			
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC							537	U	1450000		33100		547000		847000		807000			
PCB-42/59	36559-22-5/7447	ppt-TOC	1190		738		388	U	537	U	623000		11500		263000		353000		336000			
PCB-43/49	PCB-43/49	ppt-TOC	2940		1840		729		537	U	1430000		34200		708000		927000		869000			

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED066		NB01SED066		NB01SED068		NB01SED068		NB01SED068					
		Sample Name	NB01SED065A-03		NB01SED065A-04		NB01SED065A-05		NB01SED065A-06		NB01SED066E-01		NB01SED066E-02		NB01SED068B-01		NB01SED068B-02		NB01SED068B-03					
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		10/30/2005		10/30/2005		10/30/2005					
		Depth	1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-44	41464-39-5	ppt-TOC	3070		1860		862		601		1610000		44100		694000		900000		838000					
PCB-45	70362-45-7	ppt-TOC	409		385	U	388	U	537	U	203000		4500		98300		127000		112000					
PCB-46	41464-47-5	ppt-TOC	261	U	385	U	388	U	537	U	85500		2000		43300		53300		49300					
PCB-47	2437-79-8	ppt-TOC	1410		900		476		537	U	571000		11100		333000		417000		424000					
PCB-48/75	70362-47-9/3259	ppt-TOC	634		439		388	U	537	U	377000		6940		141000		193000		166000					
PCB-5/8	PCB-5/8	ppt-TOC	1240		881		776	U	1080	U	399000		7190		198000		263000		257000					
PCB-50	62796-65-0	ppt-TOC	261	U	385	U	388	U	537	U	4870		4780	U	2420		3180		3010					
PCB-51	68194-04-7	ppt-TOC	261	U	385	U	388	U	537	U	76100		1040		46900		61700		57600					
PCB-52/69	35693-99-3/6023	ppt-TOC	3630		2250		1070		574		1700000		80300		836000		1060000		972000					
PCB-53	41464-41-9	ppt-TOC	513		385	U	388	U	537	U	193000		4970		113000		143000		130000					
PCB-54	15968-05-5	ppt-TOC	261	U	385	U	388	U	537	U	2640		4780	U	2330		3320		2820					
PCB-55	74338-24-2	ppt-TOC	261	U	385	U	388	U	537	U	17700		4780	U	9080		11100		10600					
PCB-56/60	PCB-56/60	ppt-TOC	2250		1170		529		537	U	903000		20200		436000		510000		528000					
PCB-57	70424-67-8	ppt-TOC	261	U	385	U	388	U	537	U	8800		4780	U	5250		6770		6790					
PCB-58	41464-49-7	ppt-TOC	261	U	385	U	388	U	537	U	4810		4780	U	2750		3630		4070					
PCB-6	25569-80-6	ppt-TOC	522	U	771	U	776	U	1080	U	73200		9560	U	61100		81000		80300					
PCB-61/70	PCB-61/70	ppt-TOC	3660		2000		924		537	U	1680000		46400		783000		900000		917000					
PCB-62	54230-22-7	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	467	U	1390	U	1460	U				
PCB-63	74472-34-7	ppt-TOC	261	U	385	U	388	U	537	U	56500		1500		31900		37000		38600					
PCB-65	33284-54-7	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	467	U	1390	U	914					
PCB-67	73575-53-8	ppt-TOC	261	U	385	U	388	U	537	U	50900		1650		26000		30800		31700					
PCB-68	73575-52-7	ppt-TOC	261	U	385	U	388	U	537	U	13600		4780	U	4920		11700		11400					
PCB-7/9	PCB-7/9	ppt-TOC	522	U	771	U	776	U	1080	U	40600		9560	U	13100		17800		14800					
PCB-73	74338-23-1	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	467	U	1390	U	1460	U				
PCB-74	32690-93-0	ppt-TOC	1650		910		390		537	U	667000		17700		350000		423000		438000					
PCB-76/66	PCB-76/66	ppt-TOC	3590		1850		862		537	U	1460000		32300		769000		867000		931000					
PCB-77	32598-13-3	ppt-TOC	653		385	U	176		123		130000		14000		110000		178000		127000					
PCB-78	70362-49-1	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	467	U	1390	U	1460	U				
PCB-79	41464-48-6	ppt-TOC	261	U	385	U	388	U	537	U	17200	U	4780	U	7830		9130		9590					
PCB-80	33284-52-5	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	467	U	1390	U	1460	U				
PCB-81	70362-50-4	ppt-TOC	261	U	385	U	388	U	537	U	3010		4780	U	3750		4600		4450					
PCB-82	52663-62-4	ppt-TOC	531		385	U	388	U	537	U	135000		9840		80600		92000		91700					
PCB-83	60145-20-2	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	467	U	1390	U	666					
PCB-84/92	52663-60-2/5266	ppt-TOC	1580		1020		459		537	U	497000		43400		283000		320000		321000					
PCB-85/116	PCB-85/116	ppt-TOC	616		418		388	U	537	U	186000		16500		119000		139000		138000					
PCB-86	55312-69-1	ppt-TOC	261	U	385	U	388	U	537	U	8970		4780	U	4470		5870		6480					
PCB-87/117/125	38380-02-8/6819	ppt-TOC	1440		810		388	U	537	U	383000		39000		229000		260000		258000					
PCB-88/91	PCB-88/91	ppt-TOC	709		538		388	U	537	U	233000		14000		122000		144000		142000					
PCB-89	73575-57-2	ppt-TOC	261	U	385	U	388	U	537	U	20300		4780	U	10700		13100		12400					
PCB-90/101	PCB-90/101	ppt-TOC	4160		2290		1030		560		1150000		145000		667000		753000		766000					
PCB-93	73575-56-1	ppt-TOC	261	U	385	U	388	U	537	U	6650	U	4780	U	467	U	1390	U	1460	U				
PCB-94	73575-55-0	ppt-TOC	261	U	385	U	388	U	537	U	9640		4780	U	5830		6870		7070					
PCB-95/98/102	38379-99-6/6023	ppt-TOC	2980		1740		829		504		941000		106000		508000		590000		579000					
PCB-96	73575-54-9	ppt-TOC	261	U	385	U	388	U	537	U	16700		4780	U	4890		9900		9100					
PCB-97	41464-51-1	ppt-TOC	1220		800		388	U	537	U	394000		29400		217000		247000		249000					
PCB-99	38380-01-7	ppt-TOC	2090		1190		510		537	U	575000		47200		350000		390000		407000					
Total PCB Congeners (209)	No CAS	ppt-TOC	107000		54300		19400		4250		37100000		4480000		20600000		25600000		25100000					
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	83400		44200		18800		5000		27200000		4140000		15700000		19000000		18700000					

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED068		NB01SED068		NB01SED068		NB901		NB901		NB901		NB901		NB901		NB901		NB901			
		Sample Name	NB01SED068B-04		NB01SED068B-05		NB01SED068B-06		6JMS00021		6JMS00022		6JMS00023		6JMS00024		6JMS00025		6JMS00026			
		Date Collected	10/30/2005		10/30/2005		10/30/2005		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998			
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.3		0.0-0.7		0.7-1.3		1.3-2.3		2.3-3.0		3.0-3.9			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-1	2051-60-7	ppt-TOC	39200		52600		48900		15800		25400		22700		68800		50000		105000			
PCB-100	39485-83-1	ppt-TOC	7970		9560		14100															
PCB-103	60145-21-3	ppt-TOC	9750		12700		16800		8670		19600		20900		31300		37500		35700			
PCB-104	56558-16-8	ppt-TOC	1180	U	1230	U	1150		4440	U	1500		1570		3540		12000	U	10200	U		
PCB-105	32598-14-4	ppt-TOC	205000		261000		300000		207000		429000		545000		833000		775000		738000			
PCB-106/118	PCB-106/118	ppt-TOC	564000		732000		834000															
PCB-107/109	70424-68-9/7447	ppt-TOC	46400		60900		72600															
PCB-108/112	70362-41-3/7447	ppt-TOC	35800		46200		56600															
PCB-11	2050-67-1	ppt-TOC	157000		250000		243000		109000		300000		705000		1060000		775000		1100000			
PCB-110	38380-03-9	ppt-TOC	719000		918000		1130000															
PCB-111/115	PCB-111/115	ppt-TOC	12700		15100		17300															
PCB-113	68194-10-5	ppt-TOC	1870		3590		1150	U														
PCB-114	74472-37-0	ppt-TOC	12400		15000		18900		12400		35700		36400		62500		47500		50000			
PCB-119	56558-17-9	ppt-TOC	20600		28000		34600															
PCB-12/13	PCB-12/13	ppt-TOC	83900		103000		116000		37800		82100		145000		375000		350000		310000			
PCB-120	68194-12-7	ppt-TOC	1800		3710		6970		1870		14300	U	10500	U	10600	U	12000	U	10200	U		
PCB-121	56558-18-0	ppt-TOC	1180	U	1230	U	1150	U	4440	U	14300	U	10500	U	10600	U	12000	U	10200	U		
PCB-122	76842-07-4	ppt-TOC	7330		9180		10700		6670		20400		27300		37500		35000		31000			
PCB-123	65510-44-3	ppt-TOC	12000		15600		16800		8440		23200		22700		35400		32500		35700			
PCB-124	70424-70-3	ppt-TOC	20200		27200		31400															
PCB-126	57465-28-8	ppt-TOC	3470		4120		5290		2440		21100		25000		25000		35000		23600			
PCB-127	39635-33-1	ppt-TOC	1180	U	1230	U	1150	U	4440	U	1570		1800		3330		3250		2860			
PCB-128/162	PCB-128/162	ppt-TOC	81900		120000		146000															
PCB-129	55215-18-4	ppt-TOC	20200		29100		34900															
PCB-130	52663-66-8	ppt-TOC	37500		56500		68300		31100		75000		93200		125000		148000		136000			
PCB-131	61798-70-7	ppt-TOC	1180	U	1230	U	1150	U	5330		17100		20900		29200		32500		31000			
PCB-132/161	38380-05-1/7447	ppt-TOC	151000		229000		286000															
PCB-133/142	PCB-133/142	ppt-TOC	16600		24700		30600															
PCB-134/143	PCB-134/143	ppt-TOC	27500		41200		52900		26700		71400		86400		110000		130000		119000			
PCB-135	52744-13-5	ppt-TOC	74400		101000		146000															
PCB-136	38411-22-2	ppt-TOC	73300		100000		141000		60000		179000		209000		271000		325000		310000			
PCB-137	35694-06-5	ppt-TOC	23800		34400		38600		20200		53600		70500		104000		105000		92900			
PCB-138/163/164	35065-28-2/7447	ppt-TOC	583000		868000		1080000															
PCB-139/149	PCB-139/149	ppt-TOC	483000		644000		911000															
PCB-14	34883-41-5	ppt-TOC	2360	U	2470	U	2300	U	4440	U	14300	U	10500	U	1040		12000	U	10200	U		
PCB-140	59291-64-4	ppt-TOC	4360		6120		7800															
PCB-141	52712-04-6	ppt-TOC	98100		142000		187000		82200		214000		273000		354000		425000		381000			
PCB-144	68194-14-9	ppt-TOC	26000		35600		45700		22200		67900		81800		106000		133000		119000			
PCB-145	74472-40-5	ppt-TOC	1180	U	282		294		8670	U	28600	U	1090		958		23800	U	1140			
PCB-146/165	51908-16-8/7447	ppt-TOC	92200		139000		176000															
PCB-147	68194-13-8	ppt-TOC	16700		21800		26400															
PCB-148	74472-41-6	ppt-TOC	1830		2600		2780		8670	U	3000		2500		3540		1150		3330			
PCB-15	2050-68-2	ppt-TOC	539000		576000		640000		333000		643000		773000		1520000		1500000		1260000			
PCB-150	68194-08-1	ppt-TOC	2460		2970		4200		2440		5710		4090		4790		6000		13300			
PCB-151	52663-63-5	ppt-TOC	134000		183000		260000															
PCB-152	68194-09-2	ppt-TOC	722		956		1150	U	8670	U	28600	U	1520		1520		1800		1670			
PCB-153	35065-27-1	ppt-TOC	583000		876000		1120000															
PCB-154	60145-22-4	ppt-TOC	14800		17700		25500															
PCB-155	33979-03-2	ppt-TOC	2500		3470		4310		4440		17500		70500		177000		25000		2050			
PCB-156	38380-08-4	ppt-TOC	46900		73200		87700															
PCB-157	69782-90-7	ppt-TOC	11300		17400		20200															
PCB-158/160	74472-42-7/4141	ppt-TOC	60300		88500		110000															
PCB-159	39635-35-3	ppt-TOC	6970		11400		14700		4670		13600		14800		18300		20000		20500			
PCB-16/32	PCB-16/32	ppt-TOC	237000		290000		366000															
PCB-166	41411-63-6	ppt-TOC	1940		2720		2890															
PCB-167	52663-72-6	ppt-TOC	22200		33500		39700		18700		39300		47700		66700		72500		66700			
PCB-168	59291-65-5	ppt-TOC	1860		2370		2850															
PCB-169	32774-16-6	ppt-TOC	1180	U	1230		1150	U	8670	U	8570		10500		12900		13300		11900			
PCB-17	37680-66-3	ppt-TOC	177000		220000		274000		133000		350000		682000		1830000		1880000		1620000			
PCB-170	35065-30-6	ppt-TOC	163000		215000		303000		131000		254000		341000		417000		475000		381000			
PCB-171	52663-71-5	ppt-TOC	47500		61200		87100															

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED068		NB01SED068		NB01SED068		NB901		NB901		NB901		NB901		NB901		NB901		NB901			
		Sample Name	NB01SED068B-04		NB01SED068B-05		NB01SED068B-06		6JMS00021		6JMS00022		6JMS00023		6JMS00024		6JMS00025		6JMS00026			
		Date Collected	10/30/2005		10/30/2005		10/30/2005		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998			
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.3		0.0-0.7		0.7-1.3		1.3-2.3		2.3-3.0		3.0-3.9			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-172	52663-74-8	ppt-TOC	29700		38500		52900		22000		50000		65900		79200		90000		78600			
PCB-173	68194-16-1	ppt-TOC	3640		4620		6460															
PCB-174	38411-25-5	ppt-TOC	174000		224000		331000		118000		271000		341000		417000		450000		405000			
PCB-175	40186-70-7	ppt-TOC	9860		12800		20400		6670		13900		18900		20800		25000		22900			
PCB-176	52663-65-7	ppt-TOC	27100		35000		49700		20000		46400		61400		70800		85000		73800			
PCB-177	52663-70-4	ppt-TOC	119000		155000		219000		82200		189000		250000		292000		325000		286000			
PCB-178	52663-67-9	ppt-TOC	45600		60600		86900		31100		75000		95500		104000		130000		107000			
PCB-179	52663-64-6	ppt-TOC	102000		131000		191000		62200		150000		195000		229000		275000		231000			
PCB-18	37680-65-2	ppt-TOC	319000		382000		497000		267000		607000		1250000		3540000		3000000		2860000			
PCB-180	35065-29-3	ppt-TOC	442000		568000		814000															
PCB-181	74472-47-2	ppt-TOC	1190		1660		2090		8670	U	2070		3410		3330		4750		4520			
PCB-182/187	PCB-182/187	ppt-TOC	303000		397000		560000															
PCB-183	52663-69-1	ppt-TOC	124000		163000		235000		82200		200000		273000		313000		375000		310000			
PCB-184	74472-48-3	ppt-TOC	928		1150		1450		8670	U	1390		3180		9580		23800	U	1290			
PCB-185	52712-05-7	ppt-TOC	20300		26100		38000		11100		29300		38600		45800		52500		47600			
PCB-186	74472-49-4	ppt-TOC	1180	U	1230	U	1150	U	8670	U	28600	U	21100	U	20800	U	23800	U	20500	U		
PCB-188	74487-85-7	ppt-TOC	1080		1220		1510		8670	U	1210		1090		1060		1280		1120			
PCB-189	39635-31-9	ppt-TOC	6330		8290		11200		5110		28600	U	21100	U	20800	U	23800	U	20500	U		
PCB-19	38444-73-4	ppt-TOC	29700		37600		46000		24400		57100		97700		313000		275000		262000			
PCB-190	41411-64-7	ppt-TOC	35000		45300		61400		22200		67900		90900		106000		123000		105000			
PCB-191	74472-50-7	ppt-TOC	6970		8680		12700		6220		15700		22700		29200		30000		26200			
PCB-192	74472-51-8	ppt-TOC	1180	U	1230	U	1150	U	8670	U	28600	U	21100	U	20800	U	23800	U	20500	U		
PCB-193	69782-91-8	ppt-TOC	22200		28200		38600															
PCB-194	35694-08-7	ppt-TOC	112000		147000		193000		93300		229000		227000		292000		325000		333000			
PCB-195	52663-78-2	ppt-TOC	41100		53500		78600		33300		71400		72700		91700		103000		107000			
PCB-196/203	PCB-196/203	ppt-TOC	146000		192000		249000															
PCB-197	33091-17-7	ppt-TOC	4810		6150		8340		3560		10400		11100		13500		14800		15700			
PCB-198	68194-17-2	ppt-TOC	7170		8260		13800															
PCB-199	52663-75-9	ppt-TOC	146000		189000		241000															
PCB-2	2051-61-8	ppt-TOC	11100		18000		16400		7780		15400		18000		22900		20500		22900			
PCB-20/21/33	38444-84-7/5570	ppt-TOC	198000		208000		277000															
PCB-200	52663-73-7	ppt-TOC	14100		18100		24100		12700		27100		27300		35400		35000		38100			
PCB-201	40186-71-8	ppt-TOC	19700		26400		33700		17600		42900		43200		50000		57500		59500			
PCB-202	2136-99-4	ppt-TOC	45000		59400		70300		40000		96400		88600		102000		118000		117000			
PCB-204	74472-52-9	ppt-TOC	1180	U	1230	U	1150	U	8670	U	28600	U	21100	U	20800	U	23800	U	20500	U		
PCB-205	74472-53-0	ppt-TOC	4970		6150		8570		5560		10700		10700		12900		14300		14800			
PCB-206	40186-72-9	ppt-TOC	118000		144000		173000		75600		196000		202000		250000		275000		226000			
PCB-207	52663-79-3	ppt-TOC	10400		13600		16200		7780		18900		20200		25000		27500		23800			
PCB-208	52663-77-1	ppt-TOC	38900		49400		56600		31100		71400		70500		81300		87500		73800			
PCB-209	2051-24-3	ppt-TOC	108000		137000		166000		60000		121000		141000		177000		180000		150000			
PCB-22	38444-85-8	ppt-TOC	191000		211000		280000		158000		357000		636000		1500000		1480000		1170000			
PCB-23	55720-44-0	ppt-TOC	367		518		663		4440	U	14300	U	1590		3960		3250		2260			
PCB-24/27	PCB-24/27	ppt-TOC	43900		55600		64000															
PCB-25	55712-37-3	ppt-TOC	121000		135000		163000		68900		143000		205000		417000		450000		381000			
PCB-26	38444-81-4	ppt-TOC	163000		179000		214000															
PCB-28	7012-37-5	ppt-TOC	936000		1090000		1330000															
PCB-29	15862-07-4	ppt-TOC	1930		1810		2330															
PCB-3	2051-62-9	ppt-TOC	27600		37600		36600		16400		42900		52300		100000		77500		95200			
PCB-30	35693-92-6	ppt-TOC	1180	U	1230	U	1150	U	4440	U	14300	U	10500	U	3540		2400		2380			
PCB-31	16606-02-3	ppt-TOC	619000		721000		951000		511000		1180000		1980000		4380000		4500000		3810000			
PCB-34	37680-68-5	ppt-TOC	4670		5680		7940		3110		6430		10000		20800		22800		23800			
PCB-35	37680-69-6	ppt-TOC	25800		32400		42300		26700		42900		70500		119000		110000		102000			
PCB-36	38444-87-0	ppt-TOC	1550		1840		2040		4440	U	14300	U	10500	U	10600	U	12000	U	10200	U		
PCB-37	38444-90-5	ppt-TOC	314000		353000		403000		267000		821000		1000000		1670000		1880000		1620000			
PCB-38	53555-66-1	ppt-TOC	5080		5590		7940		4440	U	14300	U	10500	U	10600	U	12000	U	10200	U		
PCB-39	38444-88-1	ppt-TOC	2940		3760		4860		3780		9290		14500		31300		32500		28600			
PCB-4/10	PCB-4/10	ppt-TOC	95600		104000		115000															
PCB-40	38444-93-8	ppt-TOC	116000		165000		201000															
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	567000		803000		966000															
PCB-42/59	36559-22-5/7447	ppt-TOC	241000		344000		411000															
PCB-43/49	PCB-43/49	ppt-TOC	633000		906000		1080000															

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB01SED068		NB01SED068		NB01SED068		NB901		NB901		NB901		NB901		NB901		NB901		NB901			
		Sample Name	NB01SED068B-04		NB01SED068B-05		NB01SED068B-06		6JMS00021		6JMS00022		6JMS00023		6JMS00024		6JMS00025		6JMS00026			
		Date Collected	10/30/2005		10/30/2005		10/30/2005		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998			
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.3		0.0-0.7		0.7-1.3		1.3-2.3		2.3-3.0		3.0-3.9			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-44	41464-39-5	ppt-TOC	606000		859000		1060000															
PCB-45	70362-45-7	ppt-TOC	79700		111000		144000															
PCB-46	41464-47-5	ppt-TOC	36400		48800		61700		31100		78600		118000		292000		250000		212000			
PCB-47	2437-79-8	ppt-TOC	294000		426000		509000															
PCB-48/75	70362-47-9/3259	ppt-TOC	125000		174000		230000															
PCB-5/8	PCB-5/8	ppt-TOC	215000		225000		263000															
PCB-50	62796-65-0	ppt-TOC	1820		3000		3460															
PCB-51	68194-04-7	ppt-TOC	38900		57100		74600															
PCB-52/69	35693-99-3/6023	ppt-TOC	706000		1010000		1240000															
PCB-53	41464-41-9	ppt-TOC	91400		132000		161000															
PCB-54	15968-05-5	ppt-TOC	1710		2770		4000		867	U	5000		5680		11700		9500		8100			
PCB-55	74338-24-2	ppt-TOC	8420		10200		12100		12000		57100		65900		91700		115000		92900			
PCB-56/60	PCB-56/60	ppt-TOC	397000		521000		634000															
PCB-57	70424-67-8	ppt-TOC	5110		7060		8230		3560		9640		13400		25000		25000		20200			
PCB-58	41464-49-7	ppt-TOC	2590		4060		5260		867	U	78600		97700		148000		165000		152000			
PCB-6	25569-80-6	ppt-TOC	65800		73200		80000		24400		53600		68200		250000		218000		148000			
PCB-61/70	PCB-61/70	ppt-TOC	686000		885000		1100000															
PCB-62	54230-22-7	ppt-TOC	1180	U	1230	U	1150	U														
PCB-63	74472-34-7	ppt-TOC	28900		38800		47700		21100		64300		86400		146000		153000		145000			
PCB-65	33284-54-7	ppt-TOC	1180	U	1230	U	1390															
PCB-67	73575-53-8	ppt-TOC	24900		32900		39700		19100		50000		65900		108000		118000		107000			
PCB-68	73575-52-7	ppt-TOC	8030		13000		11500		4000		12900		12300		17500		22300		18300			
PCB-7/9	PCB-7/9	ppt-TOC	14100		13500		17500															
PCB-73	74338-23-1	ppt-TOC	1180	U	1230	U	1150	U	2440		2860	U	2110	U	2080	U	2380	U	2050	U		
PCB-74	32690-93-0	ppt-TOC	325000		441000		557000															
PCB-76/66	PCB-76/66	ppt-TOC	711000		953000		1210000															
PCB-77	32598-13-3	ppt-TOC	94400		127000		156000		109000		189000		227000		333000		350000		333000			
PCB-78	70362-49-1	ppt-TOC	1180	U	1230	U	1150	U	867	U	2860	U	1300		2080		2230		2360			
PCB-79	41464-48-6	ppt-TOC	7330		11300		13400		6890		30700		36400		54200		55000		57100			
PCB-80	33284-52-5	ppt-TOC	1180	U	1230	U	1150	U	867	U	3570		4320		12700		7750		5480			
PCB-81	70362-50-4	ppt-TOC	1390		3650		3510		867	U	6430		7500		10400		12000		11900			
PCB-82	52663-62-4	ppt-TOC	78300		98200		115000		75600		221000		273000		354000		350000		357000			
PCB-83	60145-20-2	ppt-TOC	1180	U	803		869															
PCB-84/92	52663-60-2/5266	ppt-TOC	269000		347000		443000															
PCB-85/116	PCB-85/116	ppt-TOC	116000		148000		178000															
PCB-86	55312-69-1	ppt-TOC	4330		4970		5830															
PCB-87/117/125	38380-02-8/6819	ppt-TOC	216000		270000		326000															
PCB-88/91	PCB-88/91	ppt-TOC	117000		149000		186000		93300		261000		318000		458000		525000		548000			
PCB-89	73575-57-2	ppt-TOC	11000		12800		15700		9330		28600		36400		52100		52500		54800			
PCB-90/101	PCB-90/101	ppt-TOC	639000		835000		1040000															
PCB-93	73575-56-1	ppt-TOC	1180	U	1230	U	1150	U														
PCB-94	73575-55-0	ppt-TOC	5750		7290		8970		6000		13200		15200		22900		23800		21700			
PCB-95/98/102	38379-99-6/6023	ppt-TOC	483000		621000		789000															
PCB-96	73575-54-9	ppt-TOC	7670		8740		9460		3560		16800		22700		41700		40000		38100			
PCB-97	41464-51-1	ppt-TOC	208000		269000		331000															
PCB-99	38380-01-7	ppt-TOC	342000		447000		554000															
Total PCB Congeners (209)	No CAS	ppt-TOC	19900000		26000000		32600000		16200000		40400000		55000000		96000000		99300000		91900000			
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	14800000		19700000		24700000															

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB901		NB901		NB901		NB901		NBA06		NWB01		NWB01		NWB01		NWB01	
		Sample Name	6JMS00027		6JMS00028		6JMS00029		6JMS00030		1JMS00007		1JMS00233		1JMS00234		1JMS00235		1JMS00236	
		Date Collected	9/24/1998		9/24/1998		9/24/1998		9/24/1998		7/13/1999		11/13/2001		11/13/2001		11/13/2001		11/13/2001	
		Depth	3.9-4.9		4.9-5.6		5.6-6.6		6.6-7.5		0.0-0.3		0.0-0.2		0.3		0.3-0.7		0.7-1.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	100000		140000		58800		127000		32500		59900		37200		17900		26600	
PCB-100	39485-83-1	ppt-TOC																		
PCB-103	60145-21-3	ppt-TOC	46500		53200		20800		33300		13000		9880		13100		12100		11800	
PCB-104	56558-16-8	ppt-TOC	10200	U	532		14200	U	25000	U	1750	U	617		803	U	290	U	473	U
PCB-105	32598-14-4	ppt-TOC	1190000		1490000		1130000		1940000		519000		241000		343000		357000		379000	
PCB-106/118	PCB-106/118	ppt-TOC																		
PCB-107/109	70424-68-9/7447	ppt-TOC																		
PCB-108/112	70362-41-3/7447	ppt-TOC																		
PCB-11	2050-67-1	ppt-TOC	1280000		1530000		1210000		2080000		474000		284000		277000		469000		462000	
PCB-110	38380-03-9	ppt-TOC																		
PCB-111/115	PCB-111/115	ppt-TOC																		
PCB-113	68194-10-5	ppt-TOC																		
PCB-114	74472-37-0	ppt-TOC	93000		119000		65000		127000		27900		13600		19000		22700		21300	
PCB-119	56558-17-9	ppt-TOC																		
PCB-12/13	PCB-12/13	ppt-TOC	279000		298000		152000		229000		90900		123000		117000		135000		148000	
PCB-120	68194-12-7	ppt-TOC	10200	U	9360	U	5240		6250		2270	U	3090		3500		2270		2780	
PCB-121	56558-18-0	ppt-TOC	10200	U	9360	U	14200	U	25000	U	2140	U	309	U	365	U	145	U	178	U
PCB-122	76842-07-4	ppt-TOC	51200		61700		33400		60400		17500		9260		12400		14500		5740	U
PCB-123	65510-44-3	ppt-TOC	53500		57400		39200		70800		20800		8640		12400		13500		16600	
PCB-124	70424-70-3	ppt-TOC																		
PCB-126	57465-28-8	ppt-TOC	25600		34000		23600		39600		5390		2590	U	2550	U	2080	U	5500	U
PCB-127	39635-33-1	ppt-TOC	5120		6600		2600		5210		5190	U	2780	U	2700	U	2220	U	5860	U
PCB-128/162	PCB-128/162	ppt-TOC																		
PCB-129	55215-18-4	ppt-TOC																		
PCB-130	52663-66-8	ppt-TOC	193000		255000		139000		229000		71400		45700		61300		53100		65100	
PCB-131	61798-70-7	ppt-TOC	51200		66000		31600		54200		14900		6170		10200		9660		10100	
PCB-132/161	38380-05-1/7447	ppt-TOC																		
PCB-133/142	PCB-133/142	ppt-TOC																		
PCB-134/143	PCB-134/143	ppt-TOC	174000		255000		127000		206000		57800		32700		48200		47800		50900	
PCB-135	52744-13-5	ppt-TOC																		
PCB-136	38411-22-2	ppt-TOC	465000		596000		304000		500000		156000		80200		117000		101000		112000	
PCB-137	35694-06-5	ppt-TOC	147000		211000		108000		196000		52600		27200		35000		31900		43200	
PCB-138/163/164	35065-28-2/7447	ppt-TOC																		
PCB-139/149	PCB-139/149	ppt-TOC																		
PCB-14	34883-41-5	ppt-TOC	1330		1360		14200	U	25000	U	5520	U	432	U	657	U	1110	U	2310	U
PCB-140	59291-64-4	ppt-TOC																		
PCB-141	52712-04-6	ppt-TOC	535000		723000		410000		688000		195000		92600		146000		150000		154000	
PCB-144	68194-14-9	ppt-TOC	174000		213000		105000		163000		41600		27200		39400		29500		37900	
PCB-145	74472-40-5	ppt-TOC	1910		18500	U	28000	U	50000	U	1950	U	185	U	219	U	145	U	178	U
PCB-146/165	51908-16-8/7447	ppt-TOC																		
PCB-147	68194-13-8	ppt-TOC																		
PCB-148	74472-41-6	ppt-TOC	4190		5110		1910		2920		2600	U	1600		1610	U	1110		1070	U
PCB-15	2050-68-2	ppt-TOC	1860000		1790000		1060000		2290000		714000		741000		730000		483000		592000	
PCB-150	68194-08-1	ppt-TOC	8140		9790		3640		5000		3440		2040		2550		2170		2250	
PCB-151	52663-63-5	ppt-TOC																		
PCB-152	68194-09-2	ppt-TOC	2790		4680		2000		3750		1750	U	926		1020	U	725		1010	
PCB-153	35065-27-1	ppt-TOC																		
PCB-154	60145-22-4	ppt-TOC									14900		12300		14600		10600		13000	
PCB-155	33979-03-2	ppt-TOC	1140		936		28000	U	50000	U	7140		2350		4310		4490		7100	
PCB-156	38380-08-4	ppt-TOC																		
PCB-157	69782-90-7	ppt-TOC																		
PCB-158/160	74472-42-7/4141	ppt-TOC																		
PCB-159	39635-35-3	ppt-TOC	27900		36200		15700		22900		9090		4140		730	U	8210		6510	
PCB-16/32	PCB-16/32	ppt-TOC																		
PCB-166	41411-63-6	ppt-TOC																		
PCB-167	52663-72-6	ppt-TOC	90700		123000		77000		138000		48700		25300		37200		36200		36700	
PCB-168	59291-65-5	ppt-TOC																		
PCB-169	32774-16-6	ppt-TOC	18400		18500		3060		6670		2470	U	1170	U	803	U	2800		6510	U
PCB-17	37680-66-3	ppt-TOC	2790000		2770000		1730000		3130000		396000		235000		270000		338000		325000	
PCB-170	35065-30-6	ppt-TOC	558000		660000		368000		667000		260000		136000		197000		198000		225000	
PCB-171	52663-71-5	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB901		NB901		NB901		NB901		NBA06		NWB01		NWB01		NWB01		NWB01	
		Sample Name	6JMS00027		6JMS00028		6JMS00029		6JMS00030		1JMS00007		1JMS00233		1JMS00234		1JMS00235		1JMS00236	
		Date Collected	9/24/1998		9/24/1998		9/24/1998		9/24/1998		7/13/1999		11/13/2001		11/13/2001		11/13/2001		11/13/2001	
		Depth	3.9-4.9		4.9-5.6		5.6-6.6		6.6-7.5		0.0-0.3		0.0-0.2		0.3		0.3-0.7		0.7-1.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC	112000		130000		58600		108000		42900		25900		36500		37700		42600	
PCB-173	68194-16-1	ppt-TOC																		
PCB-174	38411-25-5	ppt-TOC	605000		723000		374000		688000		240000		142000		212000		213000		249000	
PCB-175	40186-70-7	ppt-TOC	30200		38300		15500		31300		13600		8020		12400		8700		13000	
PCB-176	52663-65-7	ppt-TOC	102000		119000		51000		89600		42900		23500		35800		30400		37300	
PCB-177	52663-70-4	ppt-TOC	395000		468000		216000		417000		162000		111000		161000		150000		178000	
PCB-178	52663-67-9	ppt-TOC	149000		172000		74800		138000		64900		43800		59100		48300		58000	
PCB-179	52663-64-6	ppt-TOC	326000		383000		179000		313000		143000		86400		124000		101000		124000	
PCB-18	37680-65-2	ppt-TOC	5120000		5320000		14200	U	25000	U										
PCB-180	35065-29-3	ppt-TOC																		
PCB-181	74472-47-2	ppt-TOC	7910		7870		3580		5630		2790	U	247	U	949	U	1790		473	U
PCB-182/187	PCB-182/187	ppt-TOC																		
PCB-183	52663-69-1	ppt-TOC	442000		511000		28000	U	50000	U	188000		136000		190000		174000		225000	
PCB-184	74472-48-3	ppt-TOC	3020		1280		28000	U	50000	U	2400	U	494		657		483		355	U
PCB-185	52712-05-7	ppt-TOC	69800		80900		274000		479000		24700		247	U	365	U	193	U	533	U
PCB-186	74472-49-4	ppt-TOC	20200	U	18500	U	28000	U	50000	U	2660	U	247	U	219	U	145	U	237	U
PCB-188	74487-85-7	ppt-TOC	1530		2110		868		1020		2470	U	741		803		531		828	
PCB-189	39635-31-9	ppt-TOC	20200	U	18500	U	14500		25000		10400		6050		8760		7730		8280	
PCB-19	38444-73-4	ppt-TOC	395000		383000		264000		417000		71400		40100		46700		67600		59200	
PCB-190	41411-64-7	ppt-TOC	151000		174000		62000		125000		46800		28400		39400		39600		45000	
PCB-191	74472-50-7	ppt-TOC	34900		44700		13200		25000		10400		5560		8760		8700		9470	
PCB-192	74472-51-8	ppt-TOC	20200	U	18500	U	28000	U	50000	U	2270	U	185	U	292	U	145	U	414	U
PCB-193	69782-91-8	ppt-TOC																		
PCB-194	35694-08-7	ppt-TOC	442000		489000		184000		271000		188000		105000		131000		126000		160000	
PCB-195	52663-78-2	ppt-TOC	147000		149000		63000		104000		56500		34600		46000		46400		58600	
PCB-196/203	PCB-196/203	ppt-TOC																		
PCB-197	33091-17-7	ppt-TOC	21200		21100		27600		39600		7790		4510		5470		4300		7100	
PCB-198	68194-17-2	ppt-TOC																		
PCB-199	52663-75-9	ppt-TOC									36400		21600		27000		23200		30800	
PCB-2	2051-61-8	ppt-TOC	25600		61700		33800		104000		34400		21000		17500		19800		27800	
PCB-20/21/33	38444-84-7/5570	ppt-TOC																		
PCB-200	52663-73-7	ppt-TOC	58100		61700		28000	U	50000	U										
PCB-201	40186-71-8	ppt-TOC	81400		83000		30400		43800		21400		13000		17500		15500		18900	
PCB-202	2136-99-4	ppt-TOC	156000		166000		69000		85400		90900		51200		58400		53100		65100	
PCB-204	74472-52-9	ppt-TOC	20200	U	18500	U	28000	U	50000	U	2270	U	185	U	219	U	145	U	118	U
PCB-205	74472-53-0	ppt-TOC	20700		23400		7680		11300		8440		4750		6500		5800		7100	
PCB-206	40186-72-9	ppt-TOC	279000		340000		177000		206000		253000		123000		153000		121000		160000	
PCB-207	52663-79-3	ppt-TOC	30200		38300		18400		22900		20800		14800		19000		15000		18300	
PCB-208	52663-77-1	ppt-TOC	95300		106000		72400		68800		90900		52500		67200		53100		71000	
PCB-209	2051-24-3	ppt-TOC	209000		234000		266000		250000		227000		136000		204000		164000		201000	
PCB-22	38444-85-8	ppt-TOC	1950000		2040000		1610000		2920000		474000		241000		292000		444000		402000	
PCB-23	55720-44-0	ppt-TOC	3720		4680		2380		5000		3570	U	926	U	730	U	2900	U	828	U
PCB-24/27	PCB-24/27	ppt-TOC																		
PCB-25	55712-37-3	ppt-TOC	535000		489000		308000		521000		136000		130000		139000		140000		148000	
PCB-26	38444-81-4	ppt-TOC																		
PCB-28	7012-37-5	ppt-TOC																		
PCB-29	15862-07-4	ppt-TOC																		
PCB-3	2051-62-9	ppt-TOC	130000		194000		50800		125000		49400		45700		40100		34300		39100	
PCB-30	35693-92-6	ppt-TOC	3020		2770		3760000		6880000											
PCB-31	16606-02-3	ppt-TOC	5810000		6170000		4380000		8130000		1360000		926000		1020000		1350000		1300000	
PCB-34	37680-68-5	ppt-TOC	39500		36200		18600		29200		7140		5740		7150		7730		8880	
PCB-35	37680-69-6	ppt-TOC	179000		174000		99000		194000		57800		40700		45300		58000		56800	
PCB-36	38444-87-0	ppt-TOC	10200	U	9360	U	14200	U	25000	U	3050	U	802	U	657	U	2560	U	710	U
PCB-37	38444-90-5	ppt-TOC	2790000		2550000		1120000		2060000		623000		451000		496000		425000		450000	
PCB-38	53555-66-1	ppt-TOC	10200	U	9360	U	2040		3330		3250	U	926	U	803	U	2950	U	828	U
PCB-39	38444-88-1	ppt-TOC	53500		51100		18100		29200		9740		5060		6200		7250		7100	
PCB-4/10	PCB-4/10	ppt-TOC																		
PCB-40	38444-93-8	ppt-TOC																		
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC																		
PCB-42/59	36559-22-5/7447	ppt-TOC																		
PCB-43/49	PCB-43/49	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	NB901		NB901		NB901		NB901		NBA06		NWB01		NWB01		NWB01		NWB01					
		Sample Name	6JMS00027		6JMS00028		6JMS00029		6JMS00030		1JMS00007		1JMS00233		1JMS00234		1JMS00235		1JMS00236					
		Date Collected	9/24/1998		9/24/1998		9/24/1998		9/24/1998		7/13/1999		11/13/2001		11/13/2001		11/13/2001		11/13/2001					
		Depth	3.9-4.9		4.9-5.6		5.6-6.6		6.6-7.5		0.0-0.3		0.0-0.2		0.3		0.3-0.7		0.7-1.3					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-44	41464-39-5	ppt-TOC																						
PCB-45	70362-45-7	ppt-TOC									260000		86400		131000		179000		183000					
PCB-46	41464-47-5	ppt-TOC	372000		468000		238000		458000		84400		32100		46000		58000		59200					
PCB-47	2437-79-8	ppt-TOC																						
PCB-48/75	70362-47-9/3259	ppt-TOC																						
PCB-5/8	PCB-5/8	ppt-TOC																						
PCB-50	62796-65-0	ppt-TOC																						
PCB-51	68194-04-7	ppt-TOC									260000		86400		131000		179000		183000					
PCB-52/69	35693-99-3/6023	ppt-TOC																						
PCB-53	41464-41-9	ppt-TOC																						
PCB-54	15968-05-5	ppt-TOC	12300		13600		3700		7710		3900		1980		2850		2660		3080					
PCB-55	74338-24-2	ppt-TOC	137000		168000		32800		97900		16200		5370	U	10900	U	4830	U	1600000					
PCB-56/60	PCB-56/60	ppt-TOC																						
PCB-57	70424-67-8	ppt-TOC	30200		38300		11200		27100		7790		5370	U	10900	U	6280		10700					
PCB-58	41464-49-7	ppt-TOC	233000		319000		57400		117000		45500		5000	U	10200	U	24600		23100					
PCB-6	25569-80-6	ppt-TOC	221000		277000		214000		354000		90900		92600		80300		62800		65100					
PCB-61/70	PCB-61/70	ppt-TOC																						
PCB-62	54230-22-7	ppt-TOC																						
PCB-63	74472-34-7	ppt-TOC	226000		298000		121000		229000		55200		38300		50400		58000		59200					
PCB-65	33284-54-7	ppt-TOC																						
PCB-67	73575-53-8	ppt-TOC	191000		234000		92600		190000		44800		24700		34300		39100		41400					
PCB-68	73575-52-7	ppt-TOC	27900		31900		8340		11700		7790		8640		10200	U	11100		11800					
PCB-7/9	PCB-7/9	ppt-TOC																						
PCB-73	74338-23-1	ppt-TOC	2020	U	1850	U	2800	U	206000		2140	U	123	U	219	U	386	U	237	U				
PCB-74	32690-93-0	ppt-TOC																						
PCB-76/66	PCB-76/66	ppt-TOC																						
PCB-77	32598-13-3	ppt-TOC	512000		617000		346000		708000		221000		117000		146000		159000		160000					
PCB-78	70362-49-1	ppt-TOC	3720		4890		2800	U	5000	U	3700	U	5990	U	12400	U	5310	U	1480	U				
PCB-79	41464-48-6	ppt-TOC	93000		119000		21600		100000		17500		4810	U	10200	U	9660		10700					
PCB-80	33284-52-5	ppt-TOC	5350		11700		2800	U	5000	U	3310	U	4630	U	9490	U	4150	U	3730					
PCB-81	70362-50-4	ppt-TOC	21900		23400		2800	U	5000	U	23400		4690	U	9490	U	14000		6510					
PCB-82	52663-62-4	ppt-TOC	628000		809000		406000		750000		175000		80200		117000		121000		130000					
PCB-83	60145-20-2	ppt-TOC																						
PCB-84/92	52663-60-2/5266	ppt-TOC																						
PCB-85/116	PCB-85/116	ppt-TOC																						
PCB-86	55312-69-1	ppt-TOC																						
PCB-87/117/125	38380-02-8/6819	ppt-TOC																						
PCB-88/91	PCB-88/91	ppt-TOC	837000		1020000		520000		875000															
PCB-89	73575-57-2	ppt-TOC	95300		123000		50000		93800		20800		9260		13900		14500		16000					
PCB-90/101	PCB-90/101	ppt-TOC																						
PCB-93	73575-56-1	ppt-TOC																						
PCB-94	73575-55-0	ppt-TOC	32600		38300		17300		31300		9740		6170		8760		6760		7100					
PCB-95/98/102	38379-99-6/6023	ppt-TOC																						
PCB-96	73575-54-9	ppt-TOC	10200	U	72300		28400		56300		13000		5190		8030		7250		8280					
PCB-97	41464-51-1	ppt-TOC																						
PCB-99	38380-01-7	ppt-TOC																						
Total PCB Congeners (209)	No CAS	ppt-TOC	143000000		171000000		96800000		175000000		38800000		21900000		28800000		31500000		34600000					
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC									28700000		16200000		21800000		23500000		24900000					

Table B-6
TOC-Normalized Congener PCBs

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Table B-6
TOC-Normalized Congener PCBs

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Table B-6
TOC-Normalized Congener PCBs

		Location ID	NWB01		NWB01		NWB01		NWB01A		NWB01A		NWB01A		NWB01A		NWB01A		PR0001SDM	
		Sample Name	1JMS00237		1JMS00238		1JMS00245		1JMS00152		1JMS00153		1JMS00154		1JMS00155		1JMS00156		PR0001SDM	
		Date Collected	11/13/2001		11/13/2001		11/13/2001		8/30/2000		8/30/2000		8/30/2000		8/30/2000		8/30/2000		5/23/2000	
		Depth	1.3-1.6		1.6-2.6		0.0-0.3		0.0-0.3		0.3		0.3-0.7		0.7-1.6		1.6-2.3		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC																	748000	
PCB-45	70362-45-7	ppt-TOC	14400		897		82900		90000		80400		142000		115000		163000			
PCB-46	41464-47-5	ppt-TOC	5300		345		23500		26300		25100		42900		33600		49000			
PCB-47	2437-79-8	ppt-TOC																		
PCB-48/75	70362-47-9/3259	ppt-TOC																		
PCB-5/8	PCB-5/8	ppt-TOC																		
PCB-50	62796-65-0	ppt-TOC																		
PCB-51	68194-04-7	ppt-TOC	14400		897		82900		90000		80400		142000		115000		163000			
PCB-52/69	35693-99-3/6023	ppt-TOC																		
PCB-53	41464-41-9	ppt-TOC																		
PCB-54	15968-05-5	ppt-TOC	227	U	207	U	1980		2500		2010		2580		1940		2860			
PCB-55	74338-24-2	ppt-TOC	90900		207	U	2210	U	567	U	628	U	730	U	9680		11800			
PCB-56/60	PCB-56/60	ppt-TOC																		
PCB-57	70424-67-8	ppt-TOC	303	U	207	U	5990		6670		5530		9870		5930		8980			
PCB-58	41464-49-7	ppt-TOC	1210		207	U	11500	U	533	U	37700		687	U	455	U	327	U		
PCB-6	25569-80-6	ppt-TOC	5830		207	U	120000		60000		57800		73000		53400		118000			
PCB-61/70	PCB-61/70	ppt-TOC																		
PCB-62	54230-22-7	ppt-TOC																		
PCB-63	74472-34-7	ppt-TOC	3480		276	U	34100		36700		32700		55800		37500		49000			
PCB-65	33284-54-7	ppt-TOC																		
PCB-67	73575-53-8	ppt-TOC	2270		138	U	23000		29000		30200		42100		23700		34700			
PCB-68	73575-52-7	ppt-TOC	1060		207	U	8760		8330		8040		11600		7710		8160			
PCB-7/9	PCB-7/9	ppt-TOC																		
PCB-73	74338-23-1	ppt-TOC	75.8	U	138	U	184	U	133	U	101	U	129	U	59.3	U	81.6	U		
PCB-74	32690-93-0	ppt-TOC																		
PCB-76/66	PCB-76/66	ppt-TOC																		
PCB-77	32598-13-3	ppt-TOC	12900		690		161000		137000		121000		176000		83000		110000		176000	
PCB-78	70362-49-1	ppt-TOC	379	U	207	U	2490	U	700	U	754	U	901	U	553	U	408	U		
PCB-79	41464-48-6	ppt-TOC	303	U	207	U	6450		7000		14600		9010		8300		7350			
PCB-80	33284-52-5	ppt-TOC	303	U	138	U	1750	U	467	U	503	U	601	U	395	U	286	U		
PCB-81	70362-50-4	ppt-TOC	303	U	138	U	4380		2570		1680		3090		5730		2200		15000	
PCB-82	52663-62-4	ppt-TOC	12900		552		73700		83300		163000		112000		69200		81600			
PCB-83	60145-20-2	ppt-TOC																		
PCB-84/92	52663-60-2/5266	ppt-TOC																		
PCB-85/116	PCB-85/116	ppt-TOC																		
PCB-86	55312-69-1	ppt-TOC																		
PCB-87/117/125	38380-02-8/6819	ppt-TOC																		
PCB-88/91	PCB-88/91	ppt-TOC																		
PCB-89	73575-57-2	ppt-TOC	1140		276	U	6910		8670		13600		13300		9090		10600			
PCB-90/101	PCB-90/101	ppt-TOC																	1110000	
PCB-93	73575-56-1	ppt-TOC																		
PCB-94	73575-55-0	ppt-TOC	455		207	U	4610		5330		7540		7300		4550		5310			
PCB-95/98/102	38379-99-6/6023	ppt-TOC																		
PCB-96	73575-54-9	ppt-TOC	682		138	U	4190		4670		8540		7300		4150		5310			
PCB-97	41464-51-1	ppt-TOC																		
PCB-99	38380-01-7	ppt-TOC																		
Total PCB Congeners (209)	No CAS	ppt-TOC	2810000		158000		20500000		19400000		27400000		27600000		18600000		23700000			
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	1950000		130000		15600000		15100000		20800000		20900000		13800000		17000000		24100000	

Table B-6
TOC-Normalized Congener PCBs

		Location ID	PR0002SDM		PR001		PR0013SDM		PR00SD13		PRA04		SD001-200		SD002-14H		SD002-890		SD003-550	
		Sample Name	PR0002SDM		6JMS00011		PR0013SDM		PR00SD13		1JMS00006		SD001-200-000005-203		SD002-14H-GRB005-11		SD002-890-GRB005-11		SD003-550-GRB005-11	
		Date Collected	5/24/2000		9/24/1998		5/23/2000		8/1/2000		7/13/1999		11/25/2003		4/22/2006		4/21/2006		4/21/2006	
		Depth	0.0-0.5		0.0-0.3		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC	22800		31400		23400		47600		43200									
PCB-100	39485-83-1	ppt-TOC																		
PCB-103	60145-21-3	ppt-TOC			28600						33500									
PCB-104	56558-16-8	ppt-TOC			4290						5760									
PCB-105	32598-14-4	ppt-TOC	444000		514000		468000		1090000		719000		3430000		433000		286000		119000	
PCB-106/118	PCB-106/118	ppt-TOC											8640000		1120000		1060000		330000	
PCB-107/109	70424-68-9/7447	ppt-TOC																		
PCB-108/112	70362-41-3/7447	ppt-TOC																		
PCB-11	2050-67-1	ppt-TOC			254000						396000									
PCB-110	38380-03-9	ppt-TOC																		
PCB-111/115	PCB-111/115	ppt-TOC																		
PCB-113	68194-10-5	ppt-TOC																		
PCB-114	74472-37-0	ppt-TOC	23700		34300		28200		54800		39600		236000		28200		18000		7490	
PCB-119	56558-17-9	ppt-TOC																		
PCB-12/13	PCB-12/13	ppt-TOC			62900						108000									
PCB-120	68194-12-7	ppt-TOC			4290						5040									
PCB-121	56558-18-0	ppt-TOC			5710	U					1010	U								
PCB-122	76842-07-4	ppt-TOC			21700						18300									
PCB-123	65510-44-3	ppt-TOC	17400		23400		20800		38600		28800		205000		24000		15300		6040	
PCB-124	70424-70-3	ppt-TOC																		
PCB-126	57465-28-8	ppt-TOC	14700	U	8000		11500	U	27900	U	6120		33200		6350		4770		1590	
PCB-127	39635-33-1	ppt-TOC			5710	U					4320	U								
PCB-128/162	PCB-128/162	ppt-TOC																		
PCB-129	55215-18-4	ppt-TOC																		
PCB-130	52663-66-8	ppt-TOC			103000						119000									
PCB-131	61798-70-7	ppt-TOC			23100						22300									
PCB-132/161	38380-05-1/7447	ppt-TOC																		
PCB-133/142	PCB-133/142	ppt-TOC																		
PCB-134/143	PCB-134/143	ppt-TOC			11400	U					97100									
PCB-135	52744-13-5	ppt-TOC																		
PCB-136	38411-22-2	ppt-TOC			274000						284000									
PCB-137	35694-06-5	ppt-TOC			62900						75500									
PCB-138/163/164	35065-28-2/7447	ppt-TOC																		
PCB-139/149	PCB-139/149	ppt-TOC																		
PCB-14	34883-41-5	ppt-TOC			5710	U					2450	U								
PCB-140	59291-64-4	ppt-TOC																		
PCB-141	52712-04-6	ppt-TOC			400000						360000									
PCB-144	68194-14-9	ppt-TOC			111000						79100									
PCB-145	74472-40-5	ppt-TOC			11400	U					1400	U								
PCB-146/165	51908-16-8/7447	ppt-TOC																		
PCB-147	68194-13-8	ppt-TOC																		
PCB-148	74472-41-6	ppt-TOC			4290						6470									
PCB-15	2050-68-2	ppt-TOC	477000		486000		427000		1010000		755000									
PCB-150	68194-08-1	ppt-TOC			8860						8630									
PCB-151	52663-63-5	ppt-TOC																		
PCB-152	68194-09-2	ppt-TOC			3430						4680									
PCB-153	35065-27-1	ppt-TOC	1080000				878000		1940000											
PCB-154	60145-22-4	ppt-TOC									43200									
PCB-155	33979-03-2	ppt-TOC			22000						35600									
PCB-156	38380-08-4	ppt-TOC	122000				99100		213000				618000		85400		99800		26200	
PCB-157	69782-90-7	ppt-TOC	20700				18100		38700				134000		18400		23100		5850	
PCB-158/160	74472-42-7/4141	ppt-TOC																		
PCB-159	39635-35-3	ppt-TOC			31400						20900									
PCB-16/32	PCB-16/32	ppt-TOC																		
PCB-166	41411-63-6	ppt-TOC																		
PCB-167	52663-72-6	ppt-TOC	48900		60000		40400		87100		79100		233000		39500		43000		11500	
PCB-168	59291-65-5	ppt-TOC																		
PCB-169	32774-16-6	ppt-TOC	14700	U	11400	U	11500	U	27900	U	3960		15500	U	436	U	250	U	75.1	
PCB-17	37680-66-3	ppt-TOC			343000						356000									
PCB-170	35065-30-6	ppt-TOC	292000		657000		200000		470000		576000		1180000							
PCB-171	52663-71-5	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	PR0002SDM		PR001		PR0013SDM		PR00SD13		PRA04		SD001-200		SD002-14H		SD002-890		SD003-550	
		Sample Name	PR0002SDM		6JMS00011		PR0013SDM		PR00SD13		1JMS00006		SD001-200-000005-203		SD002-14H-GRB005-11		SD002-890-GRB005-11		SD003-550-GRB005-11	
		Date Collected	5/24/2000		9/24/1998		5/23/2000		8/1/2000		7/13/1999		11/25/2003		4/22/2006		4/21/2006		4/21/2006	
		Depth	0.0-0.5		0.0-0.3		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC			117000						97100									
PCB-173	68194-16-1	ppt-TOC																		
PCB-174	38411-25-5	ppt-TOC			743000						576000									
PCB-175	40186-70-7	ppt-TOC			31400						28400									
PCB-176	52663-65-7	ppt-TOC			109000						89900									
PCB-177	52663-70-4	ppt-TOC			400000						360000									
PCB-178	52663-67-9	ppt-TOC			151000						144000									
PCB-179	52663-64-6	ppt-TOC			343000						295000									
PCB-18	37680-65-2	ppt-TOC	456000		800000		846000		2500000											
PCB-180	35065-29-3	ppt-TOC	958000				640000		1470000				2770000							
PCB-181	74472-47-2	ppt-TOC			4290						1980	U								
PCB-182/187	PCB-182/187	ppt-TOC																		
PCB-183	52663-69-1	ppt-TOC	246000		429000		168000		381000		396000									
PCB-184	74472-48-3	ppt-TOC	14700	U	2110		11500	U	27900	U	4320									
PCB-185	52712-05-7	ppt-TOC			74300						61200									
PCB-186	74472-49-4	ppt-TOC			11400	U					1470	U								
PCB-188	74487-85-7	ppt-TOC			1740						22700									
PCB-189	39635-31-9	ppt-TOC	14700	U	24900		11500	U	27900	U	21900		44000		7360		8390		2790	
PCB-19	38444-73-4	ppt-TOC			54300						61200									
PCB-190	41411-64-7	ppt-TOC			131000						108000									
PCB-191	74472-50-7	ppt-TOC			26900						21600									
PCB-192	74472-51-8	ppt-TOC			11400	U					1620	U								
PCB-193	69782-91-8	ppt-TOC																		
PCB-194	35694-08-7	ppt-TOC	224000		486000		156000		348000		360000									
PCB-195	52663-78-2	ppt-TOC	86200		200000		54100		124000		126000									
PCB-196/203	PCB-196/203	ppt-TOC																		
PCB-197	33091-17-7	ppt-TOC			18600						14700									
PCB-198	68194-17-2	ppt-TOC																		
PCB-199	52663-75-9	ppt-TOC									61200									
PCB-2	2051-61-8	ppt-TOC			14000						18700									
PCB-20/21/33	38444-84-7/5570	ppt-TOC																		
PCB-200	52663-73-7	ppt-TOC			65700															
PCB-201	40186-71-8	ppt-TOC			68600						46800									
PCB-202	2136-99-4	ppt-TOC	56200		120000		41300		90000		115000									
PCB-204	74472-52-9	ppt-TOC			11400	U					1260	U								
PCB-205	74472-53-0	ppt-TOC			25700						16200									
PCB-206	40186-72-9	ppt-TOC	163000		231000		151000		272000		255000									
PCB-207	52663-79-3	ppt-TOC	14700	U	27100		11500	U	27900	U	28800									
PCB-208	52663-77-1	ppt-TOC			65700						82700									
PCB-209	2051-24-3	ppt-TOC	114000		94300		93800		161000		201000		353000		79900		458000		40600	
PCB-22	38444-85-8	ppt-TOC			429000						432000									
PCB-23	55720-44-0	ppt-TOC			5710	U					1440	U								
PCB-24/27	PCB-24/27	ppt-TOC																		
PCB-25	55712-37-3	ppt-TOC			129000						155000									
PCB-26	38444-81-4	ppt-TOC																		
PCB-28	7012-37-5	ppt-TOC	2480000				3000000		3020000											
PCB-29	15862-07-4	ppt-TOC																		
PCB-3	2051-62-9	ppt-TOC	30900		42900		24800		57600		57600									
PCB-30	35693-92-6	ppt-TOC			5710	U														
PCB-31	16606-02-3	ppt-TOC			1260000						1290000									
PCB-34	37680-68-5	ppt-TOC			6570						6830									
PCB-35	37680-69-6	ppt-TOC			48600						68300									
PCB-36	38444-87-0	ppt-TOC			5710	U					1220	U								
PCB-37	38444-90-5	ppt-TOC			543000						612000									
PCB-38	53555-66-1	ppt-TOC			5710	U					1290	U								
PCB-39	38444-88-1	ppt-TOC			5710	U					11200									
PCB-4/10	PCB-4/10	ppt-TOC																		
PCB-40	38444-93-8	ppt-TOC																		
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC																		
PCB-42/59	36559-22-5/7447	ppt-TOC																		
PCB-43/49	PCB-43/49	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	PR0002SDM		PR001		PR0013SDM		PR00SD13		PRA04		SD001-200		SD002-14H		SD002-890		SD003-550	
		Sample Name	PR0002SDM		6JMS00011		PR0013SDM		PR00SD13		1JMS00006		SD001-200-000005-203		SD002-14H-GRB005-11		SD002-890-GRB005-11		SD003-550-GRB005-11	
		Date Collected	5/24/2000		9/24/1998		5/23/2000		8/1/2000		7/13/1999		11/25/2003		4/22/2006		4/21/2006		4/21/2006	
		Depth	0.0-0.5		0.0-0.3		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC	748000				1180000		3030000											
PCB-45	70362-45-7	ppt-TOC									396000									
PCB-46	41464-47-5	ppt-TOC			82900						89900									
PCB-47	2437-79-8	ppt-TOC																		
PCB-48/75	70362-47-9/3259	ppt-TOC																		
PCB-5/8	PCB-5/8	ppt-TOC																		
PCB-50	62796-65-0	ppt-TOC																		
PCB-51	68194-04-7	ppt-TOC									396000									
PCB-52/69	35693-99-3/6023	ppt-TOC																		
PCB-53	41464-41-9	ppt-TOC																		
PCB-54	15968-05-5	ppt-TOC			4570						14400									
PCB-55	74338-24-2	ppt-TOC			20000						15500									
PCB-56/60	PCB-56/60	ppt-TOC																		
PCB-57	70424-67-8	ppt-TOC			7710						12600									
PCB-58	41464-49-7	ppt-TOC			1140	U					57600									
PCB-6	25569-80-6	ppt-TOC			54300						93500									
PCB-61/70	PCB-61/70	ppt-TOC																		
PCB-62	54230-22-7	ppt-TOC																		
PCB-63	74472-34-7	ppt-TOC			51400						68300									
PCB-65	33284-54-7	ppt-TOC																		
PCB-67	73575-53-8	ppt-TOC			40000						50400									
PCB-68	73575-52-7	ppt-TOC			9710						13700									
PCB-7/9	PCB-7/9	ppt-TOC																		
PCB-73	74338-23-1	ppt-TOC			5710						1150	U								
PCB-74	32690-93-0	ppt-TOC																		
PCB-76/66	PCB-76/66	ppt-TOC																		
PCB-77	32598-13-3	ppt-TOC	160000		140000		183000		432000		284000		1860000		207000		89200		45300	
PCB-78	70362-49-1	ppt-TOC			1140	U					3130	U								
PCB-79	41464-48-6	ppt-TOC			18000						22300									
PCB-80	33284-52-5	ppt-TOC			1140	U					2770	U								
PCB-81	70362-50-4	ppt-TOC	18600		1140	U	19900		43300		34200		179000		20300		3280		1150	
PCB-82	52663-62-4	ppt-TOC			194000						223000									
PCB-83	60145-20-2	ppt-TOC																		
PCB-84/92	52663-60-2/5266	ppt-TOC																		
PCB-85/116	PCB-85/116	ppt-TOC																		
PCB-86	55312-69-1	ppt-TOC																		
PCB-87/117/125	38380-02-8/6819	ppt-TOC																		
PCB-88/91	PCB-88/91	ppt-TOC			271000															
PCB-89	73575-57-2	ppt-TOC			28600						28100									
PCB-90/101	PCB-90/101	ppt-TOC	1230000				1290000		2570000											
PCB-93	73575-56-1	ppt-TOC																		
PCB-94	73575-55-0	ppt-TOC			16900						22700									
PCB-95/98/102	38379-99-6/6023	ppt-TOC																		
PCB-96	73575-54-9	ppt-TOC			17100						20100									
PCB-97	41464-51-1	ppt-TOC																		
PCB-99	38380-01-7	ppt-TOC																		
Total PCB Congeners (209)	No CAS	ppt-TOC			48300000						51400000									
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	26900000				29100000		60000000		38500000									

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD003-RF1		SD003-RF2		SD003-RF3		SD004-200		SD004-200		SD004-200		SD009-025		SD009-450		SD00A-005	
		Sample Name	SD003-RF1-GRB005-11		SD003-RF2-GRB005-11		SD003-RF3-GRB005-11		SD004-200-000005-203		SD004-200-015020-203		SD004-200-035040-203		SD009-025-GRB005-11		SD009-450-GRB005-11		SD00A-005-000005-203	
		Date Collected	4/21/2006		4/21/2006		4/22/2006		11/22/2003		11/22/2003		11/22/2003		4/12/2006		4/20/2006		12/1/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC																		
PCB-100	39485-83-1	ppt-TOC																		
PCB-103	60145-21-3	ppt-TOC																		
PCB-104	56558-16-8	ppt-TOC																		
PCB-105	32598-14-4	ppt-TOC	529		179000		351000		198000		576000		18500		77600		206000		498000	
PCB-106/118	PCB-106/118	ppt-TOC	1410		501000		1050000		573000		1560000		64300		236000		492000		1180000	
PCB-107/109	70424-68-9/7447	ppt-TOC																		
PCB-108/112	70362-41-3/7447	ppt-TOC																		
PCB-11	2050-67-1	ppt-TOC																		
PCB-110	38380-03-9	ppt-TOC																		
PCB-111/115	PCB-111/115	ppt-TOC																		
PCB-113	68194-10-5	ppt-TOC																		
PCB-114	74472-37-0	ppt-TOC	101	U	11400		23700		17800	U	37200		994		4790		12700		27500	
PCB-119	56558-17-9	ppt-TOC																		
PCB-12/13	PCB-12/13	ppt-TOC																		
PCB-120	68194-12-7	ppt-TOC																		
PCB-121	56558-18-0	ppt-TOC																		
PCB-122	76842-07-4	ppt-TOC																		
PCB-123	65510-44-3	ppt-TOC	69.4	U	10400		20700		17800	U	33900		1060		5190		10000		27800	
PCB-124	70424-70-3	ppt-TOC																		
PCB-126	57465-28-8	ppt-TOC	86.8	U	3010		6270		17800	U	6460		1030	U	1360		3200		5890	
PCB-127	39635-33-1	ppt-TOC																		
PCB-128/162	PCB-128/162	ppt-TOC																		
PCB-129	55215-18-4	ppt-TOC																		
PCB-130	52663-66-8	ppt-TOC																		
PCB-131	61798-70-7	ppt-TOC																		
PCB-132/161	38380-05-1/7447	ppt-TOC																		
PCB-133/142	PCB-133/142	ppt-TOC																		
PCB-134/143	PCB-134/143	ppt-TOC																		
PCB-135	52744-13-5	ppt-TOC																		
PCB-136	38411-22-2	ppt-TOC																		
PCB-137	35694-06-5	ppt-TOC																		
PCB-138/163/164	35065-28-2/7447	ppt-TOC																		
PCB-139/149	PCB-139/149	ppt-TOC																		
PCB-14	34883-41-5	ppt-TOC																		
PCB-140	59291-64-4	ppt-TOC																		
PCB-141	52712-04-6	ppt-TOC																		
PCB-144	68194-14-9	ppt-TOC																		
PCB-145	74472-40-5	ppt-TOC																		
PCB-146/165	51908-16-8/7447	ppt-TOC																		
PCB-147	68194-13-8	ppt-TOC																		
PCB-148	74472-41-6	ppt-TOC																		
PCB-15	2050-68-2	ppt-TOC																		
PCB-150	68194-08-1	ppt-TOC																		
PCB-151	52663-63-5	ppt-TOC																		
PCB-152	68194-09-2	ppt-TOC																		
PCB-153	35065-27-1	ppt-TOC																		
PCB-154	60145-22-4	ppt-TOC																		
PCB-155	33979-03-2	ppt-TOC																		
PCB-156	38380-08-4	ppt-TOC	122		48700		93200		50200		139000		6310		26400		52400		161000	
PCB-157	69782-90-7	ppt-TOC	92.9	U	11800		21900		17800	U	31700		1710		6480		9690		34600	
PCB-158/160	74472-42-7/4141	ppt-TOC																		
PCB-159	39635-35-3	ppt-TOC																		
PCB-16/32	PCB-16/32	ppt-TOC																		
PCB-166	41411-63-6	ppt-TOC																		
PCB-167	52663-72-6	ppt-TOC	81.5		21700		41000		21200		56400		2700		12600		23200		61700	
PCB-168	59291-65-5	ppt-TOC																		
PCB-169	32774-16-6	ppt-TOC	113	U	215	U	576	U	17800	U	3940	U	1030	U	120	U	476	U	1420	U
PCB-17	37680-66-3	ppt-TOC																		
PCB-170	35065-30-6	ppt-TOC							141000		301000		17100						413000	
PCB-171	52663-71-5	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD003-RF1		SD003-RF2		SD003-RF3		SD004-200		SD004-200		SD004-200		SD009-025		SD009-450		SD00A-005	
		Sample Name	SD003-RF1-GRB005-11		SD003-RF2-GRB005-11		SD003-RF3-GRB005-11		SD004-200-000005-203		SD004-200-015020-203		SD004-200-035040-203		SD009-025-GRB005-11		SD009-450-GRB005-11		SD00A-005-000005-203	
		Date Collected	4/21/2006		4/21/2006		4/22/2006		11/22/2003		11/22/2003		11/22/2003		4/12/2006		4/20/2006		12/1/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC																		
PCB-173	68194-16-1	ppt-TOC																		
PCB-174	38411-25-5	ppt-TOC																		
PCB-175	40186-70-7	ppt-TOC																		
PCB-176	52663-65-7	ppt-TOC																		
PCB-177	52663-70-4	ppt-TOC																		
PCB-178	52663-67-9	ppt-TOC																		
PCB-179	52663-64-6	ppt-TOC																		
PCB-18	37680-65-2	ppt-TOC																		
PCB-180	35065-29-3	ppt-TOC							357000		753000		91300						983000	
PCB-181	74472-47-2	ppt-TOC																		
PCB-182/187	PCB-182/187	ppt-TOC																		
PCB-183	52663-69-1	ppt-TOC																		
PCB-184	74472-48-3	ppt-TOC																		
PCB-185	52712-05-7	ppt-TOC																		
PCB-186	74472-49-4	ppt-TOC																		
PCB-188	74487-85-7	ppt-TOC																		
PCB-189	39635-31-9	ppt-TOC	53.7	U	6110		12100		17800	U	11800		1550		4140		5770		16000	
PCB-19	38444-73-4	ppt-TOC																		
PCB-190	41411-64-7	ppt-TOC																		
PCB-191	74472-50-7	ppt-TOC																		
PCB-192	74472-51-8	ppt-TOC																		
PCB-193	69782-91-8	ppt-TOC																		
PCB-194	35694-08-7	ppt-TOC																		
PCB-195	52663-78-2	ppt-TOC																		
PCB-196/203	PCB-196/203	ppt-TOC																		
PCB-197	33091-17-7	ppt-TOC																		
PCB-198	68194-17-2	ppt-TOC																		
PCB-199	52663-75-9	ppt-TOC																		
PCB-2	2051-61-8	ppt-TOC																		
PCB-20/21/33	38444-84-7/5570	ppt-TOC																		
PCB-200	52663-73-7	ppt-TOC																		
PCB-201	40186-71-8	ppt-TOC																		
PCB-202	2136-99-4	ppt-TOC																		
PCB-204	74472-52-9	ppt-TOC																		
PCB-205	74472-53-0	ppt-TOC																		
PCB-206	40186-72-9	ppt-TOC																		
PCB-207	52663-79-3	ppt-TOC																		
PCB-208	52663-77-1	ppt-TOC																		
PCB-209	2051-24-3	ppt-TOC	768		72000		216000		80900		140000		782000		27900		90600		207000	
PCB-22	38444-85-8	ppt-TOC																		
PCB-23	55720-44-0	ppt-TOC																		
PCB-24/27	PCB-24/27	ppt-TOC																		
PCB-25	55712-37-3	ppt-TOC																		
PCB-26	38444-81-4	ppt-TOC																		
PCB-28	7012-37-5	ppt-TOC																		
PCB-29	15862-07-4	ppt-TOC																		
PCB-3	2051-62-9	ppt-TOC																		
PCB-30	35693-92-6	ppt-TOC																		
PCB-31	16606-02-3	ppt-TOC																		
PCB-34	37680-68-5	ppt-TOC																		
PCB-35	37680-69-6	ppt-TOC																		
PCB-36	38444-87-0	ppt-TOC																		
PCB-37	38444-90-5	ppt-TOC																		
PCB-38	53555-66-1	ppt-TOC																		
PCB-39	38444-88-1	ppt-TOC																		
PCB-4/10	PCB-4/10	ppt-TOC																		
PCB-40	38444-93-8	ppt-TOC																		
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC																		
PCB-42/59	36559-22-5/7447	ppt-TOC																		
PCB-43/49	PCB-43/49	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD003-RF1		SD003-RF2		SD003-RF3		SD004-200		SD004-200		SD004-200		SD009-025		SD009-450		SD00A-005	
		Sample Name	SD003-RF1-GRB005-11		SD003-RF2-GRB005-11		SD003-RF3-GRB005-11		SD004-200-000005-203		SD004-200-015020-203		SD004-200-035040-203		SD009-025-GRB005-11		SD009-450-GRB005-11		SD00A-005-000005-203	
		Date Collected	4/21/2006		4/21/2006		4/22/2006		11/22/2003		11/22/2003		11/22/2003		4/12/2006		4/20/2006		12/1/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC																		
PCB-45	70362-45-7	ppt-TOC																		
PCB-46	41464-47-5	ppt-TOC																		
PCB-47	2437-79-8	ppt-TOC																		
PCB-48/75	70362-47-9/3259	ppt-TOC																		
PCB-5/8	PCB-5/8	ppt-TOC																		
PCB-50	62796-65-0	ppt-TOC																		
PCB-51	68194-04-7	ppt-TOC																		
PCB-52/69	35693-99-3/6023	ppt-TOC																		
PCB-53	41464-41-9	ppt-TOC																		
PCB-54	15968-05-5	ppt-TOC																		
PCB-55	74338-24-2	ppt-TOC																		
PCB-56/60	PCB-56/60	ppt-TOC																		
PCB-57	70424-67-8	ppt-TOC																		
PCB-58	41464-49-7	ppt-TOC																		
PCB-6	25569-80-6	ppt-TOC																		
PCB-61/70	PCB-61/70	ppt-TOC																		
PCB-62	54230-22-7	ppt-TOC																		
PCB-63	74472-34-7	ppt-TOC																		
PCB-65	33284-54-7	ppt-TOC																		
PCB-67	73575-53-8	ppt-TOC																		
PCB-68	73575-52-7	ppt-TOC																		
PCB-7/9	PCB-7/9	ppt-TOC																		
PCB-73	74338-23-1	ppt-TOC																		
PCB-74	32690-93-0	ppt-TOC																		
PCB-76/66	PCB-76/66	ppt-TOC																		
PCB-77	32598-13-3	ppt-TOC	346		70100		158000		83800		217000		3690		28200		93400		162000	
PCB-78	70362-49-1	ppt-TOC																		
PCB-79	41464-48-6	ppt-TOC																		
PCB-80	33284-52-5	ppt-TOC																		
PCB-81	70362-50-4	ppt-TOC	67.4	U	1790		3160		17800	U	23100		988		905		3610		21200	
PCB-82	52663-62-4	ppt-TOC																		
PCB-83	60145-20-2	ppt-TOC																		
PCB-84/92	52663-60-2/5266	ppt-TOC																		
PCB-85/116	PCB-85/116	ppt-TOC																		
PCB-86	55312-69-1	ppt-TOC																		
PCB-87/117/125	38380-02-8/6819	ppt-TOC																		
PCB-88/91	PCB-88/91	ppt-TOC																		
PCB-89	73575-57-2	ppt-TOC																		
PCB-90/101	PCB-90/101	ppt-TOC																		
PCB-93	73575-56-1	ppt-TOC																		
PCB-94	73575-55-0	ppt-TOC																		
PCB-95/98/102	38379-99-6/6023	ppt-TOC																		
PCB-96	73575-54-9	ppt-TOC																		
PCB-97	41464-51-1	ppt-TOC																		
PCB-99	38380-01-7	ppt-TOC																		
Total PCB Congeners (209)	No CAS	ppt-TOC																		
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD00A-025		SD00A-050		SD00A-050		SD00A-050		SD00A-100		SD00A-200		SD00B-005		SD00B-025		SD00B-025	
		Sample Name	SD00A-025-000005-203		SD00A-050-000005-203		SD00A-050-015020-203		SD00A-050-035040-203		SD00A-100-000005-203		SD00A-200-000005-203		SD00B-005-000005-203		SD00B-025-000005-203		SD00B-025-015020-203	
		Date Collected	11/23/2003		11/23/2003		11/23/2003		11/23/2003		11/24/2003		12/1/2003		12/1/2003		12/1/2003		12/1/2003	
		Depth	0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC																		
PCB-100	39485-83-1	ppt-TOC																		
PCB-103	60145-21-3	ppt-TOC																		
PCB-104	56558-16-8	ppt-TOC																		
PCB-105	32598-14-4	ppt-TOC	661000		434000		1820000		11100		32200		235000		102000		51500		1750	U
PCB-106/118	PCB-106/118	ppt-TOC	1710000		1230000		4700000		30500		96800		840000		267000		141000		1750	U
PCB-107/109	70424-68-9/7447	ppt-TOC																		
PCB-108/112	70362-41-3/7447	ppt-TOC																		
PCB-11	2050-67-1	ppt-TOC																		
PCB-110	38380-03-9	ppt-TOC																		
PCB-111/115	PCB-111/115	ppt-TOC																		
PCB-113	68194-10-5	ppt-TOC																		
PCB-114	74472-37-0	ppt-TOC	43400		26800		121000		7580	U	1900		13200		5840		3150	U	1750	U
PCB-119	56558-17-9	ppt-TOC																		
PCB-12/13	PCB-12/13	ppt-TOC																		
PCB-120	68194-12-7	ppt-TOC																		
PCB-121	56558-18-0	ppt-TOC																		
PCB-122	76842-07-4	ppt-TOC																		
PCB-123	65510-44-3	ppt-TOC	32600		22600		90000		7580	U	1450		9800		5850		3180		1750	U
PCB-124	70424-70-3	ppt-TOC																		
PCB-126	57465-28-8	ppt-TOC	7970		5250		16700		7580	U	3180	U	3320		1630		3150	U	1750	U
PCB-127	39635-33-1	ppt-TOC																		
PCB-128/162	PCB-128/162	ppt-TOC																		
PCB-129	55215-18-4	ppt-TOC																		
PCB-130	52663-66-8	ppt-TOC																		
PCB-131	61798-70-7	ppt-TOC																		
PCB-132/161	38380-05-1/7447	ppt-TOC																		
PCB-133/142	PCB-133/142	ppt-TOC																		
PCB-134/143	PCB-134/143	ppt-TOC																		
PCB-135	52744-13-5	ppt-TOC																		
PCB-136	38411-22-2	ppt-TOC																		
PCB-137	35694-06-5	ppt-TOC																		
PCB-138/163/164	35065-28-2/7447	ppt-TOC																		
PCB-139/149	PCB-139/149	ppt-TOC																		
PCB-14	34883-41-5	ppt-TOC																		
PCB-140	59291-64-4	ppt-TOC																		
PCB-141	52712-04-6	ppt-TOC																		
PCB-144	68194-14-9	ppt-TOC																		
PCB-145	74472-40-5	ppt-TOC																		
PCB-146/165	51908-16-8/7447	ppt-TOC																		
PCB-147	68194-13-8	ppt-TOC																		
PCB-148	74472-41-6	ppt-TOC																		
PCB-15	2050-68-2	ppt-TOC																		
PCB-150	68194-08-1	ppt-TOC																		
PCB-151	52663-63-5	ppt-TOC																		
PCB-152	68194-09-2	ppt-TOC																		
PCB-153	35065-27-1	ppt-TOC																		
PCB-154	60145-22-4	ppt-TOC																		
PCB-155	33979-03-2	ppt-TOC																		
PCB-156	38380-08-4	ppt-TOC	183000		104000		378000		2930		11300		84000		21400		12700		1750	U
PCB-157	69782-90-7	ppt-TOC	35100		22500		82800		7580	U	3180	U	19400		5790		3150	U	1750	U
PCB-158/160	74472-42-7/4141	ppt-TOC																		
PCB-159	39635-35-3	ppt-TOC																		
PCB-16/32	PCB-16/32	ppt-TOC																		
PCB-166	41411-63-6	ppt-TOC																		
PCB-167	52663-72-6	ppt-TOC	73400		43000		143000		7580	U	4910		34300		9440		5640		1750	U
PCB-168	59291-65-5	ppt-TOC																		
PCB-169	32774-16-6	ppt-TOC	2550	U	1970	U	3750	U	7580	U	3180	U	1990	U	3100	U	3150	U	1750	U
PCB-17	37680-66-3	ppt-TOC																		
PCB-170	35065-30-6	ppt-TOC	655000		247000		687000		7580		48600		142000		50500		31500		1750	U
PCB-171	52663-71-5	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD00A-025		SD00A-050		SD00A-050		SD00A-050		SD00A-100		SD00A-200		SD00B-005		SD00B-025		SD00B-025	
		Sample Name	SD00A-025-000005-203		SD00A-050-000005-203		SD00A-050-015020-203		SD00A-050-035040-203		SD00A-100-000005-203		SD00A-200-000005-203		SD00B-005-000005-203		SD00B-025-000005-203		SD00B-025-015020-203	
		Date Collected	11/23/2003		11/23/2003		11/23/2003		11/23/2003		11/24/2003		12/1/2003		12/1/2003		12/1/2003		12/1/2003	
		Depth	0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC																		
PCB-173	68194-16-1	ppt-TOC																		
PCB-174	38411-25-5	ppt-TOC																		
PCB-175	40186-70-7	ppt-TOC																		
PCB-176	52663-65-7	ppt-TOC																		
PCB-177	52663-70-4	ppt-TOC																		
PCB-178	52663-67-9	ppt-TOC																		
PCB-179	52663-64-6	ppt-TOC																		
PCB-18	37680-65-2	ppt-TOC																		
PCB-180	35065-29-3	ppt-TOC	1620000		635000		1640000		17200		176000		374000		139000		83200		1750	U
PCB-181	74472-47-2	ppt-TOC																		
PCB-182/187	PCB-182/187	ppt-TOC																		
PCB-183	52663-69-1	ppt-TOC																		
PCB-184	74472-48-3	ppt-TOC																		
PCB-185	52712-05-7	ppt-TOC																		
PCB-186	74472-49-4	ppt-TOC																		
PCB-188	74487-85-7	ppt-TOC																		
PCB-189	39635-31-9	ppt-TOC	22600		9390		26500		7580	U	1800		5430		2070		3150	U	1750	U
PCB-19	38444-73-4	ppt-TOC																		
PCB-190	41411-64-7	ppt-TOC																		
PCB-191	74472-50-7	ppt-TOC																		
PCB-192	74472-51-8	ppt-TOC																		
PCB-193	69782-91-8	ppt-TOC																		
PCB-194	35694-08-7	ppt-TOC																		
PCB-195	52663-78-2	ppt-TOC																		
PCB-196/203	PCB-196/203	ppt-TOC																		
PCB-197	33091-17-7	ppt-TOC																		
PCB-198	68194-17-2	ppt-TOC																		
PCB-199	52663-75-9	ppt-TOC																		
PCB-2	2051-61-8	ppt-TOC																		
PCB-20/21/33	38444-84-7/5570	ppt-TOC																		
PCB-200	52663-73-7	ppt-TOC																		
PCB-201	40186-71-8	ppt-TOC																		
PCB-202	2136-99-4	ppt-TOC																		
PCB-204	74472-52-9	ppt-TOC																		
PCB-205	74472-53-0	ppt-TOC																		
PCB-206	40186-72-9	ppt-TOC																		
PCB-207	52663-79-3	ppt-TOC																		
PCB-208	52663-77-1	ppt-TOC																		
PCB-209	2051-24-3	ppt-TOC	211000		130000		230000		12500		559000		218000		22100		18500		2620	U
PCB-22	38444-85-8	ppt-TOC																		
PCB-23	55720-44-0	ppt-TOC																		
PCB-24/27	PCB-24/27	ppt-TOC																		
PCB-25	55712-37-3	ppt-TOC																		
PCB-26	38444-81-4	ppt-TOC																		
PCB-28	7012-37-5	ppt-TOC																		
PCB-29	15862-07-4	ppt-TOC																		
PCB-3	2051-62-9	ppt-TOC																		
PCB-30	35693-92-6	ppt-TOC																		
PCB-31	16606-02-3	ppt-TOC																		
PCB-34	37680-68-5	ppt-TOC																		
PCB-35	37680-69-6	ppt-TOC																		
PCB-36	38444-87-0	ppt-TOC																		
PCB-37	38444-90-5	ppt-TOC																		
PCB-38	53555-66-1	ppt-TOC																		
PCB-39	38444-88-1	ppt-TOC																		
PCB-4/10	PCB-4/10	ppt-TOC																		
PCB-40	38444-93-8	ppt-TOC																		
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC																		
PCB-42/59	36559-22-5/7447	ppt-TOC																		
PCB-43/49	PCB-43/49	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD00A-025		SD00A-050		SD00A-050		SD00A-050		SD00A-100		SD00A-200		SD00B-005		SD00B-025		SD00B-025	
		Sample Name	SD00A-025-000005-203		SD00A-050-000005-203		SD00A-050-015020-203		SD00A-050-035040-203		SD00A-100-000005-203		SD00A-200-000005-203		SD00B-005-000005-203		SD00B-025-000005-203		SD00B-025-015020-203	
		Date Collected	11/23/2003		11/23/2003		11/23/2003		11/23/2003		11/24/2003		12/1/2003		12/1/2003		12/1/2003		12/1/2003	
		Depth	0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC																		
PCB-45	70362-45-7	ppt-TOC																		
PCB-46	41464-47-5	ppt-TOC																		
PCB-47	2437-79-8	ppt-TOC																		
PCB-48/75	70362-47-9/3259	ppt-TOC																		
PCB-5/8	PCB-5/8	ppt-TOC																		
PCB-50	62796-65-0	ppt-TOC																		
PCB-51	68194-04-7	ppt-TOC																		
PCB-52/69	35693-99-3/6023	ppt-TOC																		
PCB-53	41464-41-9	ppt-TOC																		
PCB-54	15968-05-5	ppt-TOC																		
PCB-55	74338-24-2	ppt-TOC																		
PCB-56/60	PCB-56/60	ppt-TOC																		
PCB-57	70424-67-8	ppt-TOC																		
PCB-58	41464-49-7	ppt-TOC																		
PCB-6	25569-80-6	ppt-TOC																		
PCB-61/70	PCB-61/70	ppt-TOC																		
PCB-62	54230-22-7	ppt-TOC																		
PCB-63	74472-34-7	ppt-TOC																		
PCB-65	33284-54-7	ppt-TOC																		
PCB-67	73575-53-8	ppt-TOC																		
PCB-68	73575-52-7	ppt-TOC																		
PCB-7/9	PCB-7/9	ppt-TOC																		
PCB-73	74338-23-1	ppt-TOC																		
PCB-74	32690-93-0	ppt-TOC																		
PCB-76/66	PCB-76/66	ppt-TOC																		
PCB-77	32598-13-3	ppt-TOC	272000		203000		689000		4770		9590		57000		41200		22400		1750	U
PCB-78	70362-49-1	ppt-TOC																		
PCB-79	41464-48-6	ppt-TOC																		
PCB-80	33284-52-5	ppt-TOC																		
PCB-81	70362-50-4	ppt-TOC	31800		16500		83100		7580	U	1330		6850		3990		3150	U	1750	U
PCB-82	52663-62-4	ppt-TOC																		
PCB-83	60145-20-2	ppt-TOC																		
PCB-84/92	52663-60-2/5266	ppt-TOC																		
PCB-85/116	PCB-85/116	ppt-TOC																		
PCB-86	55312-69-1	ppt-TOC																		
PCB-87/117/125	38380-02-8/6819	ppt-TOC																		
PCB-88/91	PCB-88/91	ppt-TOC																		
PCB-89	73575-57-2	ppt-TOC																		
PCB-90/101	PCB-90/101	ppt-TOC																		
PCB-93	73575-56-1	ppt-TOC																		
PCB-94	73575-55-0	ppt-TOC																		
PCB-95/98/102	38379-99-6/6023	ppt-TOC																		
PCB-96	73575-54-9	ppt-TOC																		
PCB-97	41464-51-1	ppt-TOC																		
PCB-99	38380-01-7	ppt-TOC																		
Total PCB Congeners (209)	No CAS	ppt-TOC																		
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD00B-025		SD00B-048		SD00B-050		SD00B-100		SD00B-100		SD00B-200		SD00C-005		SD00C-005		SD00C-005	
		Sample Name	SD00B-025-035040-203		SD00B-048-GRB005-11		SD00B-050-000005-203		SD00B-100-000005-203		SD00B-100-015020-203		SD00B-200-000005-203		SD00C-005-000005-203		SD00C-005-015020-203		SD00C-005-035040-203	
		Date Collected	12/1/2003		4/12/2006		11/23/2003		11/22/2003		11/22/2003		11/22/2003		11/20/2003		11/20/2003		11/20/2003	
		Depth	3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC																		
PCB-100	39485-83-1	ppt-TOC																		
PCB-103	60145-21-3	ppt-TOC																		
PCB-104	56558-16-8	ppt-TOC																		
PCB-105	32598-14-4	ppt-TOC	7220	U	210000		156000		52800		15400	U	89700		190000		225000		224000	
PCB-106/118	PCB-106/118	ppt-TOC	7220	U	458000		415000		146000		15400	U	252000		580000		652000		682000	
PCB-107/109	70424-68-9/7447	ppt-TOC																		
PCB-108/112	70362-41-3/7447	ppt-TOC																		
PCB-11	2050-67-1	ppt-TOC																		
PCB-110	38380-03-9	ppt-TOC																		
PCB-111/115	PCB-111/115	ppt-TOC																		
PCB-113	68194-10-5	ppt-TOC																		
PCB-114	74472-37-0	ppt-TOC	7220	U	12700		10900		4380	U	15400	U	13700	U	11000		12800		11700	
PCB-119	56558-17-9	ppt-TOC																		
PCB-12/13	PCB-12/13	ppt-TOC																		
PCB-120	68194-12-7	ppt-TOC																		
PCB-121	56558-18-0	ppt-TOC																		
PCB-122	76842-07-4	ppt-TOC																		
PCB-123	65510-44-3	ppt-TOC	7220	U	9610		9780		4380	U	15400	U	13700	U	10900		12900		12900	
PCB-124	70424-70-3	ppt-TOC																		
PCB-126	57465-28-8	ppt-TOC	7220	U	2850		2090	U	4380	U	15400	U	13700	U	2790		3190		3550	
PCB-127	39635-33-1	ppt-TOC																		
PCB-128/162	PCB-128/162	ppt-TOC																		
PCB-129	55215-18-4	ppt-TOC																		
PCB-130	52663-66-8	ppt-TOC																		
PCB-131	61798-70-7	ppt-TOC																		
PCB-132/161	38380-05-1/7447	ppt-TOC																		
PCB-133/142	PCB-133/142	ppt-TOC																		
PCB-134/143	PCB-134/143	ppt-TOC																		
PCB-135	52744-13-5	ppt-TOC																		
PCB-136	38411-22-2	ppt-TOC																		
PCB-137	35694-06-5	ppt-TOC																		
PCB-138/163/164	35065-28-2/7447	ppt-TOC																		
PCB-139/149	PCB-139/149	ppt-TOC																		
PCB-14	34883-41-5	ppt-TOC																		
PCB-140	59291-64-4	ppt-TOC																		
PCB-141	52712-04-6	ppt-TOC																		
PCB-144	68194-14-9	ppt-TOC																		
PCB-145	74472-40-5	ppt-TOC																		
PCB-146/165	51908-16-8/7447	ppt-TOC																		
PCB-147	68194-13-8	ppt-TOC																		
PCB-148	74472-41-6	ppt-TOC																		
PCB-15	2050-68-2	ppt-TOC																		
PCB-150	68194-08-1	ppt-TOC																		
PCB-151	52663-63-5	ppt-TOC																		
PCB-152	68194-09-2	ppt-TOC																		
PCB-153	35065-27-1	ppt-TOC																		
PCB-154	60145-22-4	ppt-TOC																		
PCB-155	33979-03-2	ppt-TOC																		
PCB-156	38380-08-4	ppt-TOC	7220	U	37400		30700		13300		15400	U	21500		52500		61200		60500	
PCB-157	69782-90-7	ppt-TOC	7220	U	8600		6880		4380	U	15400	U	13700	U	12300		14500		14400	
PCB-158/160	74472-42-7/4141	ppt-TOC																		
PCB-159	39635-35-3	ppt-TOC																		
PCB-16/32	PCB-16/32	ppt-TOC																		
PCB-166	41411-63-6	ppt-TOC																		
PCB-167	52663-72-6	ppt-TOC	7220	U	17400		12700		5420		15400	U	13700	U	23300		26900		26500	
PCB-168	59291-65-5	ppt-TOC																		
PCB-169	32774-16-6	ppt-TOC	7220	U	667	U	2090	U	4380	U	15400	U	13700	U	1460	U	6540	U	6630	U
PCB-17	37680-66-3	ppt-TOC																		
PCB-170	35065-30-6	ppt-TOC	7220	U			61600		29500		15400	U	60200		139000		177000		163000	
PCB-171	52663-71-5	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD00B-025		SD00B-048		SD00B-050		SD00B-100		SD00B-100		SD00B-200		SD00C-005		SD00C-005		SD00C-005	
		Sample Name	SD00B-025-035040-203		SD00B-048-GRB005-11		SD00B-050-000005-203		SD00B-100-000005-203		SD00B-100-015020-203		SD00B-200-000005-203		SD00C-005-000005-203		SD00C-005-015020-203		SD00C-005-035040-203	
		Date Collected	12/1/2003		4/12/2006		11/23/2003		11/22/2003		11/22/2003		11/22/2003		11/20/2003		11/20/2003		11/20/2003	
		Depth	3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC																		
PCB-173	68194-16-1	ppt-TOC																		
PCB-174	38411-25-5	ppt-TOC																		
PCB-175	40186-70-7	ppt-TOC																		
PCB-176	52663-65-7	ppt-TOC																		
PCB-177	52663-70-4	ppt-TOC																		
PCB-178	52663-67-9	ppt-TOC																		
PCB-179	52663-64-6	ppt-TOC																		
PCB-18	37680-65-2	ppt-TOC																		
PCB-180	35065-29-3	ppt-TOC	7220	U			156000		78500		15400	U	242000		362000		443000		427000	
PCB-181	74472-47-2	ppt-TOC																		
PCB-182/187	PCB-182/187	ppt-TOC																		
PCB-183	52663-69-1	ppt-TOC																		
PCB-184	74472-48-3	ppt-TOC																		
PCB-185	52712-05-7	ppt-TOC																		
PCB-186	74472-49-4	ppt-TOC																		
PCB-188	74487-85-7	ppt-TOC																		
PCB-189	39635-31-9	ppt-TOC	7220	U	3970		2500		4380	U	15400	U	13700	U	5620		6650		6260	
PCB-19	38444-73-4	ppt-TOC																		
PCB-190	41411-64-7	ppt-TOC																		
PCB-191	74472-50-7	ppt-TOC																		
PCB-192	74472-51-8	ppt-TOC																		
PCB-193	69782-91-8	ppt-TOC																		
PCB-194	35694-08-7	ppt-TOC																		
PCB-195	52663-78-2	ppt-TOC																		
PCB-196/203	PCB-196/203	ppt-TOC																		
PCB-197	33091-17-7	ppt-TOC																		
PCB-198	68194-17-2	ppt-TOC																		
PCB-199	52663-75-9	ppt-TOC																		
PCB-2	2051-61-8	ppt-TOC																		
PCB-20/21/33	38444-84-7/5570	ppt-TOC																		
PCB-200	52663-73-7	ppt-TOC																		
PCB-201	40186-71-8	ppt-TOC																		
PCB-202	2136-99-4	ppt-TOC																		
PCB-204	74472-52-9	ppt-TOC																		
PCB-205	74472-53-0	ppt-TOC																		
PCB-206	40186-72-9	ppt-TOC																		
PCB-207	52663-79-3	ppt-TOC																		
PCB-208	52663-77-1	ppt-TOC																		
PCB-209	2051-24-3	ppt-TOC	10800	U	43000		24300		14500		23100	U	610000		84900		92600		104000	
PCB-22	38444-85-8	ppt-TOC																		
PCB-23	55720-44-0	ppt-TOC																		
PCB-24/27	PCB-24/27	ppt-TOC																		
PCB-25	55712-37-3	ppt-TOC																		
PCB-26	38444-81-4	ppt-TOC																		
PCB-28	7012-37-5	ppt-TOC																		
PCB-29	15862-07-4	ppt-TOC																		
PCB-3	2051-62-9	ppt-TOC																		
PCB-30	35693-92-6	ppt-TOC																		
PCB-31	16606-02-3	ppt-TOC																		
PCB-34	37680-68-5	ppt-TOC																		
PCB-35	37680-69-6	ppt-TOC																		
PCB-36	38444-87-0	ppt-TOC																		
PCB-37	38444-90-5	ppt-TOC																		
PCB-38	53555-66-1	ppt-TOC																		
PCB-39	38444-88-1	ppt-TOC																		
PCB-4/10	PCB-4/10	ppt-TOC																		
PCB-40	38444-93-8	ppt-TOC																		
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC																		
PCB-42/59	36559-22-5/7447	ppt-TOC																		
PCB-43/49	PCB-43/49	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD00B-025		SD00B-048		SD00B-050		SD00B-100		SD00B-100		SD00B-200		SD00C-005		SD00C-005		SD00C-005			
		Sample Name	SD00B-025-035040-203		SD00B-048-GRB005-11		SD00B-050-000005-203		SD00B-100-000005-203		SD00B-100-015020-203		SD00B-200-000005-203		SD00C-005-000005-203		SD00C-005-015020-203		SD00C-005-035040-203			
		Date Collected	12/1/2003		4/12/2006		11/23/2003		11/22/2003		11/22/2003		11/22/2003		11/20/2003		11/20/2003		11/20/2003			
		Depth	3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-44	41464-39-5	ppt-TOC																				
PCB-45	70362-45-7	ppt-TOC																				
PCB-46	41464-47-5	ppt-TOC																				
PCB-47	2437-79-8	ppt-TOC																				
PCB-48/75	70362-47-9/3259	ppt-TOC																				
PCB-5/8	PCB-5/8	ppt-TOC																				
PCB-50	62796-65-0	ppt-TOC																				
PCB-51	68194-04-7	ppt-TOC																				
PCB-52/69	35693-99-3/6023	ppt-TOC																				
PCB-53	41464-41-9	ppt-TOC																				
PCB-54	15968-05-5	ppt-TOC																				
PCB-55	74338-24-2	ppt-TOC																				
PCB-56/60	PCB-56/60	ppt-TOC																				
PCB-57	70424-67-8	ppt-TOC																				
PCB-58	41464-49-7	ppt-TOC																				
PCB-6	25569-80-6	ppt-TOC																				
PCB-61/70	PCB-61/70	ppt-TOC																				
PCB-62	54230-22-7	ppt-TOC																				
PCB-63	74472-34-7	ppt-TOC																				
PCB-65	33284-54-7	ppt-TOC																				
PCB-67	73575-53-8	ppt-TOC																				
PCB-68	73575-52-7	ppt-TOC																				
PCB-7/9	PCB-7/9	ppt-TOC																				
PCB-73	74338-23-1	ppt-TOC																				
PCB-74	32690-93-0	ppt-TOC																				
PCB-76/66	PCB-76/66	ppt-TOC																				
PCB-77	32598-13-3	ppt-TOC	7220	U	77900		75900		22200		15400	U	36300		107000		111000		132000			
PCB-78	70362-49-1	ppt-TOC																				
PCB-79	41464-48-6	ppt-TOC																				
PCB-80	33284-52-5	ppt-TOC																				
PCB-81	70362-50-4	ppt-TOC	7220	U	9860		7500		4380	U	15400	U	13700	U	8430		9390		9660			
PCB-82	52663-62-4	ppt-TOC																				
PCB-83	60145-20-2	ppt-TOC																				
PCB-84/92	52663-60-2/5266	ppt-TOC																				
PCB-85/116	PCB-85/116	ppt-TOC																				
PCB-86	55312-69-1	ppt-TOC																				
PCB-87/117/125	38380-02-8/6819	ppt-TOC																				
PCB-88/91	PCB-88/91	ppt-TOC																				
PCB-89	73575-57-2	ppt-TOC																				
PCB-90/101	PCB-90/101	ppt-TOC																				
PCB-93	73575-56-1	ppt-TOC																				
PCB-94	73575-55-0	ppt-TOC																				
PCB-95/98/102	38379-99-6/6023	ppt-TOC																				
PCB-96	73575-54-9	ppt-TOC																				
PCB-97	41464-51-1	ppt-TOC																				
PCB-99	38380-01-7	ppt-TOC																				
Total PCB Congeners (209)	No CAS	ppt-TOC																				
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC																				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD00C-025		SD00C-050		SD00C-100		SD00C-100		SD00C-200		SD00L-080		SD00L-400		SD010-050		SD010-10H	
		Sample Name	SD00C-025-000005-203		SD00C-050-000005-203		SD00C-100-000005-203		SD0DC-100-000005-203		SD00C-200-000005-203		SD00L-080-GRB005-11		SD00L-400-GRB005-11		SD010-050-GRB005-11		SD010-10H-GRB005-11	
		Date Collected	11/19/2003		11/19/2003		11/21/2003		11/21/2003		11/21/2003		4/12/2006		4/12/2006		4/12/2006		4/22/2006	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC																		
PCB-100	39485-83-1	ppt-TOC																		
PCB-103	60145-21-3	ppt-TOC																		
PCB-104	56558-16-8	ppt-TOC																		
PCB-105	32598-14-4	ppt-TOC	189000		175000		134000		285000		185000		59600		80100		359000		175000	
PCB-106/118	PCB-106/118	ppt-TOC	543000		506000		407000		846000		543000		145000		218000		993000		514000	
PCB-107/109	70424-68-9/7447	ppt-TOC																		
PCB-108/112	70362-41-3/7447	ppt-TOC																		
PCB-11	2050-67-1	ppt-TOC																		
PCB-110	38380-03-9	ppt-TOC																		
PCB-111/115	PCB-111/115	ppt-TOC																		
PCB-113	68194-10-5	ppt-TOC																		
PCB-114	74472-37-0	ppt-TOC	11900		10200		7670		15800		11300		3220		4270		21800		10700	
PCB-119	56558-17-9	ppt-TOC																		
PCB-12/13	PCB-12/13	ppt-TOC																		
PCB-120	68194-12-7	ppt-TOC																		
PCB-121	56558-18-0	ppt-TOC																		
PCB-122	76842-07-4	ppt-TOC																		
PCB-123	65510-44-3	ppt-TOC	10900		9950		7980		14800		11200		2770		4600		20300		11200	
PCB-124	70424-70-3	ppt-TOC																		
PCB-126	57465-28-8	ppt-TOC	2970		2560		1970	U	3730		40300	U	1460		1400		5230		2950	
PCB-127	39635-33-1	ppt-TOC																		
PCB-128/162	PCB-128/162	ppt-TOC																		
PCB-129	55215-18-4	ppt-TOC																		
PCB-130	52663-66-8	ppt-TOC																		
PCB-131	61798-70-7	ppt-TOC																		
PCB-132/161	38380-05-1/7447	ppt-TOC																		
PCB-133/142	PCB-133/142	ppt-TOC																		
PCB-134/143	PCB-134/143	ppt-TOC																		
PCB-135	52744-13-5	ppt-TOC																		
PCB-136	38411-22-2	ppt-TOC																		
PCB-137	35694-06-5	ppt-TOC																		
PCB-138/163/164	35065-28-2/7447	ppt-TOC																		
PCB-139/149	PCB-139/149	ppt-TOC																		
PCB-14	34883-41-5	ppt-TOC																		
PCB-140	59291-64-4	ppt-TOC																		
PCB-141	52712-04-6	ppt-TOC																		
PCB-144	68194-14-9	ppt-TOC																		
PCB-145	74472-40-5	ppt-TOC																		
PCB-146/165	51908-16-8/7447	ppt-TOC																		
PCB-147	68194-13-8	ppt-TOC																		
PCB-148	74472-41-6	ppt-TOC																		
PCB-15	2050-68-2	ppt-TOC																		
PCB-150	68194-08-1	ppt-TOC																		
PCB-151	52663-63-5	ppt-TOC																		
PCB-152	68194-09-2	ppt-TOC																		
PCB-153	35065-27-1	ppt-TOC																		
PCB-154	60145-22-4	ppt-TOC																		
PCB-155	33979-03-2	ppt-TOC																		
PCB-156	38380-08-4	ppt-TOC	52000		48400		36300		74800		45900		14100		20100		103000		39600	
PCB-157	69782-90-7	ppt-TOC	12100		11200		8500		17700		11200		3590		5050		23800		9450	
PCB-158/160	74472-42-7/4141	ppt-TOC																		
PCB-159	39635-35-3	ppt-TOC																		
PCB-16/32	PCB-16/32	ppt-TOC																		
PCB-166	41411-63-6	ppt-TOC																		
PCB-167	52663-72-6	ppt-TOC	22600		22700		16500		35300		22000		7270		9110		41500		19400	
PCB-168	59291-65-5	ppt-TOC																		
PCB-169	32774-16-6	ppt-TOC	6320	U	6200	U	1970	U	1880	U	40300	U	1910	U	183	U	458		242	U
PCB-17	37680-66-3	ppt-TOC																		
PCB-170	35065-30-6	ppt-TOC	132000		136000		84200		207000		108000									
PCB-171	52663-71-5	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD00C-025		SD00C-050		SD00C-100		SD00C-100		SD00C-200		SD00L-080		SD00L-400		SD010-050		SD010-10H	
		Sample Name	SD00C-025-000005-203		SD00C-050-000005-203		SD00C-100-000005-203		SD0DC-100-000005-203		SD00C-200-000005-203		SD00L-080-GRB005-11		SD00L-400-GRB005-11		SD010-050-GRB005-11		SD010-10H-GRB005-11	
		Date Collected	11/19/2003		11/19/2003		11/21/2003		11/21/2003		11/21/2003		4/12/2006		4/12/2006		4/12/2006		4/22/2006	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC																		
PCB-173	68194-16-1	ppt-TOC																		
PCB-174	38411-25-5	ppt-TOC																		
PCB-175	40186-70-7	ppt-TOC																		
PCB-176	52663-65-7	ppt-TOC																		
PCB-177	52663-70-4	ppt-TOC																		
PCB-178	52663-67-9	ppt-TOC																		
PCB-179	52663-64-6	ppt-TOC																		
PCB-18	37680-65-2	ppt-TOC																		
PCB-180	35065-29-3	ppt-TOC	332000		357000		217000		560000		277000									
PCB-181	74472-47-2	ppt-TOC																		
PCB-182/187	PCB-182/187	ppt-TOC																		
PCB-183	52663-69-1	ppt-TOC																		
PCB-184	74472-48-3	ppt-TOC																		
PCB-185	52712-05-7	ppt-TOC																		
PCB-186	74472-49-4	ppt-TOC																		
PCB-188	74487-85-7	ppt-TOC																		
PCB-189	39635-31-9	ppt-TOC	5410		4990		3580		7630		40300	U	1710		2390		8360		4930	
PCB-19	38444-73-4	ppt-TOC																		
PCB-190	41411-64-7	ppt-TOC																		
PCB-191	74472-50-7	ppt-TOC																		
PCB-192	74472-51-8	ppt-TOC																		
PCB-193	69782-91-8	ppt-TOC																		
PCB-194	35694-08-7	ppt-TOC																		
PCB-195	52663-78-2	ppt-TOC																		
PCB-196/203	PCB-196/203	ppt-TOC																		
PCB-197	33091-17-7	ppt-TOC																		
PCB-198	68194-17-2	ppt-TOC																		
PCB-199	52663-75-9	ppt-TOC																		
PCB-2	2051-61-8	ppt-TOC																		
PCB-20/21/33	38444-84-7/5570	ppt-TOC																		
PCB-200	52663-73-7	ppt-TOC																		
PCB-201	40186-71-8	ppt-TOC																		
PCB-202	2136-99-4	ppt-TOC																		
PCB-204	74472-52-9	ppt-TOC																		
PCB-205	74472-53-0	ppt-TOC																		
PCB-206	40186-72-9	ppt-TOC																		
PCB-207	52663-79-3	ppt-TOC																		
PCB-208	52663-77-1	ppt-TOC																		
PCB-209	2051-24-3	ppt-TOC	83800		72700		59300		112000		77700		19800		37300		119000		63100	
PCB-22	38444-85-8	ppt-TOC																		
PCB-23	55720-44-0	ppt-TOC																		
PCB-24/27	PCB-24/27	ppt-TOC																		
PCB-25	55712-37-3	ppt-TOC																		
PCB-26	38444-81-4	ppt-TOC																		
PCB-28	7012-37-5	ppt-TOC																		
PCB-29	15862-07-4	ppt-TOC																		
PCB-3	2051-62-9	ppt-TOC																		
PCB-30	35693-92-6	ppt-TOC																		
PCB-31	16606-02-3	ppt-TOC																		
PCB-34	37680-68-5	ppt-TOC																		
PCB-35	37680-69-6	ppt-TOC																		
PCB-36	38444-87-0	ppt-TOC																		
PCB-37	38444-90-5	ppt-TOC																		
PCB-38	53555-66-1	ppt-TOC																		
PCB-39	38444-88-1	ppt-TOC																		
PCB-4/10	PCB-4/10	ppt-TOC																		
PCB-40	38444-93-8	ppt-TOC																		
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC																		
PCB-42/59	36559-22-5/7447	ppt-TOC																		
PCB-43/49	PCB-43/49	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD00C-025		SD00C-050		SD00C-100		SD00C-100		SD00C-200		SD00L-080		SD00L-400		SD010-050		SD010-10H	
		Sample Name	SD00C-025-000005-203		SD00C-050-000005-203		SD00C-100-000005-203		SD0DC-100-000005-203		SD00C-200-000005-203		SD00L-080-GRB005-11		SD00L-400-GRB005-11		SD010-050-GRB005-11		SD010-10H-GRB005-11	
		Date Collected	11/19/2003		11/19/2003		11/21/2003		11/21/2003		11/21/2003		4/12/2006		4/12/2006		4/12/2006		4/22/2006	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC																		
PCB-45	70362-45-7	ppt-TOC																		
PCB-46	41464-47-5	ppt-TOC																		
PCB-47	2437-79-8	ppt-TOC																		
PCB-48/75	70362-47-9/3259	ppt-TOC																		
PCB-5/8	PCB-5/8	ppt-TOC																		
PCB-50	62796-65-0	ppt-TOC																		
PCB-51	68194-04-7	ppt-TOC																		
PCB-52/69	35693-99-3/6023	ppt-TOC																		
PCB-53	41464-41-9	ppt-TOC																		
PCB-54	15968-05-5	ppt-TOC																		
PCB-55	74338-24-2	ppt-TOC																		
PCB-56/60	PCB-56/60	ppt-TOC																		
PCB-57	70424-67-8	ppt-TOC																		
PCB-58	41464-49-7	ppt-TOC																		
PCB-6	25569-80-6	ppt-TOC																		
PCB-61/70	PCB-61/70	ppt-TOC																		
PCB-62	54230-22-7	ppt-TOC																		
PCB-63	74472-34-7	ppt-TOC																		
PCB-65	33284-54-7	ppt-TOC																		
PCB-67	73575-53-8	ppt-TOC																		
PCB-68	73575-52-7	ppt-TOC																		
PCB-7/9	PCB-7/9	ppt-TOC																		
PCB-73	74338-23-1	ppt-TOC																		
PCB-74	32690-93-0	ppt-TOC																		
PCB-76/66	PCB-76/66	ppt-TOC																		
PCB-77	32598-13-3	ppt-TOC	96700		86100		71500		150000		88400		17700		37000		103000		83200	
PCB-78	70362-49-1	ppt-TOC																		
PCB-79	41464-48-6	ppt-TOC																		
PCB-80	33284-52-5	ppt-TOC																		
PCB-81	70362-50-4	ppt-TOC	9720		8160		5930		12600		10400		2310		1230		5540		2280	
PCB-82	52663-62-4	ppt-TOC																		
PCB-83	60145-20-2	ppt-TOC																		
PCB-84/92	52663-60-2/5266	ppt-TOC																		
PCB-85/116	PCB-85/116	ppt-TOC																		
PCB-86	55312-69-1	ppt-TOC																		
PCB-87/117/125	38380-02-8/6819	ppt-TOC																		
PCB-88/91	PCB-88/91	ppt-TOC																		
PCB-89	73575-57-2	ppt-TOC																		
PCB-90/101	PCB-90/101	ppt-TOC																		
PCB-93	73575-56-1	ppt-TOC																		
PCB-94	73575-55-0	ppt-TOC																		
PCB-95/98/102	38379-99-6/6023	ppt-TOC																		
PCB-96	73575-54-9	ppt-TOC																		
PCB-97	41464-51-1	ppt-TOC																		
PCB-99	38380-01-7	ppt-TOC																		
Total PCB Congeners (209)	No CAS	ppt-TOC																		
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD011-152		SD012-100		SD014-200		SD014-500		SD01W-040		SD01W-040		SD01W-100		SD01W-100		SD01W-170					
		Sample Name	SD011-152-GRB005-11		SD012-100-GRB005-11		SD014-200-GRB005-11		SD014-500-GRB005-11		SD01W-040-000005-11		SD01W-040-005010-11		SD01W-100-000005-11		SD01W-100-005010-11		SD01W-170-000005-11					
		Date Collected	4/20/2006		4/12/2006		4/12/2006		4/12/2006		4/20/2006		4/20/2006		4/24/2006		4/24/2006		4/18/2006					
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5					
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
PCB-1	2051-60-7	ppt-TOC																						
PCB-100	39485-83-1	ppt-TOC																						
PCB-103	60145-21-3	ppt-TOC																						
PCB-104	56558-16-8	ppt-TOC																						
PCB-105	32598-14-4	ppt-TOC	53300		274000		2150000		281000		403000		349000		223000		219000		224000					
PCB-106/118	PCB-106/118	ppt-TOC	174000		737000		5960000		801000		1030000		940000		591000		650000		557000					
PCB-107/109	70424-68-9/7447	ppt-TOC																						
PCB-108/112	70362-41-3/7447	ppt-TOC																						
PCB-11	2050-67-1	ppt-TOC																						
PCB-110	38380-03-9	ppt-TOC																						
PCB-111/115	PCB-111/115	ppt-TOC																						
PCB-113	68194-10-5	ppt-TOC																						
PCB-114	74472-37-0	ppt-TOC	3400		17900		165000		16400		20600		17900		13600		14500		13500					
PCB-119	56558-17-9	ppt-TOC																						
PCB-12/13	PCB-12/13	ppt-TOC																						
PCB-120	68194-12-7	ppt-TOC																						
PCB-121	56558-18-0	ppt-TOC																						
PCB-122	76842-07-4	ppt-TOC																						
PCB-123	65510-44-3	ppt-TOC	2940		16300		155000		17800		25900		21100		13100		15000		9970					
PCB-124	70424-70-3	ppt-TOC																						
PCB-126	57465-28-8	ppt-TOC	826		4110		24000		4980		5900		5780		3720		3600		3660					
PCB-127	39635-33-1	ppt-TOC																						
PCB-128/162	PCB-128/162	ppt-TOC																						
PCB-129	55215-18-4	ppt-TOC																						
PCB-130	52663-66-8	ppt-TOC																						
PCB-131	61798-70-7	ppt-TOC																						
PCB-132/161	38380-05-1/7447	ppt-TOC																						
PCB-133/142	PCB-133/142	ppt-TOC																						
PCB-134/143	PCB-134/143	ppt-TOC																						
PCB-135	52744-13-5	ppt-TOC																						
PCB-136	38411-22-2	ppt-TOC																						
PCB-137	35694-06-5	ppt-TOC																						
PCB-138/163/164	35065-28-2/7447	ppt-TOC																						
PCB-139/149	PCB-139/149	ppt-TOC																						
PCB-14	34883-41-5	ppt-TOC																						
PCB-140	59291-64-4	ppt-TOC																						
PCB-141	52712-04-6	ppt-TOC																						
PCB-144	68194-14-9	ppt-TOC																						
PCB-145	74472-40-5	ppt-TOC																						
PCB-146/165	51908-16-8/7447	ppt-TOC																						
PCB-147	68194-13-8	ppt-TOC																						
PCB-148	74472-41-6	ppt-TOC																						
PCB-15	2050-68-2	ppt-TOC																						
PCB-150	68194-08-1	ppt-TOC																						
PCB-151	52663-63-5	ppt-TOC																						
PCB-152	68194-09-2	ppt-TOC																						
PCB-153	35065-27-1	ppt-TOC																						
PCB-154	60145-22-4	ppt-TOC																						
PCB-155	33979-03-2	ppt-TOC																						
PCB-156	38380-08-4	ppt-TOC	17400		66100		528000		64100		93300		81300		54900		59700		54800					
PCB-157	69782-90-7	ppt-TOC	4240		16200		118000		15700		20200		19300		12400		14200		12200					
PCB-158/160	74472-42-7/4141	ppt-TOC																						
PCB-159	39635-35-3	ppt-TOC																						
PCB-16/32	PCB-16/32	ppt-TOC																						
PCB-166	41411-63-6	ppt-TOC																						
PCB-167	52663-72-6	ppt-TOC	7420		29100		208000		30300		42700		37700		24200		27600		23500					
PCB-168	59291-65-5	ppt-TOC																						
PCB-169	32774-16-6	ppt-TOC	116	U	253	U	3270		568	U	510		623	U	204		459	U	262	U				
PCB-17	37680-66-3	ppt-TOC																						
PCB-170	35065-30-6	ppt-TOC																						
PCB-171	52663-71-5	ppt-TOC																						

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD011-152		SD012-100		SD014-200		SD014-500		SD01W-040		SD01W-040		SD01W-100		SD01W-100		SD01W-170	
		Sample Name	SD011-152-GRB005-11		SD012-100-GRB005-11		SD014-200-GRB005-11		SD014-500-GRB005-11		SD01W-040-000005-11		SD01W-040-005010-11		SD01W-100-000005-11		SD01W-100-005010-11		SD01W-170-000005-11	
		Date Collected	4/20/2006		4/12/2006		4/12/2006		4/12/2006		4/20/2006		4/20/2006		4/24/2006		4/24/2006		4/18/2006	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC																		
PCB-173	68194-16-1	ppt-TOC																		
PCB-174	38411-25-5	ppt-TOC																		
PCB-175	40186-70-7	ppt-TOC																		
PCB-176	52663-65-7	ppt-TOC																		
PCB-177	52663-70-4	ppt-TOC																		
PCB-178	52663-67-9	ppt-TOC																		
PCB-179	52663-64-6	ppt-TOC																		
PCB-18	37680-65-2	ppt-TOC																		
PCB-180	35065-29-3	ppt-TOC																		
PCB-181	74472-47-2	ppt-TOC																		
PCB-182/187	PCB-182/187	ppt-TOC																		
PCB-183	52663-69-1	ppt-TOC																		
PCB-184	74472-48-3	ppt-TOC																		
PCB-185	52712-05-7	ppt-TOC																		
PCB-186	74472-49-4	ppt-TOC																		
PCB-188	74487-85-7	ppt-TOC																		
PCB-189	39635-31-9	ppt-TOC	1690		5250		42000		7300		13400		11500		6100		6500		5250	
PCB-19	38444-73-4	ppt-TOC																		
PCB-190	41411-64-7	ppt-TOC																		
PCB-191	74472-50-7	ppt-TOC																		
PCB-192	74472-51-8	ppt-TOC																		
PCB-193	69782-91-8	ppt-TOC																		
PCB-194	35694-08-7	ppt-TOC																		
PCB-195	52663-78-2	ppt-TOC																		
PCB-196/203	PCB-196/203	ppt-TOC																		
PCB-197	33091-17-7	ppt-TOC																		
PCB-198	68194-17-2	ppt-TOC																		
PCB-199	52663-75-9	ppt-TOC																		
PCB-2	2051-61-8	ppt-TOC																		
PCB-20/21/33	38444-84-7/5570	ppt-TOC																		
PCB-200	52663-73-7	ppt-TOC																		
PCB-201	40186-71-8	ppt-TOC																		
PCB-202	2136-99-4	ppt-TOC																		
PCB-204	74472-52-9	ppt-TOC																		
PCB-205	74472-53-0	ppt-TOC																		
PCB-206	40186-72-9	ppt-TOC																		
PCB-207	52663-79-3	ppt-TOC																		
PCB-208	52663-77-1	ppt-TOC																		
PCB-209	2051-24-3	ppt-TOC	78600		70200		108000		81900		187000		137000		92000		228000		110000	
PCB-22	38444-85-8	ppt-TOC																		
PCB-23	55720-44-0	ppt-TOC																		
PCB-24/27	PCB-24/27	ppt-TOC																		
PCB-25	55712-37-3	ppt-TOC																		
PCB-26	38444-81-4	ppt-TOC																		
PCB-28	7012-37-5	ppt-TOC																		
PCB-29	15862-07-4	ppt-TOC																		
PCB-3	2051-62-9	ppt-TOC																		
PCB-30	35693-92-6	ppt-TOC																		
PCB-31	16606-02-3	ppt-TOC																		
PCB-34	37680-68-5	ppt-TOC																		
PCB-35	37680-69-6	ppt-TOC																		
PCB-36	38444-87-0	ppt-TOC																		
PCB-37	38444-90-5	ppt-TOC																		
PCB-38	53555-66-1	ppt-TOC																		
PCB-39	38444-88-1	ppt-TOC																		
PCB-4/10	PCB-4/10	ppt-TOC																		
PCB-40	38444-93-8	ppt-TOC																		
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC																		
PCB-42/59	36559-22-5/7447	ppt-TOC																		
PCB-43/49	PCB-43/49	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD011-152		SD012-100		SD014-200		SD014-500		SD01W-040		SD01W-040		SD01W-100		SD01W-100		SD01W-170			
		Sample Name	SD011-152-GRB005-11		SD012-100-GRB005-11		SD014-200-GRB005-11		SD014-500-GRB005-11		SD01W-040-000005-11		SD01W-040-005010-11		SD01W-100-000005-11		SD01W-100-005010-11		SD01W-170-000005-11			
		Date Collected	4/20/2006		4/12/2006		4/12/2006		4/12/2006		4/20/2006		4/20/2006		4/24/2006		4/24/2006		4/18/2006			
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-44	41464-39-5	ppt-TOC																				
PCB-45	70362-45-7	ppt-TOC																				
PCB-46	41464-47-5	ppt-TOC																				
PCB-47	2437-79-8	ppt-TOC																				
PCB-48/75	70362-47-9/3259	ppt-TOC																				
PCB-5/8	PCB-5/8	ppt-TOC																				
PCB-50	62796-65-0	ppt-TOC																				
PCB-51	68194-04-7	ppt-TOC																				
PCB-52/69	35693-99-3/6023	ppt-TOC																				
PCB-53	41464-41-9	ppt-TOC																				
PCB-54	15968-05-5	ppt-TOC																				
PCB-55	74338-24-2	ppt-TOC																				
PCB-56/60	PCB-56/60	ppt-TOC																				
PCB-57	70424-67-8	ppt-TOC																				
PCB-58	41464-49-7	ppt-TOC																				
PCB-6	25569-80-6	ppt-TOC																				
PCB-61/70	PCB-61/70	ppt-TOC																				
PCB-62	54230-22-7	ppt-TOC																				
PCB-63	74472-34-7	ppt-TOC																				
PCB-65	33284-54-7	ppt-TOC																				
PCB-67	73575-53-8	ppt-TOC																				
PCB-68	73575-52-7	ppt-TOC																				
PCB-7/9	PCB-7/9	ppt-TOC																				
PCB-73	74338-23-1	ppt-TOC																				
PCB-74	32690-93-0	ppt-TOC																				
PCB-76/66	PCB-76/66	ppt-TOC																				
PCB-77	32598-13-3	ppt-TOC	12300		85900		534000		120000		165000		170000		97900		108000		93300			
PCB-78	70362-49-1	ppt-TOC																				
PCB-79	41464-48-6	ppt-TOC																				
PCB-80	33284-52-5	ppt-TOC																				
PCB-81	70362-50-4	ppt-TOC	847		5110		16500		2550		7150		3020		3940		3240		3820			
PCB-82	52663-62-4	ppt-TOC																				
PCB-83	60145-20-2	ppt-TOC																				
PCB-84/92	52663-60-2/5266	ppt-TOC																				
PCB-85/116	PCB-85/116	ppt-TOC																				
PCB-86	55312-69-1	ppt-TOC																				
PCB-87/117/125	38380-02-8/6819	ppt-TOC																				
PCB-88/91	PCB-88/91	ppt-TOC																				
PCB-89	73575-57-2	ppt-TOC																				
PCB-90/101	PCB-90/101	ppt-TOC																				
PCB-93	73575-56-1	ppt-TOC																				
PCB-94	73575-55-0	ppt-TOC																				
PCB-95/98/102	38379-99-6/6023	ppt-TOC																				
PCB-96	73575-54-9	ppt-TOC																				
PCB-97	41464-51-1	ppt-TOC																				
PCB-99	38380-01-7	ppt-TOC																				
Total PCB Congeners (209)	No CAS	ppt-TOC																				
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC																				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD01W-170		SD01W-250		SD01W-250		SD02E-025		SD02E-060		SD02E-075		SD02E-075		SD02E-075		SD02E-075			
		Sample Name	SD01W-170-005010-11		SD01W-250-000005-11		SD01W-250-005010-11		SD02E-025-000005-203		SD02E-060-GRB005-11		SD02E-075-000005-103		SD02E-075-000005-203		SD02E-075-015020-203		SD02E-075-035040-203			
		Date Collected	4/18/2006		4/19/2006		4/19/2006		11/21/2003		4/12/2006		10/16/2003		11/20/2003		11/20/2003		11/20/2003			
		Depth	0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-1	2051-60-7	ppt-TOC																				
PCB-100	39485-83-1	ppt-TOC																				
PCB-103	60145-21-3	ppt-TOC																				
PCB-104	56558-16-8	ppt-TOC																				
PCB-105	32598-14-4	ppt-TOC	187000		181000		222000		246000		1080000		454000		211000		250000		212000			
PCB-106/118	PCB-106/118	ppt-TOC	445000		418000		545000		707000		2370000		1130000		596000		699000		643000			
PCB-107/109	70424-68-9/7447	ppt-TOC																				
PCB-108/112	70362-41-3/7447	ppt-TOC																				
PCB-11	2050-67-1	ppt-TOC																				
PCB-110	38380-03-9	ppt-TOC																				
PCB-111/115	PCB-111/115	ppt-TOC																				
PCB-113	68194-10-5	ppt-TOC																				
PCB-114	74472-37-0	ppt-TOC	11600		11100		14500		14200		55300		27700		12200		13900		10800			
PCB-119	56558-17-9	ppt-TOC																				
PCB-12/13	PCB-12/13	ppt-TOC																				
PCB-120	68194-12-7	ppt-TOC																				
PCB-121	56558-18-0	ppt-TOC																				
PCB-122	76842-07-4	ppt-TOC																				
PCB-123	65510-44-3	ppt-TOC	8610		8210		8450		14800		64100		22800		11500		13200		11700			
PCB-124	70424-70-3	ppt-TOC																				
PCB-126	57465-28-8	ppt-TOC	3110		2880		3760		3870		12500		5090		3070		3350		2890			
PCB-127	39635-33-1	ppt-TOC																				
PCB-128/162	PCB-128/162	ppt-TOC																				
PCB-129	55215-18-4	ppt-TOC																				
PCB-130	52663-66-8	ppt-TOC																				
PCB-131	61798-70-7	ppt-TOC																				
PCB-132/161	38380-05-1/7447	ppt-TOC																				
PCB-133/142	PCB-133/142	ppt-TOC																				
PCB-134/143	PCB-134/143	ppt-TOC																				
PCB-135	52744-13-5	ppt-TOC																				
PCB-136	38411-22-2	ppt-TOC																				
PCB-137	35694-06-5	ppt-TOC																				
PCB-138/163/164	35065-28-2/7447	ppt-TOC																				
PCB-139/149	PCB-139/149	ppt-TOC																				
PCB-14	34883-41-5	ppt-TOC																				
PCB-140	59291-64-4	ppt-TOC																				
PCB-141	52712-04-6	ppt-TOC																				
PCB-144	68194-14-9	ppt-TOC																				
PCB-145	74472-40-5	ppt-TOC																				
PCB-146/165	51908-16-8/7447	ppt-TOC																				
PCB-147	68194-13-8	ppt-TOC																				
PCB-148	74472-41-6	ppt-TOC																				
PCB-15	2050-68-2	ppt-TOC																				
PCB-150	68194-08-1	ppt-TOC																				
PCB-151	52663-63-5	ppt-TOC																				
PCB-152	68194-09-2	ppt-TOC																				
PCB-153	35065-27-1	ppt-TOC																				
PCB-154	60145-22-4	ppt-TOC																				
PCB-155	33979-03-2	ppt-TOC																				
PCB-156	38380-08-4	ppt-TOC	44500		40800		51100		65000		150000		86300		51400		59900		55000			
PCB-157	69782-90-7	ppt-TOC	9890		8800		11600		14000		36600		18700		12100		13800		12700			
PCB-158/160	74472-42-7/4141	ppt-TOC																				
PCB-159	39635-35-3	ppt-TOC																				
PCB-16/32	PCB-16/32	ppt-TOC																				
PCB-166	41411-63-6	ppt-TOC																				
PCB-167	52663-72-6	ppt-TOC	19100		18200		23100		28800		60700		35700		23700		27200		24700			
PCB-168	59291-65-5	ppt-TOC																				
PCB-169	32774-16-6	ppt-TOC	242	U	169	U	328	U	7120	U	461	U	823		1530	U	1430	U	1240	U		
PCB-17	37680-66-3	ppt-TOC																				
PCB-170	35065-30-6	ppt-TOC							197000				235000		136000		163000		151000			
PCB-171	52663-71-5	ppt-TOC																				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD01W-170		SD01W-250		SD01W-250		SD02E-025		SD02E-060		SD02E-075		SD02E-075		SD02E-075		SD02E-075	
		Sample Name	SD01W-170-005010-11		SD01W-250-000005-11		SD01W-250-005010-11		SD02E-025-000005-203		SD02E-060-GRB005-11		SD02E-075-000005-103		SD02E-075-000005-203		SD02E-075-015020-203		SD02E-075-035040-203	
		Date Collected	4/18/2006		4/19/2006		4/19/2006		11/21/2003		4/12/2006		10/16/2003		11/20/2003		11/20/2003		11/20/2003	
		Depth	0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC																		
PCB-173	68194-16-1	ppt-TOC																		
PCB-174	38411-25-5	ppt-TOC																		
PCB-175	40186-70-7	ppt-TOC																		
PCB-176	52663-65-7	ppt-TOC																		
PCB-177	52663-70-4	ppt-TOC																		
PCB-178	52663-67-9	ppt-TOC																		
PCB-179	52663-64-6	ppt-TOC																		
PCB-18	37680-65-2	ppt-TOC																		
PCB-180	35065-29-3	ppt-TOC							496000				691000		353000		415000		384000	
PCB-181	74472-47-2	ppt-TOC																		
PCB-182/187	PCB-182/187	ppt-TOC																		
PCB-183	52663-69-1	ppt-TOC																		
PCB-184	74472-48-3	ppt-TOC																		
PCB-185	52712-05-7	ppt-TOC																		
PCB-186	74472-49-4	ppt-TOC																		
PCB-188	74487-85-7	ppt-TOC																		
PCB-189	39635-31-9	ppt-TOC	4480		4570		5280		7460		11300		9770		5080		6300		5730	
PCB-19	38444-73-4	ppt-TOC																		
PCB-190	41411-64-7	ppt-TOC																		
PCB-191	74472-50-7	ppt-TOC																		
PCB-192	74472-51-8	ppt-TOC																		
PCB-193	69782-91-8	ppt-TOC																		
PCB-194	35694-08-7	ppt-TOC																		
PCB-195	52663-78-2	ppt-TOC																		
PCB-196/203	PCB-196/203	ppt-TOC																		
PCB-197	33091-17-7	ppt-TOC																		
PCB-198	68194-17-2	ppt-TOC																		
PCB-199	52663-75-9	ppt-TOC																		
PCB-2	2051-61-8	ppt-TOC																		
PCB-20/21/33	38444-84-7/5570	ppt-TOC																		
PCB-200	52663-73-7	ppt-TOC																		
PCB-201	40186-71-8	ppt-TOC																		
PCB-202	2136-99-4	ppt-TOC																		
PCB-204	74472-52-9	ppt-TOC																		
PCB-205	74472-53-0	ppt-TOC																		
PCB-206	40186-72-9	ppt-TOC																		
PCB-207	52663-79-3	ppt-TOC																		
PCB-208	52663-77-1	ppt-TOC																		
PCB-209	2051-24-3	ppt-TOC	80700		70200		88800		99100		155000				91500		101000		88700	
PCB-22	38444-85-8	ppt-TOC																		
PCB-23	55720-44-0	ppt-TOC																		
PCB-24/27	PCB-24/27	ppt-TOC																		
PCB-25	55712-37-3	ppt-TOC																		
PCB-26	38444-81-4	ppt-TOC																		
PCB-28	7012-37-5	ppt-TOC																		
PCB-29	15862-07-4	ppt-TOC																		
PCB-3	2051-62-9	ppt-TOC																		
PCB-30	35693-92-6	ppt-TOC																		
PCB-31	16606-02-3	ppt-TOC																		
PCB-34	37680-68-5	ppt-TOC																		
PCB-35	37680-69-6	ppt-TOC																		
PCB-36	38444-87-0	ppt-TOC																		
PCB-37	38444-90-5	ppt-TOC																		
PCB-38	53555-66-1	ppt-TOC																		
PCB-39	38444-88-1	ppt-TOC																		
PCB-4/10	PCB-4/10	ppt-TOC																		
PCB-40	38444-93-8	ppt-TOC																		
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC																		
PCB-42/59	36559-22-5/7447	ppt-TOC																		
PCB-43/49	PCB-43/49	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD01W-170		SD01W-250		SD01W-250		SD02E-025		SD02E-060		SD02E-075		SD02E-075		SD02E-075		SD02E-075			
		Sample Name	SD01W-170-005010-11		SD01W-250-000005-11		SD01W-250-005010-11		SD02E-025-000005-203		SD02E-060-GRB005-11		SD02E-075-000005-103		SD02E-075-000005-203		SD02E-075-015020-203		SD02E-075-035040-203			
		Date Collected	4/18/2006		4/19/2006		4/19/2006		11/21/2003		4/12/2006		10/16/2003		11/20/2003		11/20/2003		11/20/2003			
		Depth	0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB-44	41464-39-5	ppt-TOC																				
PCB-45	70362-45-7	ppt-TOC																				
PCB-46	41464-47-5	ppt-TOC																				
PCB-47	2437-79-8	ppt-TOC																				
PCB-48/75	70362-47-9/3259	ppt-TOC																				
PCB-5/8	PCB-5/8	ppt-TOC																				
PCB-50	62796-65-0	ppt-TOC																				
PCB-51	68194-04-7	ppt-TOC																				
PCB-52/69	35693-99-3/6023	ppt-TOC																				
PCB-53	41464-41-9	ppt-TOC																				
PCB-54	15968-05-5	ppt-TOC																				
PCB-55	74338-24-2	ppt-TOC																				
PCB-56/60	PCB-56/60	ppt-TOC																				
PCB-57	70424-67-8	ppt-TOC																				
PCB-58	41464-49-7	ppt-TOC																				
PCB-6	25569-80-6	ppt-TOC																				
PCB-61/70	PCB-61/70	ppt-TOC																				
PCB-62	54230-22-7	ppt-TOC																				
PCB-63	74472-34-7	ppt-TOC																				
PCB-65	33284-54-7	ppt-TOC																				
PCB-67	73575-53-8	ppt-TOC																				
PCB-68	73575-52-7	ppt-TOC																				
PCB-7/9	PCB-7/9	ppt-TOC																				
PCB-73	74338-23-1	ppt-TOC																				
PCB-74	32690-93-0	ppt-TOC																				
PCB-76/66	PCB-76/66	ppt-TOC																				
PCB-77	32598-13-3	ppt-TOC	70500		76800		101000		140000		383000		125000		98500		114000		120000			
PCB-78	70362-49-1	ppt-TOC																				
PCB-79	41464-48-6	ppt-TOC																				
PCB-80	33284-52-5	ppt-TOC																				
PCB-81	70362-50-4	ppt-TOC	3490		7530		8710		11200		20700		13500		8810		10300		9220			
PCB-82	52663-62-4	ppt-TOC																				
PCB-83	60145-20-2	ppt-TOC																				
PCB-84/92	52663-60-2/5266	ppt-TOC																				
PCB-85/116	PCB-85/116	ppt-TOC																				
PCB-86	55312-69-1	ppt-TOC																				
PCB-87/117/125	38380-02-8/6819	ppt-TOC																				
PCB-88/91	PCB-88/91	ppt-TOC																				
PCB-89	73575-57-2	ppt-TOC																				
PCB-90/101	PCB-90/101	ppt-TOC																				
PCB-93	73575-56-1	ppt-TOC																				
PCB-94	73575-55-0	ppt-TOC																				
PCB-95/98/102	38379-99-6/6023	ppt-TOC																				
PCB-96	73575-54-9	ppt-TOC																				
PCB-97	41464-51-1	ppt-TOC																				
PCB-99	38380-01-7	ppt-TOC																				
Total PCB Congeners (209)	No CAS	ppt-TOC																				
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC																				

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD02E-160		SD02E-160		SD02W-200		SD03E-025		SD03E-025		SD03E-042		SD03E-075		SD03E-075		SD03W-200	
		Sample Name	SD02E-160-000005-11		SD02E-160-005010-11		SD02W-200-035040-203		SD03E-025-000005-203		SD03E-025-015020-203		SD03E-042-GRB005-11		SD03E-075-000005-203		SD03E-075-015020-203		SD03W-200-000005-203	
		Date Collected	4/20/2006		4/20/2006		12/2/2003		11/16/2003		11/16/2003		4/12/2006		11/17/2003		11/17/2003		11/24/2003	
		Depth	0.0-0.5		0.5-1.0		3.4-3.9		0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5		1.4-2.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC																		
PCB-100	39485-83-1	ppt-TOC																		
PCB-103	60145-21-3	ppt-TOC																		
PCB-104	56558-16-8	ppt-TOC																		
PCB-105	32598-14-4	ppt-TOC	221000		356000		1130	U	46800		7930	U	289000		1580	U	11200	U	19000	
PCB-106/118	PCB-106/118	ppt-TOC	678000		1150000		3670		130000		4040		966000		2040		11200	U	53700	
PCB-107/109	70424-68-9/7447	ppt-TOC																		
PCB-108/112	70362-41-3/7447	ppt-TOC																		
PCB-11	2050-67-1	ppt-TOC																		
PCB-110	38380-03-9	ppt-TOC																		
PCB-111/115	PCB-111/115	ppt-TOC																		
PCB-113	68194-10-5	ppt-TOC																		
PCB-114	74472-37-0	ppt-TOC	13500		20000		1130	U	3240		7930	U	11100		1580	U	11200	U	4970	U
PCB-119	56558-17-9	ppt-TOC																		
PCB-12/13	PCB-12/13	ppt-TOC																		
PCB-120	68194-12-7	ppt-TOC																		
PCB-121	56558-18-0	ppt-TOC																		
PCB-122	76842-07-4	ppt-TOC																		
PCB-123	65510-44-3	ppt-TOC	13700		23300		1130	U	2750		7930	U	20200		1580	U	11200	U	4970	U
PCB-124	70424-70-3	ppt-TOC																		
PCB-126	57465-28-8	ppt-TOC	3470		5490		1130	U	12100	U	7930	U	4510		1580	U	11200	U	4970	U
PCB-127	39635-33-1	ppt-TOC																		
PCB-128/162	PCB-128/162	ppt-TOC																		
PCB-129	55215-18-4	ppt-TOC																		
PCB-130	52663-66-8	ppt-TOC																		
PCB-131	61798-70-7	ppt-TOC																		
PCB-132/161	38380-05-1/7447	ppt-TOC																		
PCB-133/142	PCB-133/142	ppt-TOC																		
PCB-134/143	PCB-134/143	ppt-TOC																		
PCB-135	52744-13-5	ppt-TOC																		
PCB-136	38411-22-2	ppt-TOC																		
PCB-137	35694-06-5	ppt-TOC																		
PCB-138/163/164	35065-28-2/7447	ppt-TOC																		
PCB-139/149	PCB-139/149	ppt-TOC																		
PCB-14	34883-41-5	ppt-TOC																		
PCB-140	59291-64-4	ppt-TOC																		
PCB-141	52712-04-6	ppt-TOC																		
PCB-144	68194-14-9	ppt-TOC																		
PCB-145	74472-40-5	ppt-TOC																		
PCB-146/165	51908-16-8/7447	ppt-TOC																		
PCB-147	68194-13-8	ppt-TOC																		
PCB-148	74472-41-6	ppt-TOC																		
PCB-15	2050-68-2	ppt-TOC																		
PCB-150	68194-08-1	ppt-TOC																		
PCB-151	52663-63-5	ppt-TOC																		
PCB-152	68194-09-2	ppt-TOC																		
PCB-153	35065-27-1	ppt-TOC																		
PCB-154	60145-22-4	ppt-TOC																		
PCB-155	33979-03-2	ppt-TOC																		
PCB-156	38380-08-4	ppt-TOC	58000		101000		1130	U	11200		7930	U	95600		1580	U	11200	U	4970	U
PCB-157	69782-90-7	ppt-TOC	14300		23700		1130	U	2980		7930	U	23400		1580	U	11200	U	4970	U
PCB-158/160	74472-42-7/4141	ppt-TOC																		
PCB-159	39635-35-3	ppt-TOC																		
PCB-16/32	PCB-16/32	ppt-TOC																		
PCB-166	41411-63-6	ppt-TOC																		
PCB-167	52663-72-6	ppt-TOC	27100		44400		1130	U	5390		7930	U	44500		1580	U	11200	U	4970	U
PCB-168	59291-65-5	ppt-TOC																		
PCB-169	32774-16-6	ppt-TOC	497	U	539	U	1130	U	12100	U	7930	U	302	U	1580	U	11200	U	4970	U
PCB-17	37680-66-3	ppt-TOC																		
PCB-170	35065-30-6	ppt-TOC					1130	U	26100		1580				1580	U	11200	U	11200	
PCB-171	52663-71-5	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD02E-160		SD02E-160		SD02W-200		SD03E-025		SD03E-025		SD03E-042		SD03E-075		SD03E-075		SD03W-200				
		Sample Name	SD02E-160-000005-11		SD02E-160-005010-11		SD02W-200-035040-203		SD03E-025-000005-203		SD03E-025-015020-203		SD03E-042-GRB005-11		SD03E-075-000005-203		SD03E-075-015020-203		SD03W-200-000005-203				
		Date Collected	4/20/2006		4/20/2006		12/2/2003		11/16/2003		11/16/2003		4/12/2006		11/17/2003		11/17/2003		11/24/2003				
		Depth	0.0-0.5		0.5-1.0		3.4-3.9		0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5		1.4-2.0		0.0-0.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-172	52663-74-8	ppt-TOC																					
PCB-173	68194-16-1	ppt-TOC																					
PCB-174	38411-25-5	ppt-TOC																					
PCB-175	40186-70-7	ppt-TOC																					
PCB-176	52663-65-7	ppt-TOC																					
PCB-177	52663-70-4	ppt-TOC																					
PCB-178	52663-67-9	ppt-TOC																					
PCB-179	52663-64-6	ppt-TOC																					
PCB-18	37680-65-2	ppt-TOC																					
PCB-180	35065-29-3	ppt-TOC					1780		65800		4110				1580	U	11200	U	29300				
PCB-181	74472-47-2	ppt-TOC																					
PCB-182/187	PCB-182/187	ppt-TOC																					
PCB-183	52663-69-1	ppt-TOC																					
PCB-184	74472-48-3	ppt-TOC																					
PCB-185	52712-05-7	ppt-TOC																					
PCB-186	74472-49-4	ppt-TOC																					
PCB-188	74487-85-7	ppt-TOC																					
PCB-189	39635-31-9	ppt-TOC	6580		11300		1130	U	12100	U	7930	U	6550		1580	U	11200	U	4970	U			
PCB-19	38444-73-4	ppt-TOC																					
PCB-190	41411-64-7	ppt-TOC																					
PCB-191	74472-50-7	ppt-TOC																					
PCB-192	74472-51-8	ppt-TOC																					
PCB-193	69782-91-8	ppt-TOC																					
PCB-194	35694-08-7	ppt-TOC																					
PCB-195	52663-78-2	ppt-TOC																					
PCB-196/203	PCB-196/203	ppt-TOC																					
PCB-197	33091-17-7	ppt-TOC																					
PCB-198	68194-17-2	ppt-TOC																					
PCB-199	52663-75-9	ppt-TOC																					
PCB-2	2051-61-8	ppt-TOC																					
PCB-20/21/33	38444-84-7/5570	ppt-TOC																					
PCB-200	52663-73-7	ppt-TOC																					
PCB-201	40186-71-8	ppt-TOC																					
PCB-202	2136-99-4	ppt-TOC																					
PCB-204	74472-52-9	ppt-TOC																					
PCB-205	74472-53-0	ppt-TOC																					
PCB-206	40186-72-9	ppt-TOC																					
PCB-207	52663-79-3	ppt-TOC																					
PCB-208	52663-77-1	ppt-TOC																					
PCB-209	2051-24-3	ppt-TOC	124000		157000		1700	U	20500		2660		28100		2380	U	16800	U	9160				
PCB-22	38444-85-8	ppt-TOC																					
PCB-23	55720-44-0	ppt-TOC																					
PCB-24/27	PCB-24/27	ppt-TOC																					
PCB-25	55712-37-3	ppt-TOC																					
PCB-26	38444-81-4	ppt-TOC																					
PCB-28	7012-37-5	ppt-TOC																					
PCB-29	15862-07-4	ppt-TOC																					
PCB-3	2051-62-9	ppt-TOC																					
PCB-30	35693-92-6	ppt-TOC																					
PCB-31	16606-02-3	ppt-TOC																					
PCB-34	37680-68-5	ppt-TOC																					
PCB-35	37680-69-6	ppt-TOC																					
PCB-36	38444-87-0	ppt-TOC																					
PCB-37	38444-90-5	ppt-TOC																					
PCB-38	53555-66-1	ppt-TOC																					
PCB-39	38444-88-1	ppt-TOC																					
PCB-4/10	PCB-4/10	ppt-TOC																					
PCB-40	38444-93-8	ppt-TOC																					
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC																					
PCB-42/59	36559-22-5/7447	ppt-TOC																					
PCB-43/49	PCB-43/49	ppt-TOC																					

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD02E-160		SD02E-160		SD02W-200		SD03E-025		SD03E-025		SD03E-042		SD03E-075		SD03E-075		SD03W-200				
		Sample Name	SD02E-160-000005-11		SD02E-160-005010-11		SD02W-200-035040-203		SD03E-025-000005-203		SD03E-025-015020-203		SD03E-042-GRB005-11		SD03E-075-000005-203		SD03E-075-015020-203		SD03W-200-000005-203				
		Date Collected	4/20/2006		4/20/2006		12/2/2003		11/16/2003		11/16/2003		4/12/2006		11/17/2003		11/17/2003		11/24/2003				
		Depth	0.0-0.5		0.5-1.0		3.4-3.9		0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5		1.4-2.0		0.0-0.5				
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft				
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N				
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB-44	41464-39-5	ppt-TOC																					
PCB-45	70362-45-7	ppt-TOC																					
PCB-46	41464-47-5	ppt-TOC																					
PCB-47	2437-79-8	ppt-TOC																					
PCB-48/75	70362-47-9/3259	ppt-TOC																					
PCB-5/8	PCB-5/8	ppt-TOC																					
PCB-50	62796-65-0	ppt-TOC																					
PCB-51	68194-04-7	ppt-TOC																					
PCB-52/69	35693-99-3/6023	ppt-TOC																					
PCB-53	41464-41-9	ppt-TOC																					
PCB-54	15968-05-5	ppt-TOC																					
PCB-55	74338-24-2	ppt-TOC																					
PCB-56/60	PCB-56/60	ppt-TOC																					
PCB-57	70424-67-8	ppt-TOC																					
PCB-58	41464-49-7	ppt-TOC																					
PCB-6	25569-80-6	ppt-TOC																					
PCB-61/70	PCB-61/70	ppt-TOC																					
PCB-62	54230-22-7	ppt-TOC																					
PCB-63	74472-34-7	ppt-TOC																					
PCB-65	33284-54-7	ppt-TOC																					
PCB-67	73575-53-8	ppt-TOC																					
PCB-68	73575-52-7	ppt-TOC																					
PCB-7/9	PCB-7/9	ppt-TOC																					
PCB-73	74338-23-1	ppt-TOC																					
PCB-74	32690-93-0	ppt-TOC																					
PCB-76/66	PCB-76/66	ppt-TOC																					
PCB-77	32598-13-3	ppt-TOC	111000		175000		1130	U	17700		7930	U	40400		1580	U	11200	U	8600				
PCB-78	70362-49-1	ppt-TOC																					
PCB-79	41464-48-6	ppt-TOC																					
PCB-80	33284-52-5	ppt-TOC																					
PCB-81	70362-50-4	ppt-TOC	3720		5590		1130	U	12100	U	7930	U	7520		1580	U	11200	U	4970	U			
PCB-82	52663-62-4	ppt-TOC																					
PCB-83	60145-20-2	ppt-TOC																					
PCB-84/92	52663-60-2/5266	ppt-TOC																					
PCB-85/116	PCB-85/116	ppt-TOC																					
PCB-86	55312-69-1	ppt-TOC																					
PCB-87/117/125	38380-02-8/6819	ppt-TOC																					
PCB-88/91	PCB-88/91	ppt-TOC																					
PCB-89	73575-57-2	ppt-TOC																					
PCB-90/101	PCB-90/101	ppt-TOC																					
PCB-93	73575-56-1	ppt-TOC																					
PCB-94	73575-55-0	ppt-TOC																					
PCB-95/98/102	38379-99-6/6023	ppt-TOC																					
PCB-96	73575-54-9	ppt-TOC																					
PCB-97	41464-51-1	ppt-TOC																					
PCB-99	38380-01-7	ppt-TOC																					
Total PCB Congeners (209)	No CAS	ppt-TOC																					
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC																					

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD0JN-000		SD0JS-400		SD0KE-050		SD13E-005		SD13E-005		SD13E-005		SD13E-050		SD13E-060		SD13E-100	
		Sample Name	SD0JN-000-GRB005-11		SD0JS-400-GRB005-11		SD0KE-050-GRB005-11		SD13E-005-000005-203		SD13E-005-015020-203		SD13E-005-035040-203		SD13E-050-000005-203		SD13E-060-GRB005-11		SD13E-100-000005-203	
		Date Collected	4/22/2006		4/22/2006		4/12/2006		11/17/2003		11/17/2003		11/17/2003		11/17/2003		4/12/2006		11/18/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC																		
PCB-100	39485-83-1	ppt-TOC																		
PCB-103	60145-21-3	ppt-TOC																		
PCB-104	56558-16-8	ppt-TOC																		
PCB-105	32598-14-4	ppt-TOC	159000		157000		197000		149000		108000		1180		35700		197000		1410	
PCB-106/118	PCB-106/118	ppt-TOC	439000		463000		504000		421000		297000		3220		88000		600000		3480	
PCB-107/109	70424-68-9/7447	ppt-TOC																		
PCB-108/112	70362-41-3/7447	ppt-TOC																		
PCB-11	2050-67-1	ppt-TOC																		
PCB-110	38380-03-9	ppt-TOC																		
PCB-111/115	PCB-111/115	ppt-TOC																		
PCB-113	68194-10-5	ppt-TOC																		
PCB-114	74472-37-0	ppt-TOC	9640		10200		9530		8610		6480		1130	U	2090		12000		6470	U
PCB-119	56558-17-9	ppt-TOC																		
PCB-12/13	PCB-12/13	ppt-TOC																		
PCB-120	68194-12-7	ppt-TOC																		
PCB-121	56558-18-0	ppt-TOC																		
PCB-122	76842-07-4	ppt-TOC																		
PCB-123	65510-44-3	ppt-TOC	9370		9630		11900		8370		4480		1130	U	9490	U	8610		6470	U
PCB-124	70424-70-3	ppt-TOC																		
PCB-126	57465-28-8	ppt-TOC	2750		2940		3940		1970		1460		1130	U	9490	U	3010		6470	U
PCB-127	39635-33-1	ppt-TOC																		
PCB-128/162	PCB-128/162	ppt-TOC																		
PCB-129	55215-18-4	ppt-TOC																		
PCB-130	52663-66-8	ppt-TOC																		
PCB-131	61798-70-7	ppt-TOC																		
PCB-132/161	38380-05-1/7447	ppt-TOC																		
PCB-133/142	PCB-133/142	ppt-TOC																		
PCB-134/143	PCB-134/143	ppt-TOC																		
PCB-135	52744-13-5	ppt-TOC																		
PCB-136	38411-22-2	ppt-TOC																		
PCB-137	35694-06-5	ppt-TOC																		
PCB-138/163/164	35065-28-2/7447	ppt-TOC																		
PCB-139/149	PCB-139/149	ppt-TOC																		
PCB-14	34883-41-5	ppt-TOC																		
PCB-140	59291-64-4	ppt-TOC																		
PCB-141	52712-04-6	ppt-TOC																		
PCB-144	68194-14-9	ppt-TOC																		
PCB-145	74472-40-5	ppt-TOC																		
PCB-146/165	51908-16-8/7447	ppt-TOC																		
PCB-147	68194-13-8	ppt-TOC																		
PCB-148	74472-41-6	ppt-TOC																		
PCB-15	2050-68-2	ppt-TOC																		
PCB-150	68194-08-1	ppt-TOC																		
PCB-151	52663-63-5	ppt-TOC																		
PCB-152	68194-09-2	ppt-TOC																		
PCB-153	35065-27-1	ppt-TOC																		
PCB-154	60145-22-4	ppt-TOC																		
PCB-155	33979-03-2	ppt-TOC																		
PCB-156	38380-08-4	ppt-TOC	39400		38100		60700		30300		28300		1130	U	8190		64400		6470	U
PCB-157	69782-90-7	ppt-TOC	9130		9440		16600		7150		6340		1130	U	2840		15100		6470	U
PCB-158/160	74472-42-7/4141	ppt-TOC																		
PCB-159	39635-35-3	ppt-TOC																		
PCB-16/32	PCB-16/32	ppt-TOC																		
PCB-166	41411-63-6	ppt-TOC																		
PCB-167	52663-72-6	ppt-TOC	17700		17000		33400		13800		10600		1130	U	3320		26400		6470	U
PCB-168	59291-65-5	ppt-TOC																		
PCB-169	32774-16-6	ppt-TOC	212	U	258	U	353	U	3580	U	3030	U	1130	U	9490	U	567	U	6470	U
PCB-17	37680-66-3	ppt-TOC																		
PCB-170	35065-30-6	ppt-TOC							82800		78800		1130	U	23000				6470	U
PCB-171	52663-71-5	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD0JN-000		SD0JS-400		SD0KE-050		SD13E-005		SD13E-005		SD13E-005		SD13E-050		SD13E-060		SD13E-100	
		Sample Name	SD0JN-000-GRB005-11		SD0JS-400-GRB005-11		SD0KE-050-GRB005-11		SD13E-005-000005-203		SD13E-005-015020-203		SD13E-005-035040-203		SD13E-050-000005-203		SD13E-060-GRB005-11		SD13E-100-000005-203	
		Date Collected	4/22/2006		4/22/2006		4/12/2006		11/17/2003		11/17/2003		11/17/2003		11/17/2003		4/12/2006		11/18/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC																		
PCB-173	68194-16-1	ppt-TOC																		
PCB-174	38411-25-5	ppt-TOC																		
PCB-175	40186-70-7	ppt-TOC																		
PCB-176	52663-65-7	ppt-TOC																		
PCB-177	52663-70-4	ppt-TOC																		
PCB-178	52663-67-9	ppt-TOC																		
PCB-179	52663-64-6	ppt-TOC																		
PCB-18	37680-65-2	ppt-TOC																		
PCB-180	35065-29-3	ppt-TOC							217000		242000		1930		92400				6470	
PCB-181	74472-47-2	ppt-TOC																		
PCB-182/187	PCB-182/187	ppt-TOC																		
PCB-183	52663-69-1	ppt-TOC																		
PCB-184	74472-48-3	ppt-TOC																		
PCB-185	52712-05-7	ppt-TOC																		
PCB-186	74472-49-4	ppt-TOC																		
PCB-188	74487-85-7	ppt-TOC																		
PCB-189	39635-31-9	ppt-TOC	4660		4290		6600		3400		2810		1130	U	9490	U	4750		6470	U
PCB-19	38444-73-4	ppt-TOC																		
PCB-190	41411-64-7	ppt-TOC																		
PCB-191	74472-50-7	ppt-TOC																		
PCB-192	74472-51-8	ppt-TOC																		
PCB-193	69782-91-8	ppt-TOC																		
PCB-194	35694-08-7	ppt-TOC																		
PCB-195	52663-78-2	ppt-TOC																		
PCB-196/203	PCB-196/203	ppt-TOC																		
PCB-197	33091-17-7	ppt-TOC																		
PCB-198	68194-17-2	ppt-TOC																		
PCB-199	52663-75-9	ppt-TOC																		
PCB-2	2051-61-8	ppt-TOC																		
PCB-20/21/33	38444-84-7/5570	ppt-TOC																		
PCB-200	52663-73-7	ppt-TOC																		
PCB-201	40186-71-8	ppt-TOC																		
PCB-202	2136-99-4	ppt-TOC																		
PCB-204	74472-52-9	ppt-TOC																		
PCB-205	74472-53-0	ppt-TOC																		
PCB-206	40186-72-9	ppt-TOC																		
PCB-207	52663-79-3	ppt-TOC																		
PCB-208	52663-77-1	ppt-TOC																		
PCB-209	2051-24-3	ppt-TOC	68100		68900		654000		93600		133000		2510		176000		276000		2760	
PCB-22	38444-85-8	ppt-TOC																		
PCB-23	55720-44-0	ppt-TOC																		
PCB-24/27	PCB-24/27	ppt-TOC																		
PCB-25	55712-37-3	ppt-TOC																		
PCB-26	38444-81-4	ppt-TOC																		
PCB-28	7012-37-5	ppt-TOC																		
PCB-29	15862-07-4	ppt-TOC																		
PCB-3	2051-62-9	ppt-TOC																		
PCB-30	35693-92-6	ppt-TOC																		
PCB-31	16606-02-3	ppt-TOC																		
PCB-34	37680-68-5	ppt-TOC																		
PCB-35	37680-69-6	ppt-TOC																		
PCB-36	38444-87-0	ppt-TOC																		
PCB-37	38444-90-5	ppt-TOC																		
PCB-38	53555-66-1	ppt-TOC																		
PCB-39	38444-88-1	ppt-TOC																		
PCB-4/10	PCB-4/10	ppt-TOC																		
PCB-40	38444-93-8	ppt-TOC																		
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC																		
PCB-42/59	36559-22-5/7447	ppt-TOC																		
PCB-43/49	PCB-43/49	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD0JN-000		SD0JS-400		SD0KE-050		SD13E-005		SD13E-005		SD13E-005		SD13E-050		SD13E-060		SD13E-100	
		Sample Name	SD0JN-000-GRB005-11		SD0JS-400-GRB005-11		SD0KE-050-GRB005-11		SD13E-005-000005-203		SD13E-005-015020-203		SD13E-005-035040-203		SD13E-050-000005-203		SD13E-060-GRB005-11		SD13E-100-000005-203	
		Date Collected	4/22/2006		4/22/2006		4/12/2006		11/17/2003		11/17/2003		11/17/2003		11/17/2003		4/12/2006		11/18/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC																		
PCB-45	70362-45-7	ppt-TOC																		
PCB-46	41464-47-5	ppt-TOC																		
PCB-47	2437-79-8	ppt-TOC																		
PCB-48/75	70362-47-9/3259	ppt-TOC																		
PCB-5/8	PCB-5/8	ppt-TOC																		
PCB-50	62796-65-0	ppt-TOC																		
PCB-51	68194-04-7	ppt-TOC																		
PCB-52/69	35693-99-3/6023	ppt-TOC																		
PCB-53	41464-41-9	ppt-TOC																		
PCB-54	15968-05-5	ppt-TOC																		
PCB-55	74338-24-2	ppt-TOC																		
PCB-56/60	PCB-56/60	ppt-TOC																		
PCB-57	70424-67-8	ppt-TOC																		
PCB-58	41464-49-7	ppt-TOC																		
PCB-6	25569-80-6	ppt-TOC																		
PCB-61/70	PCB-61/70	ppt-TOC																		
PCB-62	54230-22-7	ppt-TOC																		
PCB-63	74472-34-7	ppt-TOC																		
PCB-65	33284-54-7	ppt-TOC																		
PCB-67	73575-53-8	ppt-TOC																		
PCB-68	73575-52-7	ppt-TOC																		
PCB-7/9	PCB-7/9	ppt-TOC																		
PCB-73	74338-23-1	ppt-TOC																		
PCB-74	32690-93-0	ppt-TOC																		
PCB-76/66	PCB-76/66	ppt-TOC																		
PCB-77	32598-13-3	ppt-TOC	74600		73700		50900		61200		29700		1130	U	11600		55400		6470	U
PCB-78	70362-49-1	ppt-TOC																		
PCB-79	41464-48-6	ppt-TOC																		
PCB-80	33284-52-5	ppt-TOC																		
PCB-81	70362-50-4	ppt-TOC	1860		1810		8010		7200		4360		1130	U	2090		3230		6470	U
PCB-82	52663-62-4	ppt-TOC																		
PCB-83	60145-20-2	ppt-TOC																		
PCB-84/92	52663-60-2/5266	ppt-TOC																		
PCB-85/116	PCB-85/116	ppt-TOC																		
PCB-86	55312-69-1	ppt-TOC																		
PCB-87/117/125	38380-02-8/6819	ppt-TOC																		
PCB-88/91	PCB-88/91	ppt-TOC																		
PCB-89	73575-57-2	ppt-TOC																		
PCB-90/101	PCB-90/101	ppt-TOC																		
PCB-93	73575-56-1	ppt-TOC																		
PCB-94	73575-55-0	ppt-TOC																		
PCB-95/98/102	38379-99-6/6023	ppt-TOC																		
PCB-96	73575-54-9	ppt-TOC																		
PCB-97	41464-51-1	ppt-TOC																		
PCB-99	38380-01-7	ppt-TOC																		
Total PCB Congeners (209)	No CAS	ppt-TOC																		
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC																		

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD13E-100		SD13E-100		SDOF8-012	
		Sample Name	SD13E-100-015020-203		SD13E-100-035040-203		SDOF8-012-000005-103	
		Date Collected	11/18/2003		11/18/2003		12/16/2003	
		Depth	1.4-2.0		3.4-3.9		0.0-0.5	
		depth_unit	ft		ft		ft	
		HasFieldDuplicate	N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual
PCB-1	2051-60-7	ppt-TOC						
PCB-100	39485-83-1	ppt-TOC						
PCB-103	60145-21-3	ppt-TOC						
PCB-104	56558-16-8	ppt-TOC						
PCB-105	32598-14-4	ppt-TOC	1230	U	1130	U	649000	
PCB-106/118	PCB-106/118	ppt-TOC	1230	U	1130	U	1480000	
PCB-107/109	70424-68-9/7447	ppt-TOC						
PCB-108/112	70362-41-3/7447	ppt-TOC						
PCB-11	2050-67-1	ppt-TOC						
PCB-110	38380-03-9	ppt-TOC						
PCB-111/115	PCB-111/115	ppt-TOC						
PCB-113	68194-10-5	ppt-TOC						
PCB-114	74472-37-0	ppt-TOC	1230	U	1130	U	42700	
PCB-119	56558-17-9	ppt-TOC						
PCB-12/13	PCB-12/13	ppt-TOC						
PCB-120	68194-12-7	ppt-TOC						
PCB-121	56558-18-0	ppt-TOC						
PCB-122	76842-07-4	ppt-TOC						
PCB-123	65510-44-3	ppt-TOC	1230	U	1130	U	37500	
PCB-124	70424-70-3	ppt-TOC						
PCB-126	57465-28-8	ppt-TOC	1230	U	1130	U	7750	
PCB-127	39635-33-1	ppt-TOC						
PCB-128/162	PCB-128/162	ppt-TOC						
PCB-129	55215-18-4	ppt-TOC						
PCB-130	52663-66-8	ppt-TOC						
PCB-131	61798-70-7	ppt-TOC						
PCB-132/161	38380-05-1/7447	ppt-TOC						
PCB-133/142	PCB-133/142	ppt-TOC						
PCB-134/143	PCB-134/143	ppt-TOC						
PCB-135	52744-13-5	ppt-TOC						
PCB-136	38411-22-2	ppt-TOC						
PCB-137	35694-06-5	ppt-TOC						
PCB-138/163/164	35065-28-2/7447	ppt-TOC						
PCB-139/149	PCB-139/149	ppt-TOC						
PCB-14	34883-41-5	ppt-TOC						
PCB-140	59291-64-4	ppt-TOC						
PCB-141	52712-04-6	ppt-TOC						
PCB-144	68194-14-9	ppt-TOC						
PCB-145	74472-40-5	ppt-TOC						
PCB-146/165	51908-16-8/7447	ppt-TOC						
PCB-147	68194-13-8	ppt-TOC						
PCB-148	74472-41-6	ppt-TOC						
PCB-15	2050-68-2	ppt-TOC						
PCB-150	68194-08-1	ppt-TOC						
PCB-151	52663-63-5	ppt-TOC						
PCB-152	68194-09-2	ppt-TOC						
PCB-153	35065-27-1	ppt-TOC						
PCB-154	60145-22-4	ppt-TOC						
PCB-155	33979-03-2	ppt-TOC						
PCB-156	38380-08-4	ppt-TOC	1230	U	1130	U	118000	
PCB-157	69782-90-7	ppt-TOC	1230	U	1130	U	27600	
PCB-158/160	74472-42-7/4141	ppt-TOC						
PCB-159	39635-35-3	ppt-TOC						
PCB-16/32	PCB-16/32	ppt-TOC						
PCB-166	41411-63-6	ppt-TOC						
PCB-167	52663-72-6	ppt-TOC	1230	U	1130	U	47300	
PCB-168	59291-65-5	ppt-TOC						
PCB-169	32774-16-6	ppt-TOC	1230	U	1130	U	22000	U
PCB-17	37680-66-3	ppt-TOC						
PCB-170	35065-30-6	ppt-TOC	1230	U	1130	U	245000	
PCB-171	52663-71-5	ppt-TOC						

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD13E-100		SD13E-100		SDOF8-012	
		Sample Name	SD13E-100-015020-203		SD13E-100-035040-203		SDOF8-012-000005-103	
		Date Collected	11/18/2003		11/18/2003		12/16/2003	
		Depth	1.4-2.0		3.4-3.9		0.0-0.5	
		depth_unit	ft		ft		ft	
		HasFieldDuplicate	N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual
PCB-172	52663-74-8	ppt-TOC						
PCB-173	68194-16-1	ppt-TOC						
PCB-174	38411-25-5	ppt-TOC						
PCB-175	40186-70-7	ppt-TOC						
PCB-176	52663-65-7	ppt-TOC						
PCB-177	52663-70-4	ppt-TOC						
PCB-178	52663-67-9	ppt-TOC						
PCB-179	52663-64-6	ppt-TOC						
PCB-18	37680-65-2	ppt-TOC						
PCB-180	35065-29-3	ppt-TOC	1230	U	1130	U	625000	
PCB-181	74472-47-2	ppt-TOC						
PCB-182/187	PCB-182/187	ppt-TOC						
PCB-183	52663-69-1	ppt-TOC						
PCB-184	74472-48-3	ppt-TOC						
PCB-185	52712-05-7	ppt-TOC						
PCB-186	74472-49-4	ppt-TOC						
PCB-188	74487-85-7	ppt-TOC						
PCB-189	39635-31-9	ppt-TOC	1230	U	1130	U	9150	
PCB-19	38444-73-4	ppt-TOC						
PCB-190	41411-64-7	ppt-TOC						
PCB-191	74472-50-7	ppt-TOC						
PCB-192	74472-51-8	ppt-TOC						
PCB-193	69782-91-8	ppt-TOC						
PCB-194	35694-08-7	ppt-TOC						
PCB-195	52663-78-2	ppt-TOC						
PCB-196/203	PCB-196/203	ppt-TOC						
PCB-197	33091-17-7	ppt-TOC						
PCB-198	68194-17-2	ppt-TOC						
PCB-199	52663-75-9	ppt-TOC						
PCB-2	2051-61-8	ppt-TOC						
PCB-20/21/33	38444-84-7/5570	ppt-TOC						
PCB-200	52663-73-7	ppt-TOC						
PCB-201	40186-71-8	ppt-TOC						
PCB-202	2136-99-4	ppt-TOC						
PCB-204	74472-52-9	ppt-TOC						
PCB-205	74472-53-0	ppt-TOC						
PCB-206	40186-72-9	ppt-TOC						
PCB-207	52663-79-3	ppt-TOC						
PCB-208	52663-77-1	ppt-TOC						
PCB-209	2051-24-3	ppt-TOC	1850	U	1700	U	77900	
PCB-22	38444-85-8	ppt-TOC						
PCB-23	55720-44-0	ppt-TOC						
PCB-24/27	PCB-24/27	ppt-TOC						
PCB-25	55712-37-3	ppt-TOC						
PCB-26	38444-81-4	ppt-TOC						
PCB-28	7012-37-5	ppt-TOC						
PCB-29	15862-07-4	ppt-TOC						
PCB-3	2051-62-9	ppt-TOC						
PCB-30	35693-92-6	ppt-TOC						
PCB-31	16606-02-3	ppt-TOC						
PCB-34	37680-68-5	ppt-TOC						
PCB-35	37680-69-6	ppt-TOC						
PCB-36	38444-87-0	ppt-TOC						
PCB-37	38444-90-5	ppt-TOC						
PCB-38	53555-66-1	ppt-TOC						
PCB-39	38444-88-1	ppt-TOC						
PCB-4/10	PCB-4/10	ppt-TOC						
PCB-40	38444-93-8	ppt-TOC						
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC						
PCB-42/59	36559-22-5/7447	ppt-TOC						
PCB-43/49	PCB-43/49	ppt-TOC						

Table B-6
TOC-Normalized Congener PCBs

		Location ID	SD13E-100		SD13E-100		SDOF8-012	
		Sample Name	SD13E-100-015020-203		SD13E-100-035040-203		SDOF8-012-000005-103	
		Date Collected	11/18/2003		11/18/2003		12/16/2003	
		Depth	1.4-2.0		3.4-3.9		0.0-0.5	
		depth_unit	ft		ft		ft	
		HasFieldDuplicate	N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual
PCB-44	41464-39-5	ppt-TOC						
PCB-45	70362-45-7	ppt-TOC						
PCB-46	41464-47-5	ppt-TOC						
PCB-47	2437-79-8	ppt-TOC						
PCB-48/75	70362-47-9/3259	ppt-TOC						
PCB-5/8	PCB-5/8	ppt-TOC						
PCB-50	62796-65-0	ppt-TOC						
PCB-51	68194-04-7	ppt-TOC						
PCB-52/69	35693-99-3/6023	ppt-TOC						
PCB-53	41464-41-9	ppt-TOC						
PCB-54	15968-05-5	ppt-TOC						
PCB-55	74338-24-2	ppt-TOC						
PCB-56/60	PCB-56/60	ppt-TOC						
PCB-57	70424-67-8	ppt-TOC						
PCB-58	41464-49-7	ppt-TOC						
PCB-6	25569-80-6	ppt-TOC						
PCB-61/70	PCB-61/70	ppt-TOC						
PCB-62	54230-22-7	ppt-TOC						
PCB-63	74472-34-7	ppt-TOC						
PCB-65	33284-54-7	ppt-TOC						
PCB-67	73575-53-8	ppt-TOC						
PCB-68	73575-52-7	ppt-TOC						
PCB-7/9	PCB-7/9	ppt-TOC						
PCB-73	74338-23-1	ppt-TOC						
PCB-74	32690-93-0	ppt-TOC						
PCB-76/66	PCB-76/66	ppt-TOC						
PCB-77	32598-13-3	ppt-TOC	1230	U	1130	U	285000	
PCB-78	70362-49-1	ppt-TOC						
PCB-79	41464-48-6	ppt-TOC						
PCB-80	33284-52-5	ppt-TOC						
PCB-81	70362-50-4	ppt-TOC	1230	U	1130	U	32900	
PCB-82	52663-62-4	ppt-TOC						
PCB-83	60145-20-2	ppt-TOC						
PCB-84/92	52663-60-2/5266	ppt-TOC						
PCB-85/116	PCB-85/116	ppt-TOC						
PCB-86	55312-69-1	ppt-TOC						
PCB-87/117/125	38380-02-8/6819	ppt-TOC						
PCB-88/91	PCB-88/91	ppt-TOC						
PCB-89	73575-57-2	ppt-TOC						
PCB-90/101	PCB-90/101	ppt-TOC						
PCB-93	73575-56-1	ppt-TOC						
PCB-94	73575-55-0	ppt-TOC						
PCB-95/98/102	38379-99-6/6023	ppt-TOC						
PCB-96	73575-54-9	ppt-TOC						
PCB-97	41464-51-1	ppt-TOC						
PCB-99	38380-01-7	ppt-TOC						
Total PCB Congeners (209)	No CAS	ppt-TOC						
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC						

Table B-7
TOC-Normalized Pesticides

			Location ID	12A-0401-C2		12A-0401-C2		12A-0402-C4		12A-0402-C4		12A-0403-C1		12A-0403-C1		12A-0405-C2		12A-0405-C2	
			Sample Name	12A-0401-C2BS		12A-0401-C2CS		12A-0402-C4BS		12A-0402-C4CS		12A-0403-C1BS		12A-0403-C1CS		12A-0405-C2BS		12A-0405-C2CS	
			Date Collected	2/9/2012		2/9/2012		2/8/2012		2/8/2012		2/7/2012		2/7/2012		2/1/2012		2/1/2012	
			Depth	0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5	
			Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		N		N		N		N		N	
Analyte	CAS No	Units		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb		98		0.99	U	160		130		720		3.3		280		420	
2,4'-DDE	3424-82-6	ppb		33		1.8	U	63		57		1500		3.1		120		140	
2,4'-DDT	789-02-6	ppb		1.7	U	1.4	U	8		19		11		1.3	U	35		29	
4,4'-DDD	72-54-8	ppb		170		6.7		370		380		1600		7.3		780		900	
4,4'-DDE	72-55-9	ppb		150		11		470		490				16		1000		1100	
4,4'-DDT	50-29-3	ppb		10		7.3		67		100		44		6.6		180		120	
Aldrin	309-00-2	ppb		1.4		0.43	U	16		20		5.3		5.1		43		37	
Alpha-BHC	319-84-6	ppb		0.6	U	1.3		0.69		0.84		12		1.5		1.9		1.9	
Alpha-Chlordane	5103-71-9	ppb		23		3		350		370		8.2		5.2		820		790	
Aroclor-1016	12674-11-2	ppb																	
Aroclor-1221	11104-28-2	ppb																	
Aroclor-1232	11141-16-5	ppb																	
Aroclor-1242	53469-21-9	ppb																	
Aroclor-1248	12672-29-6	ppb																	
Aroclor-1254	11097-69-1	ppb																	
Aroclor-1260	11096-82-5	ppb																	
Aroclor-1262	37324-23-5	ppb																	
Aroclor-1268	11100-14-4	ppb																	
Beta-BHC	319-85-7	ppb		2.4		1.6		2.5		2.4		7.6		0.89		4.4		2.3	
Delta-BHC	319-86-8	ppb		0.77	U	1.7		0.46		0.59	U	5.5		2.6		1.1		1	
Dieldrin	60-57-1	ppb		9.6		3		77		100		11		5.4		180		40	
Endosulfan I	959-98-8	ppb		1.7	U	1.3	U	1.1	U	1.7	U	1.1	U	1.6	U	1	U	2	U
Endosulfan II	33213-65-9	ppb		2.8	U	4.1		13		21		2.2	U	2.7	U	42		13	
Endosulfan Sulfate	1031-07-8	ppb		1.2		0.9		1.9		3.7		0.67		1.4		5.6		2.4	
Endrin	72-20-8	ppb		1.1	U	0.91	U	0.69	U	0.63	U	0.77	U	1.3	U	0.79	U	0.58	U
Endrin Aldehyde	7421-93-4	ppb		1	U	0.97	U	0.4	U	0.58	U	0.76	U	0.93	U	0.39	U	0.96	U
Endrin Ketone	53494-70-5	ppb		1.1	U	3.5		2.6		0.76	U	0.67		2.6		0.4	U	0.35	U
Gamma-BHC (Lindane)	58-89-9	ppb		2.6		2.5		0.44		0.56	U	2.2		1.4		1.8		1.8	
Gamma-Chlordane	5566-34-7	ppb																	
Heptachlor	76-44-8	ppb		0.29	U	1		1.2		2.3		2.1		1.9		4.1		8.3	
Heptachlor Epoxide	1024-57-3	ppb		0.43	U	0.27	U	22		24		1.6		2.7		36		7.3	
Hexachlorobenzene	118-74-1	ppb		36		4.7		40		38		270		5.3		89		78	
Methoxychlor	72-43-5	ppb		3.4	U	4.2		2.6	U	1.6	U	1.9	U	3.3	U	2.3	U	1.7	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb																	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb																	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb		450		25		1100		1200				36		2400		2700	
Total DDT (2,4)	TDDT-24	ppb		130		1.8	U	230		210		2300		6.2		430		590	
Total DDT (4,4)	TDDT-44	ppb		320		25		890		960				29		1900		2200	
Toxaphene	8001-35-2	ppb																	

Table B-7
TOC-Normalized Pesticides

		Location ID	12A-0406-C2		12A-0406-C2		12A-0407-C3		12A-0407-C3		12A-0408-C3		12A-0408-C3		12A-0409-C7		12A-0409-C7		12A-0410-C2	
		Sample Name	12A-0406-C2BS		12A-0406-C2CS		12A-0407-C3BS		12A-0407-C3CS		12A-0408-C3BS		12A-0408-C3CS		12A-0409-C7BS		12A-0409-C7CS		12A-0410-C2BS	
		Date Collected	1/28/2012		1/28/2012		1/26/2012		1/26/2012		2/3/2012		2/3/2012		2/6/2012		2/6/2012		2/6/2012	
		Depth	0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	220		270		350		40		280		600		240		180		620	
2,4'-DDE	3424-82-6	ppb	130		200		110		27		440		1700		80		57		560	
2,4'-DDT	789-02-6	ppb	11		12		34		1.3	U	12		10		17		8.5		7.8	
4,4'-DDD	72-54-8	ppb	570		770		1100		96		1000		1700		660		410		1300	
4,4'-DDE	72-55-9	ppb	1200		3000		810		140		2800		6700		570		400		3000	
4,4'-DDT	50-29-3	ppb	81		95		140		1.7	U	58		76		75		46		73	
Aldrin	309-00-2	ppb	20		17		22		2		29		21		22		15		16	
Alpha-BHC	319-84-6	ppb	2		3.7		3		0.35	U	6.6		7.5		1.4		0.48		4.6	
Alpha-Chlordane	5103-71-9	ppb	500		690		420		35		300		130		430		280		230	
Aroclor-1016	12674-11-2	ppb																		
Aroclor-1221	11104-28-2	ppb																		
Aroclor-1232	11141-16-5	ppb																		
Aroclor-1242	53469-21-9	ppb																		
Aroclor-1248	12672-29-6	ppb																		
Aroclor-1254	11097-69-1	ppb																		
Aroclor-1260	11096-82-5	ppb																		
Aroclor-1262	37324-23-5	ppb																		
Aroclor-1268	11100-14-4	ppb																		
Beta-BHC	319-85-7	ppb	1.8		2.5		4.8		0.93		4.8		6.2		2.3		1.7		3.5	
Delta-BHC	319-86-8	ppb	0.97		1.4		2		0.43	U	3.4		2.3	U	1.3		0.63		2.5	
Dieldrin	60-57-1	ppb	18		53		36		4.9		460		350		48		44		180	
Endosulfan I	959-98-8	ppb	1.9	U	1.4	U	1.6	U	0.9	U	1.7	U	1.5	U	1.1	U	0.42	U	1.6	U
Endosulfan II	33213-65-9	ppb	3	U	3.6	U	4.1	U	3.2	U	3.1	U	14	U	11		12		3	U
Endosulfan Sulfate	1031-07-8	ppb	0.31	U	0.54	U	0.32	U	0.34	U	0.42	U	0.5	U	1.7		1.8		0.4	U
Endrin	72-20-8	ppb	1.1	U	1.3	U	1.1	U	0.95	U	6.2	U	8.5	U	0.41	U	0.29	U	0.93	U
Endrin Aldehyde	7421-93-4	ppb	0.82	U	1.1	U	0.8	U	0.72	U	6.7	U	8.1	U	0.42	U	0.2	U	0.63	U
Endrin Ketone	53494-70-5	ppb	1.3	U	1.9	U	0.82	U	0.95	U	2.1		1.7	U	0.39	U	0.28	U	0.8	U
Gamma-BHC (Lindane)	58-89-9	ppb	1.8		2.1		0.94		1.5		3.5		2.6		1.8		0.67		2.1	
Gamma-Chlordane	5566-34-7	ppb																		
Heptachlor	76-44-8	ppb	1.8		2.9		1.1		0.39		2.1		0.13	U	1.6		0.91		0.8	
Heptachlor Epoxide	1024-57-3	ppb	2.4		2.8		7.2		0.28	U	2.7		0.88		11		11		1.5	
Hexachlorobenzene	118-74-1	ppb	48		63		99		41		460		1400		37		44		200	
Methoxychlor	72-43-5	ppb	17	U	26	U	47	U	41	U	2.4	U	26	U	1.2	U	1.3	U	2.7	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb																		
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb																		
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	2300		4300		2500		310		4700		11000		1600		1100		5600	
Total DDT (2,4)	TDDT-24	ppb	370		490		490		68		730		2400		340		250		1200	
Total DDT (4,4)	TDDT-44	ppb	1800		3800		2000		240		3900		8500		1300		850		4300	
Toxaphene	8001-35-2	ppb																		

		Location ID	12A-0410-C2		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001	
		Sample Name	12A-0410-C2CS		08A-001-C1_(11.5-13.5)_N		08A-001-C1_(13.5-15.5)_N		08A-001-C1_(15.5-17.5)_N		08A-001-C1_(5.5-7.5)_N		08A-001-C1_(5.5-7.5)_N		08A-001-C1_(7.5-9.5)_N		08A-001-C1_(9.5-11.5)_N		08A-001-C2_(0.5-1.5)_N	
		Date Collected	2/6/2012		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008	
		Depth	1.5-2.5		11.5-13.5		13.5-15.5		15.5-17.5		5.5-7.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	350		200		380		140				290		76		300		200	
2,4'-DDE	3424-82-6	ppb	1300		200		330		320				86		86		240		180	U
2,4'-DDT	789-02-6	ppb	5.1		2		550		2.6	U			230		2.2		360		220	
4,4'-DDD	72-54-8	ppb	920		470		340		360				200		230		360		190	
4,4'-DDE	72-55-9	ppb	5200		860		960		1200				380		380		910		270	
4,4'-DDT	50-29-3	ppb	80		94		650		100				280		380		1200		210	
Aldrin	309-00-2	ppb	19		1.3		0.65		0.6				0.64		0.61		0.61		180	U
Alpha-BHC	319-84-6	ppb	5.7		3.4		2.8		3.9				1.9		1.4		2.4		180	U
Alpha-Chlordane	5103-71-9	ppb	79		180		160		110				71		58		97		84	
Aroclor-1016	12674-11-2	ppb			210	U	260	U	260	U			250	U	220	U	250	U		
Aroclor-1221	11104-28-2	ppb			210	U	260	U	260	U			250	U	220	U	250	U		
Aroclor-1232	11141-16-5	ppb			210	U	260	U	260	U			250	U	220	U	250	U		
Aroclor-1242	53469-21-9	ppb			5200		9200		10000				6500		5100		5500			
Aroclor-1248	12672-29-6	ppb			210	U	260	U	260	U			250	U	220	U	250	U		
Aroclor-1254	11097-69-1	ppb			5700		9600		9300				4900		4300		5800			
Aroclor-1260	11096-82-5	ppb			2600		4100		3300				1800		1700		2400			
Aroclor-1262	37324-23-5	ppb			210	U	260	U	260	U			250	U	220	U	250	U		
Aroclor-1268	11100-14-4	ppb			210	U	260	U	260	U			250	U	220	U	250	U		
Beta-BHC	319-85-7	ppb	4.8		3.9	U			3.9	U			150	U	2.3	U	150	U	180	U
Delta-BHC	319-86-8	ppb	2.6		0.84		0.61		1.1		35				0.36		0.76		180	U
Dieldrin	60-57-1	ppb	210		47		78		46				29		17		52		30	
Endosulfan I	959-98-8	ppb	1.7	U	1.8	U	180	U	2.3	U			150	U	1	U	150	U	180	U
Endosulfan II	33213-65-9	ppb	3.1	U	3.9	U			3.9	U			150	U	1	U	150	U	180	U
Endosulfan Sulfate	1031-07-8	ppb	0.44	U	0.42	U			0.5	U			150	U	0.28	U	150	U	180	U
Endrin	72-20-8	ppb	1.1	U	2	U	180	U	2.5	U			150	U	0.53	U	150	U	180	U
Endrin Aldehyde	7421-93-4	ppb	1.1	U	1.4	U			2.1	U			150	U	0.41	U	150	U	180	U
Endrin Ketone	53494-70-5	ppb	1.8		2.9	U			8.5	U			150	U	1.2	U	150	U	180	U
Gamma-BHC (Lindane)	58-89-9	ppb	2.1		1.1				1.5				150	U	0.56	U	150	U	180	U
Gamma-Chlordane	5566-34-7	ppb			180		300		110				56		63		180		150	
Heptachlor	76-44-8	ppb	0.19	U	0.76		0.38		0.28	U			0.34		0.25		0.27		180	U
Heptachlor Epoxide	1024-57-3	ppb	0.63		1.4		0.3		0.6				0.58		0.56		0.52		180	U
Hexachlorobenzene	118-74-1	ppb	1000		37		58		39				65		14		55		49	
Methoxychlor	72-43-5	ppb	9.9	U	34				20	U			150	U	9.4	U	150	U	180	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb			370		480		220				110		120		270		230	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb			14000		23000		22000				13000		11000		14000			
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	7800		1800		3000		2200				1300		1100		2800		1100	
Total DDT (2,4)	TDDT-24	ppb	1600		390		1300		460				530		160		880		440	
Total DDT (4,4)	TDDT-44	ppb	6200		1400		1700		1700				780		990		1900		680	
Toxaphene	8001-35-2	ppb			29	U	18000	U	50	U			15000	U	19	U	15000	U	18000	U

		Location ID	2008 CLRC-001		2008 CLRC-001		2008 CLRC-002		2008 CLRC-002		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003	
		Sample Name	08A-001-C2_(0-0.5)_N		08A-001-C2_(2.5-3.5)_N		08A-002-C1_(0.5-1.5)_N		08A-002-C1_(2.5-3.5)_N		08A-003-C1_(0.5-1.5)_N		08A-003-C1_(1.5-2.5)_N		08A-003-C1_(3.5-5.5)_N		08A-003-C1_(5.5-7.5)_N		08A-003-C1_(7.5-9.5)_N	
		Date Collected	11/20/2008		11/20/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008	
		Depth	0.0-0.5		2.5-3.5		0.5-1.5		2.5-3.5		0.5-1.5		1.5-2.5		3.5-5.5		5.5-7.5		7.5-9.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	47		330		57	U	570	U	63		0.78	U	0.22		230	U	0.49	U
2,4'-DDE	3424-82-6	ppb	41		230		57	U	570	U	240		0.5	U	0.56		230	U	0.43	U
2,4'-DDT	789-02-6	ppb	3.5		450		57	U	570	U	180		1.1	U	1.6	U	230	U	1.8	U
4,4'-DDD	72-54-8	ppb	130		380		57	U	570	U	150		1.2	U	0.81		230	U	0.89	U
4,4'-DDE	72-55-9	ppb	210		530		57	U	570	U	900		3.1		2.1		2.6		2.1	
4,4'-DDT	50-29-3	ppb	17		480	U	57	U	570	U	180		6.8	U	27		230	U	7.7	U
Aldrin	309-00-2	ppb	0.56		140	U	57	U	570	U	86	U	0.84	U	0.14	U	230	U	0.51	U
Alpha-BHC	319-84-6	ppb	0.91		140	U	57	U	570	U	86	U	0.43	U	0.073	U	230	U	0.25	U
Alpha-Chlordane	5103-71-9	ppb	65		220	U	49		570	U	67		1.9	U	0.6	U	230	U	1.3	U
Aroclor-1016	12674-11-2	ppb					23	U	220	U	350	U	28	U	34	U	87	U	130	U
Aroclor-1221	11104-28-2	ppb					23	U	220	U	350	U	28	U	34	U	87	U	130	U
Aroclor-1232	11141-16-5	ppb					23	U	220	U	350	U	28	U	34	U	87	U	130	U
Aroclor-1242	53469-21-9	ppb					23	U	220	U	9400		28	U	34	U	87	U	130	U
Aroclor-1248	12672-29-6	ppb					23	U	220	U	350	U	28	U	34	U	87	U	130	U
Aroclor-1254	11097-69-1	ppb					23	U	220	U	4300		28	U	34	U	39		130	U
Aroclor-1260	11096-82-5	ppb					23	U	220	U	2900		28	U	34	U	87	U	130	U
Aroclor-1262	37324-23-5	ppb					23	U	220	U	350	U	28	U	34	U	87	U	130	U
Aroclor-1268	11100-14-4	ppb					23	U	220	U	350	U	28	U	34	U	87	U	130	U
Beta-BHC	319-85-7	ppb	2.7	U	140	U	57	U	570	U	25		9.6	U	1.2	U	230	U	9.1	U
Delta-BHC	319-86-8	ppb	0.17		140	U	57	U	570	U	86	U	0.87	U	0.11	U	230	U	0.51	U
Dieldrin	60-57-1	ppb	19		65		57	U	570	U	47		2.4	U	0.64		230	U	2.1	U
Endosulfan I	959-98-8	ppb	0.83	U	50		57	U	570	U	25		4.7	U	1.1	U	230	U	2.9	U
Endosulfan II	33213-65-9	ppb	2.7		140	U	57	U	570	U	86	U	13	U	1.5	U	230	U	2.6	U
Endosulfan Sulfate	1031-07-8	ppb	0.59		140	U	57	U	570	U	86	U	1.7	U	0.23	U	230	U	0.25	U
Endrin	72-20-8	ppb	0.32	U	140	U	57	U	570	U	86	U	2.9	U	0.47	U	230	U	0.6	U
Endrin Aldehyde	7421-93-4	ppb	0.83	U	140	U	57	U	570	U	86	U	3.7	U	0.77	U	230	U	1.2	U
Endrin Ketone	53494-70-5	ppb	1.6	U	140	U	57	U	570	U	86	U	2.6	U			230	U	0.25	U
Gamma-BHC (Lindane)	58-89-9	ppb	0.44	U	140	U	57	U	570	U	86	U	1.4	U	0.26	U	230	U	1.3	U
Gamma-Chlordane	5566-34-7	ppb	65		280		57	U	570	U	98		5.6	U	1.3	U	230	U	5.7	U
Heptachlor	76-44-8	ppb	0.19	U	140	U	57	U	570	U	86	U	0.53	U	0.17	U	230	U	0.46	U
Heptachlor Epoxide	1024-57-3	ppb	2.9		140	U	57	U	570	U	86	U	0.43	U	0.06	U	230	U	0.31	U
Hexachlorobenzene	118-74-1	ppb	35		140	U	57	U	570	U	67		16		0.85	U	230	U	2.7	U
Methoxychlor	72-43-5	ppb	9.7		130		440		570	U	86	U	37	U	15	U	230	U	0.94	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	130		280		49		570	U	160		5.6	U	1.3	U	230	U	5.7	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb					23	U	220	U	16000		28	U	34	U	39		130	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	440		1900		57	U	570	U	1400		3.1		31		2.6		2.1	
Total DDT (2,4)	TDDT-24	ppb	91		1000		57	U	570	U	310		1.1	U	0.77		230	U	1.8	U
Total DDT (4,4)	TDDT-44	ppb	350		910		57	U	570	U	1100		3.1		30		2.6		2.1	
Toxaphene	8001-35-2	ppb	26	U	14000	U	5700	U	57000	U	8600	U	90	U	9.8	U	23000	U	200	U

Table B-7
TOC-Normalized Pesticides

		Location ID	2008 CLRC-003		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004	
		Sample Name	08A-003-C2_(2.5-3.5)_N		08A-004-C1_(1.5-2.5)_N		08A-004-C1_(11.5-13.5)_N		08A-004-C1_(13.5-15.5)_N		08A-004-C1_(15.5-17.5)_N		08A-004-C1_(17.5-19.1)_N		08A-004-C1_(3.5-5.5)_N		08A-004-C1_(5.5-7.5)_N		08A-004-C1_(5.5-7.5)_N		
		Date Collected	11/11/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		
		Depth	2.5-3.5		1.5-2.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.1		3.5-5.5		5.5-7.5		5.5-7.5		
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
2,4'-DDD	53-19-0	ppb	86	U	99		290		210		220		410		170				260			
2,4'-DDE	3424-82-6	ppb	86	U	94		550		430		440		420		130				240			
2,4'-DDT	789-02-6	ppb	86	U	3.5		220		380		4.8	U	750		310				940			
4,4'-DDD	72-54-8	ppb	86	U	250		3100		500		550		470		260				750			
4,4'-DDE	72-55-9	ppb	86	U	430		2400		1800		2200		2900		580				1000			
4,4'-DDT	50-29-3	ppb	86	U	20		31000		380		81		760		340				1900			
Aldrin	309-00-2	ppb	86	U	2.1		2.6		63	U	1.4	U	84	U	1.6				1.9			
Alpha-BHC	319-84-6	ppb	86	U	1.7		4.2		5.8		6.2		5.3		1.7				3.2			
Alpha-Chlordane	5103-71-9	ppb	86	U	99		140		150		250		310		67				96			
Aroclor-1016	12674-11-2	ppb			260	U	190	U	200	U	180	U	570	U	270	U			270	U		
Aroclor-1221	11104-28-2	ppb			260	U	190	U	200	U	180	U	570	U	270	U			270	U		
Aroclor-1232	11141-16-5	ppb			260	U	190	U	200	U	180	U	570	U	270	U			270	U		
Aroclor-1242	53469-21-9	ppb			3800		17000		13000		21000		44000		5800				7100			
Aroclor-1248	12672-29-6	ppb			260	U	190	U	200	U	180	U	570	U	270	U			270	U		
Aroclor-1254	11097-69-1	ppb			4600		11000		12000		12000		24000		7400				9000			
Aroclor-1260	11096-82-5	ppb			1800		4700		4300		4400		7000		3400				3800			
Aroclor-1262	37324-23-5	ppb			260	U	190	U	200	U	180	U	570	U	270	U			270	U		
Aroclor-1268	11100-14-4	ppb			260	U	190	U	200	U	180	U	570	U	270	U			270	U		
Beta-BHC	319-85-7	ppb	86	U	1.7		3.7		5.3		5.5		4.5		2.9				2.9			
Delta-BHC	319-86-8	ppb	86	U	0.21	U	2.9	U	63	U	2.3	U	68	U	13				20			
Dieldrin	60-57-1	ppb	86	U	32		73		63		97		320		18				32			
Endosulfan I	959-98-8	ppb	86	U	0.8	U	7.1	U	63	U	8.1	U	42	U	83	U			85	U		
Endosulfan II	33213-65-9	ppb	86	U	1.4	U	8.7	U	63	U	6.5	U	180		83	U			85	U		
Endosulfan Sulfate	1031-07-8	ppb	86	U	0.16	U	1	U	13		0.69	U	42	U	83	U			85	U		
Endrin	72-20-8	ppb	86	U	0.46	U	2.6	U	63	U	3	U	83		83	U			85	U		
Endrin Aldehyde	7421-93-4	ppb	86	U	0.56	U	4.2	U	63	U	4.2	U	140		83	U			85	U		
Endrin Ketone	53494-70-5	ppb	86	U	1.3	U	21	U	63	U	12	U	86	U	83	U			88	U		
Gamma-BHC (Lindane)	58-89-9	ppb	86	U	0.72	U	3.1	U	63	U	3	U	42	U	83	U			26			
Gamma-Chlordane	5566-34-7	ppb	86	U	100		140		120		250		410		77				100			
Heptachlor	76-44-8	ppb	86	U	0.48	U	1	U	63	U	1.8	U	42	U	0.89				85	U		
Heptachlor Epoxide	1024-57-3	ppb	86	U	1.2		0.76	U	120		0.81	U	490		100				160			
Hexachlorobenzene	118-74-1	ppb	86	U	56		66	U	90		110		440		29				40			
Methoxychlor	72-43-5	ppb	86	U	3.2	U	39	U	63	U	62	U	100		83	U			18			
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	86	U	200		290		280		510		710		140				200			
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb			10000		31000		30000		37000		75000		17000				20000			
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	86	U	880		39000		3000		3500		4100		1300		3100					
Total DDT (2,4)	TDDT-24	ppb	86	U	200		1100		650		670		1200		460				1200			
Total DDT (4,4)	TDDT-44	ppb	86	U	700		37000		2400		2800		3400		950				3800			
Toxaphene	8001-35-2	ppb	8600	U	88	U	680	U	8800	U	440	U	15000	U	8300	U			13000	U		

Table B-7
TOC-Normalized Pesticides

		Location ID	2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005	
		Sample Name	08A-004-C1_(7.5-9.5)_N		08A-004-C1_(9.5-11.5)_N		08A-004-C2_(0.5-1.5)_N		08A-004-C2_(2.5-3.5)_N		08A-005-C1_(1.5-2.5)_N		08A-005-C1_(3.5-5.5)_N		08A-005-C1_(5.5-7.5)_N		08A-005-C1_(7.5-9.5)_N		08A-005-C1_(9.5-11.5)_N	
		Date Collected	11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008	
		Depth	7.5-9.5		9.5-11.5		0.5-1.5		2.5-3.5		1.5-2.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	140		290		83	U	96		320		230		83		250		270	
2,4'-DDE	3424-82-6	ppb	320		700		83	U	87	U	140		130		66		360		450	
2,4'-DDT	789-02-6	ppb	4.1		620		260		170		68		23		390		14		790	
4,4'-DDD	72-54-8	ppb	330		700		86		110		880		550		330		690		750	
4,4'-DDE	72-55-9	ppb	1200		2900		99		170		1000		780		520		2000		2700	
4,4'-DDT	50-29-3	ppb	42		830		130		170		320		94		850		73		680	
Aldrin	309-00-2	ppb	2		2.9		83	U	87	U	43		4.1		1.1		2.8		5.4	
Alpha-BHC	319-84-6	ppb	4.1		6.6		83	U	87	U	2.3		2.5		1.2		4.4	U	6.3	
Alpha-Chlordane	5103-71-9	ppb	100		190		83	U	87	U	770		410		170		360		540	
Aroclor-1016	12674-11-2	ppb	350	U	300	U					180	U	210	U	270	U	290	U	190	U
Aroclor-1221	11104-28-2	ppb	350	U	300	U					180	U	210	U	270	U	290	U	190	U
Aroclor-1232	11141-16-5	ppb	350	U	300	U					180	U	210	U	270	U	290	U	190	U
Aroclor-1242	53469-21-9	ppb	7800		14000						7500		10000		9600		15000		22000	
Aroclor-1248	12672-29-6	ppb	350	U	300	U					180	U	210	U	270	U	290	U	190	U
Aroclor-1254	11097-69-1	ppb	8800		12000						3600		7100		5500		12000		17000	
Aroclor-1260	11096-82-5	ppb	3500		4500						2800		4100		3600		4000		5700	
Aroclor-1262	37324-23-5	ppb	350	U	300	U					180	U	210	U	270	U	290	U	190	U
Aroclor-1268	11100-14-4	ppb	350	U	300	U					180	U	210	U	270	U	290	U	190	U
Beta-BHC	319-85-7	ppb	2.9		6.6		83	U	87	U	9.8		4.1		58	U	11	U	45	U
Delta-BHC	319-86-8	ppb	0.74		95		83	U	87	U			0.62		0.33		1.3	U	2.1	
Dieldrin	60-57-1	ppb	40		91		83	U	87	U	140		30		13		66		210	
Endosulfan I	959-98-8	ppb	2.4	U	91	U	83	U	87	U	4.3	U	0.78	U	58	U	2.8	U	130	
Endosulfan II	33213-65-9	ppb	3.2	U	91	U	83	U	87	U	34		1.3	U	0.99		6.9	U	320	U
Endosulfan Sulfate	1031-07-8	ppb	0.41	U	91	U	83	U	87	U			0.17	U	58	U	0.99	U	45	U
Endrin	72-20-8	ppb	0.97	U	91	U	83	U	87	U	2.1	U	0.41	U	39		2.8	U	170	
Endrin Aldehyde	7421-93-4	ppb	1.4	U	91	U	83	U	87	U	2.3	U	0.69	U	58	U	3.4	U	150	
Endrin Ketone	53494-70-5	ppb	6.5	U	91	U	83	U	87	U	7.9	U	0.76	U	0.41		3.6		170	U
Gamma-BHC (Lindane)	58-89-9	ppb	1.6	U	91	U	83	U	87	U	1.7	U	1.1	U	58	U	2.8	U	61	U
Gamma-Chlordane	5566-34-7	ppb	110		200		83	U	87	U	710		410		360		360		630	
Heptachlor	76-44-8	ppb	0.74	U	91	U	83	U	87	U	12		1.3		0.36		0.31	U	45	U
Heptachlor Epoxide	1024-57-3	ppb	0.92		220		36		87	U	34		3.2		0.88		2		410	
Hexachlorobenzene	118-74-1	ppb	45		83		23		87	U	71		39		36		84		140	
Methoxychlor	72-43-5	ppb	14	U	50		83	U	87	U	15	U	6.2	U	130	U	4.4	U	210	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	210		390		83	U	87	U	1500		830		520		730		1200	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	20000		30000						14000		22000		19000		31000		45000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	2100		5400		570		720		2800		1800		1700		3400		4300	
Total DDT (2,4)	TDDT-24	ppb	460		950		260		270		530		390		390		620		790	
Total DDT (4,4)	TDDT-44	ppb	1600		4500		310		450		2300		1400		1500		2800		3600	
Toxaphene	8001-35-2	ppb	170	U	14000	U	8300	U	8700	U	340	U	53	U	7200	U	84	U	13000	U

		Location ID	2008 CLRC-005		2008 CLRC-005		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006	
		Sample Name	08A-005-C2_(0.5-1.5)_N		08A-005-C2_(2.5-3.5)_N		08A-006-C1_(11.5-13.5)_N		08A-006-C1_(13.5-15.5)_N		08A-006-C1_(15.5-16.9)_N		08A-006-C1_(3.5-5.5)_N		08A-006-C1_(5.5-7.5)_N		08A-006-C1_(7.5-9.5)_N		08A-006-C1_(9.5-11.5)_N	
		Date Collected	11/12/2008		11/12/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008	
		Depth	0.5-1.5		2.5-3.5		11.5-13.5		13.5-15.5		15.5-16.9		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	190		210		29		2.7		66		1.6		2.9		58		44	
2,4'-DDE	3424-82-6	ppb	76	U	79	U	36		4.8		79		3.1		3.8		85		53	
2,4'-DDT	789-02-6	ppb	220		230		1.1	U	25		4.6	U	0.59	U	160	U	6.1		79	
4,4'-DDD	72-54-8	ppb	250		360		65		6		140		5.2	U	8.3		130		110	
4,4'-DDE	72-55-9	ppb	300		290		140		19		300		14		16		370		220	
4,4'-DDT	50-29-3	ppb	350		210	U	11		7.3		17		1.5	U	160	U	10		300	
Aldrin	309-00-2	ppb	49	U	48	U	0.25	U	150	U	0.43		0.22	U	160	U	0.32		160	U
Alpha-BHC	319-84-6	ppb	49	U	48	U	0.36		150	U	1.7		0.65		0.12		1.1		1.1	
Alpha-Chlordane	5103-71-9	ppb	240		230		6.8		150	U	10		1.2	U	160	U	19		12	
Aroclor-1016	12674-11-2	ppb					410	U	380	U	410	U	82	U	83	U	390	U	390	U
Aroclor-1221	11104-28-2	ppb					410	U	380	U	410	U	82	U	83	U	390	U	390	U
Aroclor-1232	11141-16-5	ppb					410	U	380	U	410	U	82	U	83	U	390	U	390	U
Aroclor-1242	53469-21-9	ppb					2200		1500		3100		510		500		5800		2400	
Aroclor-1248	12672-29-6	ppb					410	U	380	U	410	U	82	U	83	U	390	U	390	U
Aroclor-1254	11097-69-1	ppb					1400		1100		2500		460		360		3800		1900	
Aroclor-1260	11096-82-5	ppb					470		300		790		180		120		1400		660	
Aroclor-1262	37324-23-5	ppb					410	U	380	U	410	U	82	U	83	U	390	U	390	U
Aroclor-1268	11100-14-4	ppb					410	U	380	U	410	U	82	U	83	U	390	U	390	U
Beta-BHC	319-85-7	ppb	27		48	U	2.9	U	150	U	4.1	U	2.1	U	160	U	2.9	U	160	U
Delta-BHC	319-86-8	ppb	49	U	48	U	0.23	U	150	U	0.51		0.14	U	160	U	0.28		160	U
Dieldrin	60-57-1	ppb	49	U	55	U	14		2.7		31		0.94	U	160	U	22		14	
Endosulfan I	959-98-8	ppb	49	U	48	U	0.96	U	150	U	1.3	U	1.4	U	160	U	1.3	U	160	U
Endosulfan II	33213-65-9	ppb	49	U	48	U	1.9	U	150	U	2	U	2.2	U	160	U	1.5	U	160	U
Endosulfan Sulfate	1031-07-8	ppb	49	U	48	U	0.2	U	150	U	0.19	U	0.23	U	160	U	0.16	U	160	U
Endrin	72-20-8	ppb	49	U	48	U	0.35	U	150	U	0.93	U	0.24	U	160	U	0.67	U	160	U
Endrin Aldehyde	7421-93-4	ppb	49	U	48	U	0.48	U	150	U	0.79	U	0.58	U	160	U	0.67	U	160	U
Endrin Ketone	53494-70-5	ppb	49	U	48	U	0.16	U	150	U	0.37	U	0.52	U	160	U	0.4	U	160	U
Gamma-BHC (Lindane)	58-89-9	ppb	49	U	48	U	0.49	U	150	U	0.86	U	0.45	U	160	U	0.67	U	160	U
Gamma-Chlordane	5566-34-7	ppb	370		260		12		150	U	19		2.5		160	U	27		14	
Heptachlor	76-44-8	ppb	49	U	48	U	0.2	U	150	U	0.22	U	0.19	U	160	U	0.22	U	160	U
Heptachlor Epoxide	1024-57-3	ppb	75		74		0.16	U	150	U	0.21	U	0.17	U	160	U	0.14	U	160	U
Hexachlorobenzene	118-74-1	ppb	37		24		11		150	U	34		2.1	U	2.5		25		23	
Methoxychlor	72-43-5	ppb	49	U	48	U	0.51	U	150	U	3.9	U	0.31	U	160	U	5.7	U	160	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	600		480		18		150	U	29		2.5		160	U	47		26	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb					4100		2800		6400		1200		960		11000		4900	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	1300		1100		290		39		610		19		31		670		720	
Total DDT (2,4)	TDDT-24	ppb	410		440		65		25		140		4.7		7		150		99	
Total DDT (4,4)	TDDT-44	ppb	910		650		220		32		460		14		24		520		630	
Toxaphene	8001-35-2	ppb	8400	U	9900	U	130	U	15000	U	140	U	100	U	16000	U	120	U	16000	U

		Location ID	2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007	
		Sample Name	08A-006-C2_(0.5-1.5)_N		08A-006-C2_(0-0.5)_N		08A-006-C2_(2.5-3.5)_N		08A-007-C2_(0.5-1.5)_N		08A-007-C2_(11.5-13.5)_N		08A-007-C2_(13.5-15.5)_N		08A-007-C2_(15.5-17.5)_N		08A-007-C2_(3.5-5.5)_N		08A-007-C2_(5.5-7.5)_N	
		Date Collected	11/18/2008		11/18/2008		11/18/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008	
		Depth	0.5-1.5		0.0-0.5		2.5-3.5		0.5-1.5		11.5-13.5		13.5-15.5		15.5-17.5		3.5-5.5		5.5-7.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	320		68		190		66		9.7		56		60		0.8		16	
2,4'-DDE	3424-82-6	ppb	190	U	31		140	U	57		15		27		7.5		1.2		20	
2,4'-DDT	789-02-6	ppb	510		9.2		360		600		0.69		1.3		1.4		0.2		1.2	
4,4'-DDD	72-54-8	ppb	380		180		170		330		19		44		16		1.9		35	
4,4'-DDE	72-55-9	ppb	590		210		390		510		61		120		31		5.3		88	
4,4'-DDT	50-29-3	ppb	1600		29		430		510		2		6.8		85		1.1		6.7	
Aldrin	309-00-2	ppb	75	U	1.9		97	U	0.14		400	U	430	U	420	U	0.12	U	360	U
Alpha-BHC	319-84-6	ppb	75	U	0.7		97	U	1.8		0.58		0.41		0.18		0.093	U	0.47	
Alpha-Chlordane	5103-71-9	ppb	120	U	130		97	U	180		3.3		5.2		2.2		0.39	U	4.7	
Aroclor-1016	12674-11-2	ppb			240	U			260	U	44	U	50	U	49	U	30	U	45	U
Aroclor-1221	11104-28-2	ppb			240	U			260	U	44	U	50	U	49	U	30	U	45	U
Aroclor-1232	11141-16-5	ppb			240	U			260	U	44	U	50	U	49	U	30	U	45	U
Aroclor-1242	53469-21-9	ppb			8700				5400		150		180		150		44		200	
Aroclor-1248	12672-29-6	ppb			240	U			260	U	44	U	50	U	49	U	30	U	45	U
Aroclor-1254	11097-69-1	ppb			7500				6900		81		120		100		33		200	
Aroclor-1260	11096-82-5	ppb			3600				3000		25		47		38		12		80	
Aroclor-1262	37324-23-5	ppb			240	U			260	U	44	U	50	U	49	U	30	U	45	U
Aroclor-1268	11100-14-4	ppb			240	U			260	U	44	U	50	U	49	U	30	U	45	U
Beta-BHC	319-85-7	ppb	75	U	2.7	U	97	U	160	U	400	U	430	U	420	U	1.3	U	360	U
Delta-BHC	319-86-8	ppb	75	U	0.17		97	U	0.3		400	U	430	U	420	U	0.16	U	360	U
Dieldrin	60-57-1	ppb	75	U	29		97	U	72		4		8.3		3.8		0.8	U	5.9	
Endosulfan I	959-98-8	ppb	75	U	0.48	U	97	U	66		400	U	430	U	420	U	0.53	U	360	U
Endosulfan II	33213-65-9	ppb	75	U	5.1		97	U	160	U	400	U	430	U	420	U	0.8	U	360	U
Endosulfan Sulfate	1031-07-8	ppb	75	U	0.43		97	U	160	U	400	U	430	U	420	U	0.089	U	360	U
Endrin	72-20-8	ppb	75	U	0.17	U	97	U	160	U	400	U	430	U	420	U	0.084	U	360	U
Endrin Aldehyde	7421-93-4	ppb	75	U	0.27	U	97	U	160	U	400	U	430	U	420	U	0.43	U	360	U
Endrin Ketone	53494-70-5	ppb	100	U	0.34	U	97	U	160	U	400	U	430	U	420	U	0.24	U	360	U
Gamma-BHC (Lindane)	58-89-9	ppb	23		0.41	U	18		160	U	400	U	430	U	420	U	0.21	U	360	U
Gamma-Chlordane	5566-34-7	ppb	190		130		97	U	360		6.1		9.5		420	U	0.76	U	6.6	
Heptachlor	76-44-8	ppb	75	U	0.63		97	U	0.18		400	U	430	U	420	U	0.098	U	360	U
Heptachlor Epoxide	1024-57-3	ppb	200		4.6		120		0.54		400	U	430	U	420	U	0.1	U	360	U
Hexachlorobenzene	118-74-1	ppb	64		24		36		81		3.6		6.2		3.1		0.58	U	30	
Methoxychlor	72-43-5	ppb	80		51		97	U	160	U	400	U	430	U	420	U	0.089	U	360	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	190		270		97	U	540		9.7		15		2.2		0.76	U	12	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb			20000				15000		250		340		300		89		480	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	3500		530		1500		1900		100		220		140		11		170	
Total DDT (2,4)	TDDT-24	ppb	830		110		540		600		25		56		60		2.2		37	
Total DDT (4,4)	TDDT-44	ppb	2600		410		1000		1300		81		170		85		8.4		130	
Toxaphene	8001-35-2	ppb	15000	U	43	U	10000	U	16000	U	40000	U	43000	U	42000	U	9.8	U	36000	U

		Location ID	2008 CLRC-007		2008 CLRC-007		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008	
		Sample Name	08A-007-C2_(7.5-9.5)_N		08A-007-C2_(9.5-11.5)_N		08A-008-C1_(0.5-1.5)_N		08A-008-C1_(11.5-13.5)_N		08A-008-C1_(13.5-15.5)_N		08A-008-C1_(5.5-7.5)_N		08A-008-C1_(7.5-9.5)_N		08A-008-C1_(9.5-11.5)_N		08A-008-C2_(1.5-2.5)_N		
		Date Collected	11/19/2008		11/19/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		11/24/2008		
		Depth	7.5-9.5		9.5-11.5		0.5-1.5		11.5-13.5		13.5-15.5		5.5-7.5		7.5-9.5		9.5-11.5		1.5-2.5		
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
2,4'-DDD	53-19-0	ppb	88		25		220		250		2400		84		160		230		150			
2,4'-DDE	3424-82-6	ppb	59		39		110		410		340		110		320		520		93	U		
2,4'-DDT	789-02-6	ppb	73		330	U	12		450		28		5.4		570		7.9	U	210			
4,4'-DDD	72-54-8	ppb	80		80		590		640		8600		240		440		620		180			
4,4'-DDE	72-55-9	ppb	230		170		660		2300		1800		540		1500		2300		260			
4,4'-DDT	50-29-3	ppb	120		130		84		450		150		57		71		93		260			
Aldrin	309-00-2	ppb	360	U	330	U	9.8		56	U	1.8	U	0.99		84	U	2.6		74	U		
Alpha-BHC	319-84-6	ppb	0.88		0.73		1.9		6.2		75		2.5		5.1		5.5		74	U		
Alpha-Chlordane	5103-71-9	ppb	6.4		6.7		420		310		440		91		130		210		110			
Aroclor-1016	12674-11-2	ppb	88	U	80	U	230	U	180	U	9200	U	230	U	280	U	280	U				
Aroclor-1221	11104-28-2	ppb	88	U	80	U	230	U	180	U	9200	U	230	U	280	U	280	U				
Aroclor-1232	11141-16-5	ppb	88	U	80	U	230	U	180	U	9200	U	230	U	280	U	280	U				
Aroclor-1242	53469-21-9	ppb	730		670		4400		29000		1000000		7600		11000		18000					
Aroclor-1248	12672-29-6	ppb	88	U	80	U	230	U	180	U	9200	U	230	U	280	U	280	U				
Aroclor-1254	11097-69-1	ppb	660		580		4400		16000		190000		6700		13000		11000					
Aroclor-1260	11096-82-5	ppb	280		230		2100		6400		62000		3000		5100		4500					
Aroclor-1262	37324-23-5	ppb	88	U	80	U	230	U	180	U	9200	U	230	U	280	U	280	U				
Aroclor-1268	11100-14-4	ppb	88	U	80	U	230	U	180	U	9200	U	230	U	280	U	280	U				
Beta-BHC	319-85-7	ppb	360	U	330	U	3.7		11		270		5.7		15		14		74	U		
Delta-BHC	319-86-8	ppb	360	U	330	U	0.68		1.2		1.8	U	0.39		34		1.9	U	74	U		
Dieldrin	60-57-1	ppb	11		8		84		72		1500		11		25		45		74	U		
Endosulfan I	959-98-8	ppb	360	U	330	U	1.2	U	56	U	11	U	0.74	U	84	U	4.8	U	74	U		
Endosulfan II	33213-65-9	ppb	360	U	330	U	7.7		56	U	16	U	1.8	U	84	U	9	U	74	U		
Endosulfan Sulfate	1031-07-8	ppb	360	U	330	U	0.37	U	56	U	1.6	U	0.22	U	84	U	1.1	U	74	U		
Endrin	72-20-8	ppb	360	U	330	U	1.4	U	64		4.6	U	0.71	U	54		4.5	U	74	U		
Endrin Aldehyde	7421-93-4	ppb	360	U	330	U	2.3	U	56	U	7.2	U	0.64	U	84	U	4.8	U	74	U		
Endrin Ketone	53494-70-5	ppb	360	U	330	U	2.1	U	74	U	8.4	U	1.1	U	7.1		11	U	74	U		
Gamma-BHC (Lindane)	58-89-9	ppb	360	U	330	U	0.84	U	56	U	6.6	U	1	U	84	U	2.7	U	74	U		
Gamma-Chlordane	5566-34-7	ppb	11		10		400		270		510		54		57		100		210			
Heptachlor	76-44-8	ppb	360	U	330	U	1.6		56	U	1	U	0.71		84	U	0.69	U	74	U		
Heptachlor Epoxide	1024-57-3	ppb	360	U	330	U	13		250		4.2		0.94		210		1.6		74	U		
Hexachlorobenzene	118-74-1	ppb	16		8.7		66		370		8800		34		68		220		24			
Methoxychlor	72-43-5	ppb	360	U	330	U	2.6	U	56	U	1900		3.9	U	95		17	U	74	U		
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	18		17		820		580		940		150		190		310		310			
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	1700		1500		11000		52000		1300000		17000		29000		33000					
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	540		370		1700		3700		13000		1000		2500		3800		1100			
Total DDT (2,4)	TDDT-24	ppb	160		65		350		680		2700		190		780		760		360			
Total DDT (4,4)	TDDT-44	ppb	380		370		1300		3100		10000		840		2000		3100		720			
Toxaphene	8001-35-2	ppb	36000	U	33000	U	40	U	9500	U	120	U	44	U	14000	U	180	U	7400	U		

Table B-7
TOC-Normalized Pesticides

		Location ID	2008 CLRC-008		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-010		2008 CLRC-010	
		Sample Name	08A-008-C2_(3.5-5.5)_N		08A-009-C3_(1.5-2.5)_N		08A-009-C3_(11.5-12.6)_N		08A-009-C3_(3.5-5.5)_N		08A-009-C3_(5.5-7.5)_N		08A-009-C3_(7.5-9.5)_N		08A-009-C3_(9.5-11.5)_N		08A-010-C1_(0.5-1.5)_N		08A-010-C1_(2.5-3.5)_N	
		Date Collected	11/24/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		12/8/2008		12/8/2008	
		Depth	3.5-5.5		1.5-2.5		11.5-12.6		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		2.5-3.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	240		300		310		290		280		250		390		310		230	
2,4'-DDE	3424-82-6	ppb	170	U	120		360		160		400		380		300		96	U	110	U
2,4'-DDT	789-02-6	ppb	410		320		490		420		5.9		450		12		330		300	
4,4'-DDD	72-54-8	ppb	300		760		670		840		690		630		840		500		340	
4,4'-DDE	72-55-9	ppb	490		830		3500		1100		1900		2000		2700		500		410	
4,4'-DDT	50-29-3	ppb	730		130		99		110		59		74		100		500		230	U
Aldrin	309-00-2	ppb	70	U	4.2		110	U	5.6		2		50	U	3.4		55	U	54	U
Alpha-BHC	319-84-6	ppb	70	U	53	U	5.4		50	U	5.6	U	4.7		4.5		55	U	54	U
Alpha-Chlordane	5103-71-9	ppb	89	U	550		790		560		290		320		830		310		160	
Aroclor-1016	12674-11-2	ppb			210	U	140	U	200	U	260	U	200	U	140	U				
Aroclor-1221	11104-28-2	ppb			210	U	140	U	200	U	260	U	200	U	140	U				
Aroclor-1232	11141-16-5	ppb			210	U	140	U	200	U	260	U	200	U	140	U				
Aroclor-1242	53469-21-9	ppb			9700		36000		8100		17000		22000		28000					
Aroclor-1248	12672-29-6	ppb			210	U	140	U	200	U	260	U	200	U	140	U				
Aroclor-1254	11097-69-1	ppb			4700		16000		4200		9000		10000		14000					
Aroclor-1260	11096-82-5	ppb			4200		8700		3300		5300		7200		7800					
Aroclor-1262	37324-23-5	ppb			210	U	140	U	200	U	260	U	200	U	140	U				
Aroclor-1268	11100-14-4	ppb			210	U	140	U	200	U	260	U	200	U	140	U				
Beta-BHC	319-85-7	ppb	70	U	2.8		3.8		3.1		3.4		3.8		3.9	U	69		54	U
Delta-BHC	319-86-8	ppb	43		53	U	33	U	27		1.2	U	50	U	0.83	U	55	U	54	U
Dieldrin	60-57-1	ppb	70	U	42		200		31		56	U	77		130		55	U	54	U
Endosulfan I	959-98-8	ppb	70	U	57	U	94	U	50	U	9	U	50	U	4.5	U	55	U	54	U
Endosulfan II	33213-65-9	ppb	70	U	53	U	130	U	50	U	3.1	U	59		9.5	U	55	U	54	U
Endosulfan Sulfate	1031-07-8	ppb	70	U	12		33	U	50	U	0.72	U	50	U	1.1	U	55	U	54	U
Endrin	72-20-8	ppb	70	U	42		100		44		3	U	74		2.5	U	55	U	54	U
Endrin Aldehyde	7421-93-4	ppb	70	U	53	U	33	U	50	U	2.9	U	50	U	2.2	U	55	U	54	U
Endrin Ketone	53494-70-5	ppb	71	U	78	U	110	U	71	U	1.1	U	120	U	1.6	U	75	U	73	U
Gamma-BHC (Lindane)	58-89-9	ppb	25		76	U	160	U	50	U	3.7	U	50	U	2.8	U	55	U	25	
Gamma-Chlordane	5566-34-7	ppb	150		550		770		580		260		380		750		480		250	
Heptachlor	76-44-8	ppb	70	U	13		36	U	2.7		0.31	U	50	U	2		55	U	54	U
Heptachlor Epoxide	1024-57-3	ppb	140		4.9		2		4.2		1.9		1.7		2.5		110		100	
Hexachlorobenzene	118-74-1	ppb	30		28		120		35		59		59		95		58		59	
Methoxychlor	72-43-5	ppb	89		53	U	310		110	U	24	U	100	U	41		140	U	110	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	150		1100		1600		1100		560		630		1600		790		410	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb			19000		61000		16000		31000		38000		50000					
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	2200		2300		4900		2500		3400		3400		4400		2100		1300	
Total DDT (2,4)	TDDT-24	ppb	650		550		860		480		690		630		700		630		540	
Total DDT (4,4)	TDDT-44	ppb	1500		1700		4300		2000		2600		2700		3600		1500		750	
Toxaphene	8001-35-2	ppb	11000	U	5300	U	3300	U	5000	U	150	U	21000	U	88	U	13000	U	11000	U

Table B-7
TOC-Normalized Pesticides

		Location ID	2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010	
		Sample Name	08A-010-C1_(3.5-5.5)_N		08A-010-C1_(5.5-7.5)_N		08A-010-C2_(11.5-13.5)_N		08A-010-C2_(13.5-15.5)_N		08A-010-C2_(15.5-17.5)_N		08A-010-C2_(17.5-19.5)_N		08A-010-C2_(19.5-21.75)_N		08A-010-C2_(7.5-9.5)_N		08A-010-C2_(9.5-11.5)_N	
		Date Collected	12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008	
		Depth	3.5-5.5		5.5-7.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.8		7.5-9.5		9.5-11.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	340		230		270		350		500		280		220		70		410	
2,4'-DDE	3424-82-6	ppb	150		120	U	400		370		270		350		350		67		520	
2,4'-DDT	789-02-6	ppb	390		290		20	U	630		14	U	1200		2.3	U	4.4		790	
4,4'-DDD	72-54-8	ppb	560		350		660		670		1100		570		510		170		520	
4,4'-DDE	72-55-9	ppb	550		430		2100		2400		2600		3100		3400		360		2200	
4,4'-DDT	50-29-3	ppb	520		370		100		130		150		69		48		25		990	
Aldrin	309-00-2	ppb	61	U	55	U	2.3	U	53	U	9.2		88	U	2.3	U	0.98		71	U
Alpha-BHC	319-84-6	ppb	59	U	55	U	6.6	U	53	U	4.2	U	41	U	5.8	U	1.2	U	71	U
Alpha-Chlordane	5103-71-9	ppb	300		170		360		510		1100		570		580		83		220	
Aroclor-1016	12674-11-2	ppb					190	U	170	U	130	U	140	U	130	U	240	U	220	U
Aroclor-1221	11104-28-2	ppb					190	U	170	U	130	U	140	U	130	U	240	U	220	U
Aroclor-1232	11141-16-5	ppb					190	U	170	U	130	U	140	U	130	U	240	U	220	U
Aroclor-1242	53469-21-9	ppb					8500		12000		11000		23000		22000		6700		12000	
Aroclor-1248	12672-29-6	ppb					190	U	170	U	130	U	140	U	130	U	240	U	220	U
Aroclor-1254	11097-69-1	ppb					9100		10000		8100		12000		6600		8300		13000	
Aroclor-1260	11096-82-5	ppb					3600		4300		3300		4100		2900		3400		4900	
Aroclor-1262	37324-23-5	ppb					190	U	170	U	130	U	140	U	130	U	240	U	220	U
Aroclor-1268	11100-14-4	ppb					190	U	170	U	130	U	140	U	130	U	240	U	220	U
Beta-BHC	319-85-7	ppb	90		74		4.4		4.5		3.8		4		4.1		0.85		130	
Delta-BHC	319-86-8	ppb	59	U	19		0.74	U	53	U	1.4		1.7		1.8		0.28		74	
Dieldrin	60-57-1	ppb	63		58		87		75		100		150		220		11		66	
Endosulfan I	959-98-8	ppb	59	U	55	U	5.9	U	75		6.8	U	91		6.7	U	0.7	U	71	U
Endosulfan II	33213-65-9	ppb	59	U	55	U	7	U	87		39		150	U	7.2	U	1.2	U	77	U
Endosulfan Sulfate	1031-07-8	ppb	59	U	55	U	0.85	U	53	U	0.98	U	41	U	0.86	U	0.14	U	71	U
Endrin	72-20-8	ppb	59	U	55	U	2.3	U	59	U	2.4	U	150		3.2	U	0.36	U	71	U
Endrin Aldehyde	7421-93-4	ppb	59	U	55	U	3.2	U	53	U	2	U	58	U	2.6	U	0.39	U	71	U
Endrin Ketone	53494-70-5	ppb	93	U	80		3.6	U	140	U	4.7	U	170	U	6.4	U	0.44	U	160	U
Gamma-BHC (Lindane)	58-89-9	ppb	39		29		3	U	53	U	2.9	U	55	U	2.9	U	0.65	U	71	U
Gamma-Chlordane	5566-34-7	ppb	490		290		270		450		1100		520		540		78		200	
Heptachlor	76-44-8	ppb	59	U	55	U	1	U	53	U	2.6	U	41	U	1.6	U	0.62	U	71	U
Heptachlor Epoxide	1024-57-3	ppb	130		110		2.3		240		4.5		400		1.6		0.65		300	
Hexachlorobenzene	118-74-1	ppb	80		78		66		69		60		130		290		12		100	
Methoxychlor	72-43-5	ppb	150	U	110	U	23	U	89		14	U	170		55	U	3.6	U	99	
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	780		470		630		960		2100		1100		1100		160		410	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb					21000		26000		23000		40000		32000		18000		30000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	2200		1700		3600		3900		4500		4300		4500		700		4400	
Total DDT (2,4)	TDDT-24	ppb	800		530		680		980		770		1200		570		140		1600	
Total DDT (4,4)	TDDT-44	ppb	1400		1200		3000		3100		3800		3700		3900		570		2700	
Toxaphene	8001-35-2	ppb	14000	U	11000	U	160	U	18000	U	140	U	26000	U	150	U	16	U	26000	U

		Location ID	2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011	
		Sample Name	08A-011-C1_(1.5-2.5)_N		08A-011-C1_(11.5-13.5)_N		08A-011-C1_(13.5-15.5)_N		08A-011-C1_(15.5-17.5)_N		08A-011-C1_(17.5-19.5)_N		08A-011-C1_(2.5-3.5)_N		08A-011-C1_(3.5-5.5)_N		08A-011-C1_(3.5-5.5)_N		08A-011-C1_(7.5-9.5)_N			
		Date Collected	11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008			
		Depth	1.5-2.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		2.5-3.5		3.5-5.5		3.5-5.5		7.5-9.5			
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N			
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
2,4'-DDD	53-19-0	ppb	0.89		0.26	U	250	U	0.27	U	0.49	U	0.51				0.62		0.24	U		
2,4'-DDE	3424-82-6	ppb	0.93		0.29	U	250	U	0.53	U	0.73	U	0.27	U			0.61		0.4	U		
2,4'-DDT	789-02-6	ppb	0.46		0.32	U	250	U	0.74	U	0.62	U	0.23	U			200	U	0.31	U		
4,4'-DDD	72-54-8	ppb	2.2		0.32	U	0.6		0.33	U	0.51	U	1.7				1.5		0.24	U		
4,4'-DDE	72-55-9	ppb	3.8		0.34	U	250	U	0.75	U	0.96	U	0.38	U			2.3		0.84			
4,4'-DDT	50-29-3	ppb	0.93		3.1	U	250	U	1	U	0.79	U	0.27	U			200	U	0.39	U		
Aldrin	309-00-2	ppb	1		0.092	U	0.75		0.12		1.1		1.9				0.45		0.34			
Alpha-BHC	319-84-6	ppb	270	U	0.3	U	250	U	0.1	U	0.13	U	0.12	U			200	U	0.084	U		
Alpha-Chlordane	5103-71-9	ppb	2.6		0.43	U	1.5		0.63	U	1.5		3.1		1.4				0.56	U		
Aroclor-1016	12674-11-2	ppb	64	U	44	U	62	U	53	U	64	U	52	U			51	U	50	U		
Aroclor-1221	11104-28-2	ppb	64	U	44	U	62	U	53	U	64	U	52	U			51	U	50	U		
Aroclor-1232	11141-16-5	ppb	64	U	44	U	62	U	53	U	64	U	52	U			51	U	50	U		
Aroclor-1242	53469-21-9	ppb	64	U	44	U	62	U	53	U	64	U	52	U			51	U	50	U		
Aroclor-1248	12672-29-6	ppb	64	U	44	U	62	U	53	U	64	U	52	U			51	U	50	U		
Aroclor-1254	11097-69-1	ppb	64	U	44	U	62	U	53	U	64	U	52	U			51	U	50	U		
Aroclor-1260	11096-82-5	ppb	64	U	44	U	62	U	53	U	64	U	52	U			51	U	50	U		
Aroclor-1262	37324-23-5	ppb	64	U	44	U	62	U	53	U	64	U	52	U			51	U	50	U		
Aroclor-1268	11100-14-4	ppb	64	U	44	U	62	U	53	U	64	U	52	U			51	U	50	U		
Beta-BHC	319-85-7	ppb	270	U	0.49	U	250	U	0.15	U	0.22	U	0.17				200	U	0.12	U		
Delta-BHC	319-86-8	ppb	270	U	0.17	U	250	U	0.28	U	0.34	U	0.14	U			200	U	0.2	U		
Dieldrin	60-57-1	ppb	3.3		0.51	U	250	U	0.63	U	2.5	U	4.3				200	U	0.99	U		
Endosulfan I	959-98-8	ppb	270	U	0.46	U	0.89		0.62	U	1.6	U	0.29	U			200	U	1.1	U		
Endosulfan II	33213-65-9	ppb	0.83		0.39	U	250	U	0.43	U	0.6	U	0.44	U			200	U	0.34	U		
Endosulfan Sulfate	1031-07-8	ppb	270	U	0.25	U	250	U	0.053	U	0.063	U	0.041	U			200	U	0.034	U		
Endrin	72-20-8	ppb	270	U	0.16	U	250	U	0.27	U	0.3	U	0.17	U	0.19				0.34	U		
Endrin Aldehyde	7421-93-4	ppb	270	U	1.2	U	250	U	0.27	U	0.57	U	0.24	U	0.25				0.37	U		
Endrin Ketone	53494-70-5	ppb	0.15		0.21	U	250	U	0.34	U	0.45	U	0.37				200	U	0.22	U		
Gamma-BHC (Lindane)	58-89-9	ppb	270	U	0.46	U	250	U	0.38	U	0.46	U	0.37	U			200	U	0.11	U		
Gamma-Chlordane	5566-34-7	ppb	3.1		0.51	U	2.2		0.85	U	3.1		4.9				1.7		0.84	U		
Heptachlor	76-44-8	ppb	270	U	0.14	U	250	U	0.026	U	0.93		0.12	U			200	U	0.048	U		
Heptachlor Epoxide	1024-57-3	ppb	270	U	0.2	U	250	U	0.085	U	0.13	U	0.049	U			200	U	0.076	U		
Hexachlorobenzene	118-74-1	ppb	270	U	0.46	U	250	U	0.25	U	0.54	U	0.3	U			200	U	0.25	U		
Methoxychlor	72-43-5	ppb	270	U	0.21	U	250	U	0.3	U	0.41	U	0.16	U			200	U	0.21	U		
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	5.6		0.51	U	3.7		0.85	U	4.6		8				2.4		0.84	U		
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	64	U	44	U	62	U	53	U	64	U	52	U			51	U	50	U		
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	9.3		3.1	U	0.6		1	U	0.96	U	2.2				5.1		0.84			
Total DDT (2,4)	TDDT-24	ppb	2.2		0.32	U	250	U	0.74	U	0.73	U	0.51				1.2		0.4	U		
Total DDT (4,4)	TDDT-44	ppb	7		3.1	U	0.6		1	U	0.96	U	1.7				3.8		0.84			
Toxaphene	8001-35-2	ppb	27000	U	67	U	25000	U	77	U	110	U	55	U			20000	U	52	U		

Table B-7
TOC-Normalized Pesticides

		Location ID	2008 CLRC-011		2008 CLRC-011		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012	
		Sample Name	08A-011-C1_(9.5-11.5)_N		08A-011-C2_(5.5-7.5)_N		08A-012-C1_(11.5-13.5)_N		08A-012-C1_(2.5-3.75)_N		08A-012-C1_(5.5-7.5)_N		08A-012-C1_(5.5-7.5)_N		08A-012-C1_(7.5-9.5)_N		08A-012-C1_(9.5-11.5)_N		08A-012-C2_(0.5-1.5)_N	
		Date Collected	11/13/2008		11/13/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008	
		Depth	9.5-11.5		5.5-7.5		11.5-13.5		2.5-3.8		5.5-7.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	220	U	260	U	200		160				380		220		310		240	
2,4'-DDE	3424-82-6	ppb	220	U	260	U	430		130				310		540		410		89	U
2,4'-DDT	789-02-6	ppb	220	U	260	U	14	U	280				640		6	U	680		320	
4,4'-DDD	72-54-8	ppb	0.75		260	U	1200		350		360				570		610		300	
4,4'-DDE	72-55-9	ppb	220	U	260	U	2100		730		1200				2200		1900		420	
4,4'-DDT	50-29-3	ppb	220	U	260	U	5000		500				1300		180		700		370	
Aldrin	309-00-2	ppb	1		260	U	1.2	U	73	U			83	U	1.2	U	59	U	79	U
Alpha-BHC	319-84-6	ppb	220	U	260	U	5.4	U	73	U	2.3				5.7	U	59	U	79	U
Alpha-Chlordane	5103-71-9	ppb	2		260	U	190		170				190		190		220		120	
Aroclor-1016	12674-11-2	ppb	61	U			180	U	250	U			270	U	240	U	190	U		
Aroclor-1221	11104-28-2	ppb	61	U			180	U	250	U			270	U	240	U	190	U		
Aroclor-1232	11141-16-5	ppb	61	U			180	U	250	U			270	U	240	U	190	U		
Aroclor-1242	53469-21-9	ppb	61	U			6100		6000				8000		8400		4800			
Aroclor-1248	12672-29-6	ppb	61	U			180	U	250	U			270	U	240	U	190	U		
Aroclor-1254	11097-69-1	ppb	61	U			6100		7300				7600		8100		5500			
Aroclor-1260	11096-82-5	ppb	61	U			2600		3300				3100		3600		2200			
Aroclor-1262	37324-23-5	ppb	61	U			180	U	250	U			270	U	240	U	190	U		
Aroclor-1268	11100-14-4	ppb	61	U			180	U	250	U			270	U	240	U	190	U		
Beta-BHC	319-85-7	ppb	220	U	260	U	6.7	U	1.7				110		8.1	U	59	U	30	
Delta-BHC	319-86-8	ppb	220	U	260	U	1.6	U	73	U			83	U	2	U	59	U	79	U
Dieldrin	60-57-1	ppb	2.7		260	U	59		17				34		69		110		79	U
Endosulfan I	959-98-8	ppb	220	U	260	U	2.4	U	33				83	U	4.5	U	59	U	79	U
Endosulfan II	33213-65-9	ppb	220	U	260	U	5	U	73	U			83	U	6.3	U	59	U	79	U
Endosulfan Sulfate	1031-07-8	ppb	220	U	260	U	0.59	U	73	U			83	U	0.84	U	59	U	79	U
Endrin	72-20-8	ppb	0.38		260	U	2.6	U	73	U			83	U	2.7	U	59	U	79	U
Endrin Aldehyde	7421-93-4	ppb	220	U	260	U	2.6	U	73	U			83	U	3.3	U	59	U	79	U
Endrin Ketone	53494-70-5	ppb	220	U	260	U	3	U	73	U			120	U			170		79	U
Gamma-BHC (Lindane)	58-89-9	ppb	220	U	260	U	2.2	U	17				83	U	2.3	U	59	U	79	U
Gamma-Chlordane	5566-34-7	ppb	3		260	U	170		170				150		160		170		170	
Heptachlor	76-44-8	ppb	220	U	260	U	1.1	U	0.86				83	U	0.72	U	59	U	79	U
Heptachlor Epoxide	1024-57-3	ppb	220	U	260	U	1	U	110				250		1	U	240		120	
Hexachlorobenzene	118-74-1	ppb	220	U	260	U	61		35				150		81		87		54	
Methoxychlor	72-43-5	ppb	220	U	260	U	17		73	U	120				21		87		120	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	5		260	U	370		350				340		360		390		300	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	61	U			15000		17000				19000		20000		12000			
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	0.75		260	U	8900		1400		3600				3600		3300		1700	
Total DDT (2,4)	TDDT-24	ppb	220	U	260	U	630		430				1000		750		980		570	
Total DDT (4,4)	TDDT-44	ppb	0.75		260	U	8300		1100		2400				3000		2600		1100	
Toxaphene	8001-35-2	ppb	22000	U	26000	U	570	U	10000	U			24000	U	660	U	20000	U	12000	U

		Location ID	2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013	
		Sample Name	08A-013-C1_(2.5-3.5)_N		08A-013-C2_(0.5-1.5)_N		08A-013-C2_(1.5-2.5)_N		08A-013-C2_(11.5-13.5)_N		08A-013-C2_(13.5-15.5)_N		08A-013-C2_(3.5-5.5)_N		08A-013-C2_(5.5-7.5)_N		08A-013-C2_(5.5-7.5)_N		08A-013-C2_(7.5-9.5)_N			
		Date Collected	11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008			
		Depth	2.5-3.5		0.5-1.5		1.5-2.5		11.5-13.5		13.5-15.5		3.5-5.5		5.5-7.5		5.5-7.5		7.5-9.5			
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N			
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
2,4'-DDD	53-19-0	ppb	190		170		94		460		320		95		360				260			
2,4'-DDE	3424-82-6	ppb	92	U	28		39		370		400		57		260							
2,4'-DDT	789-02-6	ppb	310		240		6.5		19		8.6		9.5		560							
4,4'-DDD	72-54-8	ppb	220		240		230		1500		690		270		990							
4,4'-DDE	72-55-9	ppb	340		260		270		2600		5500		360		1600							
4,4'-DDT	50-29-3	ppb	430		280		32		140		970		30		560				380			
Aldrin	309-00-2	ppb	67	U	41		2.8		2.1		1.5		1		3.8							
Alpha-BHC	319-84-6	ppb	67	U	0.39		0.49		18		5.9		0.82		3.1							
Alpha-Chlordane	5103-71-9	ppb	150		210		190		630		760		160		590							
Aroclor-1016	12674-11-2	ppb			190	U	180	U	150	U	680	U	210	U			230	U				
Aroclor-1221	11104-28-2	ppb			190	U	180	U	150	U	680	U	210	U			230	U				
Aroclor-1232	11141-16-5	ppb			190	U	180	U	150	U	680	U	210	U			230	U				
Aroclor-1242	53469-21-9	ppb			4300		4800		11000		59000		5900				7200					
Aroclor-1248	12672-29-6	ppb			190	U	180	U	150	U	680	U	210	U			230	U				
Aroclor-1254	11097-69-1	ppb			3700		6200		6700		23000		7500				8300					
Aroclor-1260	11096-82-5	ppb			1900		3000		3000		7100		3600				3900					
Aroclor-1262	37324-23-5	ppb			190	U	180	U	150	U	680	U	210	U			230	U				
Aroclor-1268	11100-14-4	ppb			190	U	180	U	150	U	680	U	210	U			230	U				
Beta-BHC	319-85-7	ppb	67	U	1.2		0.94		10		4		0.93		71	U			4.7			
Delta-BHC	319-86-8	ppb	67	U	0.21		0.27		2.5		1.8		0.2		71	U						
Dieldrin	60-57-1	ppb	67	U	130		12		140		260		11		130							
Endosulfan I	959-98-8	ppb	67	U	58	U	0.35	U	6.2	U	83		1.6	U	71	U						
Endosulfan II	33213-65-9	ppb	67	U	7.1		1.5		12	U	150		1	U	71	U						
Endosulfan Sulfate	1031-07-8	ppb	67	U	0.67		0.16	U	1.3	U	40	U	0.15	U	71	U			74	U		
Endrin	72-20-8	ppb	67	U	4.9		2.8		3.2	U	77	U	0.73	U	71	U						
Endrin Aldehyde	7421-93-4	ppb	67	U	2.6		0.57	U	2.8	U	40	U	0.32	U	71	U						
Endrin Ketone	53494-70-5	ppb	67	U	10		0.46	U	2.3	U	94	U	0.39	U	87	U			74	U		
Gamma-BHC (Lindane)	58-89-9	ppb	67	U	58	U	0.58	U	4.6	U	60	U	0.39	U	71	U						
Gamma-Chlordane	5566-34-7	ppb	310		280		180		580		770		170		540							
Heptachlor	76-44-8	ppb	67	U	15		0.49		0.85	U	1.3		0.55		1				74	U		
Heptachlor Epoxide	1024-57-3	ppb	83		62		2.5		2.6		350		1.1		160							
Hexachlorobenzene	118-74-1	ppb	67	U	24		11		70		110		16		46							
Methoxychlor	72-43-5	ppb	65		71	U	2.5	U	37	U	130		32		94							
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	470		450		370		1200		1500		340		1100							
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb			9900		14000		21000		89000		17000				19000					
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	1500		1200		670		5100		7100		820		3300							
Total DDT (2,4)	TDDT-24	ppb	490		410		140		850		740		160		870				710			
Total DDT (4,4)	TDDT-44	ppb	990		780		530		4200		6300		660		2800							
Toxaphene	8001-35-2	ppb	8500	U	6500	U	14	U	950	U	18000	U	17	U	14000	U						

		Location ID	2008 CLRC-013		2008 CLRC-013		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014	
		Sample Name	08A-013-C2_(7.5-9.5)_N		08A-013-C2_(9.5-11.5)_N		08A-014-C1_(11.5-13.5)_N		08A-014-C1_(13.5-15.5)_N		08A-014-C1_(15.5-17.5)_N		08A-014-C1_(17.5-19.75)_N		08A-014-C1_(7.5-9.5)_N		08A-014-C1_(9.5-11.5)_N		08A-014-C2_(0.5-1.5)_N		
		Date Collected	11/17/2008		11/17/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		12/3/2008		
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.8		7.5-9.5		9.5-11.5		0.5-1.5		
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
2,4'-DDD	53-19-0	ppb			330		0.69	U	18		5.8		110	U	2700		14		270		
2,4'-DDE	3424-82-6	ppb	470		400		2.4		36		10		110	U	6700		71		220	U	
2,4'-DDT	789-02-6	ppb	600		480		1.4	U	130	U	4.2	U	110	U	39		49	U	450		
4,4'-DDD	72-54-8	ppb	750		840		2.6		39		11		110	U	5800		51		270		
4,4'-DDE	72-55-9	ppb	2000		2200		9.9	U	130		32		110	U	20000		220		580		
4,4'-DDT	50-29-3	ppb			460		3.2	U	130	U	13	U	110	U	380		250	U	580		
Aldrin	309-00-2	ppb	78	U	26		0.44	U	130	U	0.99	U	110	U	0.64	U	49	U	75	U	
Alpha-BHC	319-84-6	ppb	4.5		5.5		0.28	U	130	U	0.73	U	110	U	16		49	U	75	U	
Alpha-Chlordane	5103-71-9	ppb	250		420		1.4	U	2.5		2	U	110	U	21		49	U	75	U	
Aroclor-1016	12674-11-2	ppb	260	U	200	U	52	U	65	U	73	U	50	U	130	U	160	U			
Aroclor-1221	11104-28-2	ppb	260	U	200	U	52	U	65	U	73	U	50	U	130	U	160	U			
Aroclor-1232	11141-16-5	ppb	260	U	200	U	52	U	65	U	73	U	50	U	130	U	160	U			
Aroclor-1242	53469-21-9	ppb	19000		14000		52	U	65	U	73	U	50	U	1600		160	U			
Aroclor-1248	12672-29-6	ppb	260	U	200	U	52	U	65	U	73	U	50	U	130	U	160	U			
Aroclor-1254	11097-69-1	ppb	14000		14000		790		240		73	U	50	U	11000		160	U			
Aroclor-1260	11096-82-5	ppb	5800		6400		52	U	65	U	73	U	50	U	4700		3500				
Aroclor-1262	37324-23-5	ppb	260	U	200	U	52	U	65	U	73	U	50	U	130	U	160	U			
Aroclor-1268	11100-14-4	ppb	260	U	200	U	52	U	65	U	73	U	50	U	130	U	160	U			
Beta-BHC	319-85-7	ppb			4.8		0.46	U	280		1	U	110	U	16		56		75	U	
Delta-BHC	319-86-8	ppb	100	U	59	U	0.83	U	150	U	2.9	U	110	U	7.3		51	U	75	U	
Dieldrin	60-57-1	ppb	110		180		1.4	U	130	U	1.8	U	110	U	2.9	U	56	U	75	U	
Endosulfan I	959-98-8	ppb	78	U	37		2.4	U	130	U	6.4	U	110	U	5	U	20		43		
Endosulfan II	33213-65-9	ppb	78	U	59	U	4.8	U	130	U	6.7	U	110	U	8.8	U	49	U	75	U	
Endosulfan Sulfate	1031-07-8	ppb			59	U	0.6	U	100		0.83	U	110	U	0.98	U	32		75	U	
Endrin	72-20-8	ppb	78	U	59	U	3	U	130	U	2.7	U	110	U	4.1	U	49	U	75	U	
Endrin Aldehyde	7421-93-4	ppb	78	U	59	U	2.2	U	130	U	2.7	U	110	U	4.5	U	49	U	75	U	
Endrin Ketone	53494-70-5	ppb			13		4.8	U	180		3.8	U	110	U	5.2	U	340		110	U	
Gamma-BHC (Lindane)	58-89-9	ppb	28		24		0.42	U	28		1.2	U	110	U	2.9	U	49	U	28		
Gamma-Chlordane	5566-34-7	ppb	220		370		1.2	U	78		1.7	U	110	U	71		49	U	110	U	
Heptachlor	76-44-8	ppb			13		0.22	U	0.67		0.45	U	0.38		0.26	U	49	U	75	U	
Heptachlor Epoxide	1024-57-3	ppb	190		160		0.24	U	130	U	0.48	U	110	U	0.31	U	49	U	160		
Hexachlorobenzene	118-74-1	ppb	73		55		11	U	130	U	32	U	110	U	430		52		55		
Methoxychlor	72-43-5	ppb	78	U	59	U	11		120		6.7		110		12		81		100		
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	490		790		1.4	U	78		2	U	110	U	92		49	U	110	U	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	39000		35000		790		240		73	U	50	U	17000		3500				
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	3800		4000		5		220		58		110	U	35000		350		2200		
Total DDT (2,4)	TDDT-24	ppb			750		2.4		54		16		110	U	9400		84		730		
Total DDT (4,4)	TDDT-44	ppb	3000		3300		2.6		170		42		110	U	26000		270		1400		
Toxaphene	8001-35-2	ppb	12000	U	11000	U	140	U	13000	U	320	U	11000	U	170	U	10000	U	13000	U	

Table B-7
TOC-Normalized Pesticides

			Location ID	2008 CLRC-014		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015	
			Sample Name	08A-014-C2_(2.5-3.5)_N		08A-015-C2_(1.5-2.5)_N		08A-015-C2_(10.5-11.85)_N		08A-015-C2_(11.85-13.15)_N		08A-015-C2_(2.5-3.5)_N		08A-015-C2_(3.5-5.5)_N		08A-015-C2_(5.5-7.5)_N		08A-015-C2_(7.5-8.35)_N		08A-015-C2_(8.35-10.5)_N	
			Date Collected	12/3/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008	
			Depth	2.5-3.5		1.5-2.5		10.5-11.9		11.9-13.1		2.5-3.5		3.5-5.5		5.5-7.5		7.5-8.4		8.4-10.5	
			Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb		600		350		31	U	0.041	U	150		420		330		64		1	
2,4'-DDE	3424-82-6	ppb		300	U	130		31	U	0.094	U	100		210		60		20	U	0.45	U
2,4'-DDT	789-02-6	ppb		1300	U	610		31	U	0.045	U	9.6		1200		26		10		0.51	U
4,4'-DDD	72-54-8	ppb		500		940		0.29		0.037	U	390		1100		850		110		1.8	
4,4'-DDE	72-55-9	ppb		2200		770		0.56		0.17		570		1400		430		100		1	U
4,4'-DDT	50-29-3	ppb		1400	U	690		1.7		0.65		48		1300		23		22		3.8	
Aldrin	309-00-2	ppb		50	U	370		31	U	0.02	U	17		930		2.7		11		0.18	U
Alpha-BHC	319-84-6	ppb		50	U	11		31	U	0.022	U	2	U	160	U	2.4		3.8		0.18	U
Alpha-Chlordane	5103-71-9	ppb		73	U	390		31	U	0.19	U	230		480		150		11	U	1.7	U
Aroclor-1016	12674-11-2	ppb				180	U	39	U	16	U	180	U	230	U	340	U	28	U	86	U
Aroclor-1221	11104-28-2	ppb				180	U	39	U	16	U	180	U	230	U	340	U	28	U	86	U
Aroclor-1232	11141-16-5	ppb				180	U	39	U	16	U	180	U	230	U	340	U	28	U	86	U
Aroclor-1242	53469-21-9	ppb				13000		43		9.6		15000		61000		55000		320		280	
Aroclor-1248	12672-29-6	ppb				180	U	39	U	16	U	180	U	230	U	340	U	28	U	86	U
Aroclor-1254	11097-69-1	ppb				5800		39	U	16	U	6600		18000		12000		110		86	U
Aroclor-1260	11096-82-5	ppb				2100		39	U	16	U	2700		6100		340	U	34		86	U
Aroclor-1262	37324-23-5	ppb				180	U	39	U	16	U	180	U	230	U	340	U	28	U	86	U
Aroclor-1268	11100-14-4	ppb				180	U	39	U	16	U	180	U	230	U	340	U	28	U	86	U
Beta-BHC	319-85-7	ppb		50	U	53	U	31	U	0.49	U	6	U	230		17		11	U	3.5	U
Delta-BHC	319-86-8	ppb		50	U	2.1		31	U	0.045	U	0.84		160	U	6		11	U	0.4	U
Dieldrin	60-57-1	ppb		210	U	370		31	U	0.35	U	80		1300		5000		21		5.4	
Endosulfan I	959-98-8	ppb		130		94		31	U	0.22	U	1.6	U	160	U	1.1	U	11	U	0.68	U
Endosulfan II	33213-65-9	ppb		180		53	U	31	U	0.15	U	2	U	160	U	1.6	U	11	U	0.92	U
Endosulfan Sulfate	1031-07-8	ppb		50	U	53	U	31	U	0.016	U	0.27	U	160	U	0.23	U	11	U	0.097	U
Endrin	72-20-8	ppb		130		53	U	31	U	0.07	U	1.2	U	160	U	0.55	U	11	U	0.55	U
Endrin Aldehyde	7421-93-4	ppb		65	U	160		31	U	0.14	U	1.4	U	140		1.2	U	2.3	U	1.1	U
Endrin Ketone	53494-70-5	ppb		240	U	1.2		31	U	0.035	U	1.1		3.2		0.55	U	3.1		0.23	U
Gamma-BHC (Lindane)	58-89-9	ppb		75		40		31	U	0.059	U	0.98	U	160	U	0.46	U	11	U	0.25	U
Gamma-Chlordane	5566-34-7	ppb		88	U	400		31	U	0.33	U	230		480		160		11	U	3.4	U
Heptachlor	76-44-8	ppb		50	U	1.3		31	U	0.027	U	1.3		160	U	0.06	U	22	U	0.13	U
Heptachlor Epoxide	1024-57-3	ppb		450		270		31	U	0.025	U	1.5		1400		1.1		19		0.23	U
Hexachlorobenzene	118-74-1	ppb		95		160		31	U	0.17	U	52		350		250		12		1.3	U
Methoxychlor	72-43-5	ppb		180	U	270	U	31	U	0.014	U	2.8	U	310	U	4.8	U	11	U	0.2	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb		88	U	790		31	U	0.33	U	460		960		310		11	U	3.4	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb				21000		43		9.6		25000		87000		65000		460		280	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb		3400		2900		2.6		0.82		1300		4200		1700		300		6.8	
Total DDT (2,4)	TDDT-24	ppb		600		610		31	U	0.094	U	270		1200		410		73		1	
Total DDT (4,4)	TDDT-44	ppb		2800		2400		2.6		0.82		1000		3000		1300		230		5.7	
Toxaphene	8001-35-2	ppb		28000	U	14000	U	3100	U	3.1	U	37	U	45000	U	20	U	1100	U	35	U

Table B-7
TOC-Normalized Pesticides

		Location ID	2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016	
		Sample Name	08A-016-C1_(11.5-13.5)_N		08A-016-C1_(13.5-15.5)_N		08A-016-C1_(15.5-17.5)_N		08A-016-C1_(17.5-19.12)_N		08A-016-C1_(5.5-7.5)_N		08A-016-C1_(7.5-9.5)_N		08A-016-C1_(9.5-11.5)_N		08A-016-C2_(0.5-1.5)_N		08A-016-C2_(2.5-3.5)_N	
		Date Collected	12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.1		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		2.5-3.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	390		450		480		490		280		350		350		230		520	
2,4'-DDE	3424-82-6	ppb	300		240		450		300		120		160		190		120		140	U
2,4'-DDT	789-02-6	ppb	39		30		31		32		23		35		35		280		360	
4,4'-DDD	72-54-8	ppb	970		1100		1200		1400		790		1100		920		540		590	
4,4'-DDE	72-55-9	ppb	1900		2400		3100		2700		980		1200		1500		370		470	
4,4'-DDT	50-29-3	ppb	140		1300		580		2000		540		160		570		480		420	
Aldrin	309-00-2	ppb	4.7	U	44	U	5.8	U	69	U	45	U	7.8	U	47	U	87	U	88	U
Alpha-BHC	319-84-6	ppb	5.4	U	6.6		5.6		4.5		45	U	3.5	U	47	U	87	U	88	U
Alpha-Chlordane	5103-71-9	ppb	690		1100		1100		1200		780		730		830		330		320	
Aroclor-1016	12674-11-2	ppb	180	U	150	U	140	U	120	U	150	U	160	U	160	U				
Aroclor-1221	11104-28-2	ppb	180	U	150	U	140	U	120	U	150	U	160	U	160	U				
Aroclor-1232	11141-16-5	ppb	180	U	150	U	140	U	120	U	150	U	160	U	160	U				
Aroclor-1242	53469-21-9	ppb	6400		9600		20000		17000		3700		4300		5900					
Aroclor-1248	12672-29-6	ppb	180	U	150	U	140	U	120	U	150	U	160	U	160	U				
Aroclor-1254	11097-69-1	ppb	6900		8000		11000		8800		3300		6400		7000					
Aroclor-1260	11096-82-5	ppb	2800		4200		4300		3700		1900		3300		3300					
Aroclor-1262	37324-23-5	ppb	180	U	150	U	140	U	120	U	150	U	160	U	160	U				
Aroclor-1268	11100-14-4	ppb	180	U	150	U	140	U	120	U	150	U	160	U	160	U				
Beta-BHC	319-85-7	ppb	4.1		6.6		4.1		3.5		2		5		3		44		88	U
Delta-BHC	319-86-8	ppb	2	U	44	U	2.2	U	100	U	45	U	2.1	U	47	U	87	U	88	U
Dieldrin	60-57-1	ppb	88		98		300		270		31		59		45		87	U	88	U
Endosulfan I	959-98-8	ppb	6.7	U	44	U	6.8	U	95		45	U	3.8	U	47	U	87	U	88	U
Endosulfan II	33213-65-9	ppb	7.5	U	160		6.3	U	160	U	45	U	6.8	U	47	U	87	U	88	U
Endosulfan Sulfate	1031-07-8	ppb	1.1	U	44	U	0.96	U	76	U	45	U	0.85	U	47	U	87	U	88	U
Endrin	72-20-8	ppb	3.4	U	590	U	3	U	1100	U	280	U	2.4	U	300	U	87	U	88	U
Endrin Aldehyde	7421-93-4	ppb	4.1	U	82	U	7	U	110	U	45	U	2.9	U	47	U	87	U	88	U
Endrin Ketone	53494-70-5	ppb	3.9	U	450	U	4	U	580	U	220	U	2.9	U	3.1		87	U	88	U
Gamma-BHC (Lindane)	58-89-9	ppb	6	U	75		5	U	140	U	45	U	4.5	U	38		87	U	88	U
Gamma-Chlordane	5566-34-7	ppb	540		1000		1100		1300		740		690		730		400		430	
Heptachlor	76-44-8	ppb	3.4	U	44	U	13		68	U	45	U	3.8	U	47	U	87	U	88	U
Heptachlor Epoxide	1024-57-3	ppb	3.9		280		3.8		530		100		4.5		120		85		120	
Hexachlorobenzene	118-74-1	ppb	71		75		170		99		34		55		66		87	U	88	U
Methoxychlor	72-43-5	ppb	13		28		33		47		15		55		13		110	U	160	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	1200		2100		2200		2600		1500		1400		1600		730		750	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	16000		23000		35000		30000		8800		14000		16000					
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	3600		4500		5800		5000		2300		2900		3100		2100		2300	
Total DDT (2,4)	TDDT-24	ppb	730		730		960		820		420		540		570		630		880	
Total DDT (4,4)	TDDT-44	ppb	3000		3700		5000		4700		1900		2400		2600		1400		1400	
Toxaphene	8001-35-2	ppb	150	U	9300	U	130	U	26000	U	5300	U	95	U	9900	U	11000	U	14000	U

Table B-7
TOC-Normalized Pesticides

			Location ID	2008 CLRC-016		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017	
			Sample Name	08A-016-C2_(3.5-5.5)_N		08A-017-C1_(11.5-13.5)_N		08A-017-C1_(13.5-15.5)_N		08A-017-C1_(15.5-17.5)_N		08A-017-C1_(17.5-19.5)_N		08A-017-C1_(19.5-21.7)_N		08A-017-C1_(21.7-23.5)_N		08A-017-C1_(3.5-5.5)_N		08A-017-C1_(5.5-7.5)_N	
			Date Collected	12/1/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008	
			Depth	3.5-5.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.7		21.7-23.5		3.5-5.5		5.5-7.5	
			Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
			HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb		190		920		760		1.9		69	U	4.1	U	5.7		94		340	
2,4'-DDE	3424-82-6	ppb		120	U	2200		990		3.3	U	69	U	5.2	U	9.9		78		560	
2,4'-DDT	789-02-6	ppb		220		99		670		3.6	U	69	U	6.2	U	0.68		4.6		450	
4,4'-DDD	72-54-8	ppb		350		2200		1200		5.9		69	U	5.6	U	15		230		810	
4,4'-DDE	72-55-9	ppb		280		7300		4100		22		6.4		9	U	39		430		2700	
4,4'-DDT	50-29-3	ppb		290		110		640		8.5	U	69	U	13	U	160	U	32		450	
Aldrin	309-00-2	ppb		75	U	6.6		4.2		0.85	U	69	U	1.4	U	160	U	1		4.1	
Alpha-BHC	319-84-6	ppb		75	U	9		5.3		2.5	U	69	U	12		9.9		3.4		61	U
Alpha-Chlordane	5103-71-9	ppb		170		340		480		3	U	69	U	4.3	U	3.7		100		360	
Aroclor-1016	12674-11-2	ppb				150	U	150	U	52	U	39	U	28	U	75	U	210	U	200	U
Aroclor-1221	11104-28-2	ppb				150	U	150	U	52	U	39	U	28	U	75	U	210	U	200	U
Aroclor-1232	11141-16-5	ppb				150	U	150	U	52	U	39	U	28	U	75	U	210	U	200	U
Aroclor-1242	53469-21-9	ppb				19000		21000		52	U	39	U	28	U	75	U	6200		8800	
Aroclor-1248	12672-29-6	ppb				150	U	150	U	52	U	39	U	28	U	75	U	210	U	200	U
Aroclor-1254	11097-69-1	ppb				14000		16000		52	U	39	U	28	U	75	U	7800		8100	
Aroclor-1260	11096-82-5	ppb				5100		6500		52	U	39	U	28	U	75	U	3400		3200	
Aroclor-1262	37324-23-5	ppb				150	U	150	U	52	U	39	U	28	U	75	U	210	U	200	U
Aroclor-1268	11100-14-4	ppb				150	U	150	U	52	U	39	U	28	U	75	U	210	U	200	U
Beta-BHC	319-85-7	ppb		75	U	7.7		3.2		1	U	69	U	2.3	U	160	U	1.6		43	
Delta-BHC	319-86-8	ppb		75	U	2.2		46	U	2	U	69	U	2.3	U	160	U	0.46		61	U
Dieldrin	60-57-1	ppb		20		370		320		8.5	U	69	U	5.6	U	1.9		10		99	
Endosulfan I	959-98-8	ppb		75	U	8.5	U	46	U	9.5	U	22		7.5	U	160	U	1.4	U	32	
Endosulfan II	33213-65-9	ppb		75	U	11	U	69	U	12	U	69	U	21	U	160	U	1.2	U	61	U
Endosulfan Sulfate	1031-07-8	ppb		75	U	1.4	U	46	U	1.6	U	69	U	2.8	U	160	U	0.15	U	61	U
Endrin	72-20-8	ppb		75	U	2.9	U	69		2.3	U	69	U	6.7	U	160	U	0.37	U	61	U
Endrin Aldehyde	7421-93-4	ppb		75	U	5.3	U	46	U	4.6	U	69	U	12	U	160	U	0.32	U	61	U
Endrin Ketone	53494-70-5	ppb		75	U	7.2	U	160		8.2	U	69	U	15	U	160	U	1.2	U	86	U
Gamma-BHC (Lindane)	58-89-9	ppb		75	U	3.9		2.7		2.7	U	69	U	2.5	U	160	U	1.1		5	
Gamma-Chlordane	5566-34-7	ppb		240		530		640		4.6	U	69	U	3.6	U	4.7		110		380	
Heptachlor	76-44-8	ppb		75	U	0.87		0.74		0.43	U	0.86		1.3	U	160	U	0.55		1.8	
Heptachlor Epoxide	1024-57-3	ppb		120		0.55	U	350		0.66	U	69	U	0.85	U	160	U	0.87		170	
Hexachlorobenzene	118-74-1	ppb		42		460		270		30	U	69	U	23	U	160	U	16		100	
Methoxychlor	72-43-5	ppb		87	U	22		92		27		42		110		2.9		3.2	U	7.2	
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb		410		870		1100		4.6	U	69	U	4.3	U	8.7		210		740	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb				37000		44000		52	U	39	U	28	U	75	U	17000		20000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb		1300		13000		7100		30		6.4		13	U	68		870		4500	
Total DDT (2,4)	TDDT-24	ppb		410		3200		1900		1.9		69	U	6.2	U	16		180		950	
Total DDT (4,4)	TDDT-44	ppb		930		9700		5500		28		6.4		13	U	54		690		3600	
Toxaphene	8001-35-2	ppb		9200	U	190	U	16000	U	270	U	6900	U	130	U	16000	U	22	U	13000	U

		Location ID	2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018	
		Sample Name	08A-017-C1_(7.5-9.5)_N		08A-017-C1_(9.5-11.5)_N		08A-017-C3_(0.5-1.5)_N		08A-017-C3_(0-0.5)_N		08A-017-C3_(1.5-2.5)_N		08A-017-C3_(2.5-3.5)_N		08A-018-C1_(1.5-2.5)_N		08A-018-C1_(11.5-13.5)_N		08A-018-C1_(3.5-5.5)_N	
		Date Collected	12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		11/10/2008		11/10/2008		11/10/2008	
		Depth	7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		1.5-2.5		2.5-3.5		1.5-2.5		11.5-13.5		3.5-5.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	350		1000		240		190		290		100		390		0.23	U	3800	
2,4'-DDE	3424-82-6	ppb	450		1800		190	U	91		360		100	U	170		0.23	U	1300	
2,4'-DDT	789-02-6	ppb	6.2	U	1500		350		11		23		190		54		0.26	U	740	
4,4'-DDD	72-54-8	ppb	800		1800		350		500		750		140		1100		1		8900	
4,4'-DDE	72-55-9	ppb	2300		7200		460		590		1900		220		1200		1.3	U	11000	
4,4'-DDT	50-29-3	ppb	120		730		290	U	50		65		130	U	150		1	U	580	
Aldrin	309-00-2	ppb	3.3		4.3		69	U	1.7		3.1		65	U	2.4		0.12		13	
Alpha-BHC	319-84-6	ppb	4.3	U	7.9		69	U	5.8		9.2		65	U	3	U	0.093	U	11	
Alpha-Chlordane	5103-71-9	ppb	390		390		97		380		360		65	U	540		0.13	U	1200	
Aroclor-1016	12674-11-2	ppb	190	U	160	U			200	U					220	U	70	U	3300	U
Aroclor-1221	11104-28-2	ppb	190	U	160	U			200	U					220	U	70	U	3300	U
Aroclor-1232	11141-16-5	ppb	190	U	160	U			200	U					220	U	70	U	3300	U
Aroclor-1242	53469-21-9	ppb	11000		18000				3200						19000		30		290000	
Aroclor-1248	12672-29-6	ppb	190	U	160	U			200	U					220	U	70	U	3300	U
Aroclor-1254	11097-69-1	ppb	11000		14000				4500						14000		31		220000	
Aroclor-1260	11096-82-5	ppb	4300		5000				2400						7600		70	U	99000	
Aroclor-1262	37324-23-5	ppb	190	U	160	U			200	U					220	U	70	U	3300	U
Aroclor-1268	11100-14-4	ppb	190	U	160	U			200	U					220	U	70	U	3300	U
Beta-BHC	319-85-7	ppb	2.9		6.1		49		2.4		3.1		65	U	6.3		0.14	U	16	
Delta-BHC	319-86-8	ppb	1.5	U	4.1		16		0.69	U	2.7	U	65	U	0.57	U	0.32	U	7.2	
Dieldrin	60-57-1	ppb	80		270		69	U	58		46		65	U	19		0.8	U	870	
Endosulfan I	959-98-8	ppb	5.2	U	48	U	69	U	1.7	U	6.8	U	65	U	4.6	U	0.93	U	2.9	U
Endosulfan II	33213-65-9	ppb	10	U	63	U	69	U	2.8		6.3	U	65	U	4.6	U	0.44		10	U
Endosulfan Sulfate	1031-07-8	ppb	1.7	U	48	U	69	U	0.31	U	0.94	U	65	U	0.46	U	0.034	U	1.6	U
Endrin	72-20-8	ppb	1.5	U	81		69	U	0.5	U	1.7	U	65	U	2	U	0.22	U	1.9	U
Endrin Aldehyde	7421-93-4	ppb	3.9	U	48	U	69	U	1.2	U	3.1	U	65	U	1.7	U	0.32	U	5	U
Endrin Ketone	53494-70-5	ppb	8.9	U	140	U	82	U	1.2	U	2.7	U	65	U	0.83	U	0.14	U	3.6	U
Gamma-BHC (Lindane)	58-89-9	ppb	2.9	U	5		21		0.26		3.4	U	11		1.7	U	0.52	U	4.1	U
Gamma-Chlordane	5566-34-7	ppb	370		520		170		350		390		65	U	570		1.1	U	2200	
Heptachlor	76-44-8	ppb	2.5		1.4		69	U	0.96		2.7		65	U	2.6		0.051	U	1	
Heptachlor Epoxide	1024-57-3	ppb	2.5		340		160		8.5		2.2		65		3.7		0.051	U	1.1	
Hexachlorobenzene	118-74-1	ppb	82		250		86	U	48		77		65	U	43		0.41	U	960	
Methoxychlor	72-43-5	ppb	14		86		88	U	3.7	U	2.9		65	U	12	U	0.61	U	29	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	760		910		270		730		750		65	U	1100		1.1	U	3400	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	25000		38000				10000						41000		60		620000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	3900		12000		1400		1400		3400		650		3000		1		26000	
Total DDT (2,4)	TDDT-24	ppb	800		3400		600		290		680		290		610		0.26	U	5800	
Total DDT (4,4)	TDDT-44	ppb	3300		9100		820		1100		2700		360		2600		1		21000	
Toxaphene	8001-35-2	ppb	170	U	16000	U	13000	U	68	U	150	U	6500	U	72	U	20	U	170	U

		Location ID	2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019	
		Sample Name	08A-018-C1_(5.5-7.5)_N		08A-018-C1_(7.5-9.5)_N		08A-018-C1_(9.5-11.5)_N		08A-018-C2_(0.5-1.5)_N		08A-018-C2_(2.5-3.5)_N		08A-019-C1_(0.5-1.5)_N		08A-019-C1_(1.5-2.5)_N		08A-019-C1_(2.5-3.5)_N		08A-019-C1_(3.5-5.27)_N	
		Date Collected	11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		9/24/2008		9/24/2008		9/24/2008		9/24/2008	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		2.5-3.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.3	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	970		7.6		68	U	230		1500	U	300		64	U	340	U	350	
2,4'-DDE	3424-82-6	ppb	120		1.1	U	68	U	140	U	46	U	81	U	190	U	220	U	280	
2,4'-DDT	789-02-6	ppb	430		1.5		68	U	310		920		52	U	79	U	120	U	24	
4,4'-DDD	72-54-8	ppb	1500		17		68	U	350		280		890		260		300		840	
4,4'-DDE	72-55-9	ppb	1400		19	U	68	U	370		2100		360		730		1100		4600	
4,4'-DDT	50-29-3	ppb	43		6.5	U	68	U	350		1600	U	280		580		810		1200	
Aldrin	309-00-2	ppb	6.1	U	0.49	U	68	U	49	U	82	U	41	U	64	U	54	U	130	U
Alpha-BHC	319-84-6	ppb	6.1	U	0.54	U	68	U	49	U	89	U	41	U	64	U	54	U	4.4	
Alpha-Chlordane	5103-71-9	ppb	180		3.7	U	68	U	270		340	U	110		120		180		1200	
Aroclor-1016	12674-11-2	ppb	130	U	34	U	27	U											410	U
Aroclor-1221	11104-28-2	ppb	130	U	34	U	27	U											410	U
Aroclor-1232	11141-16-5	ppb	130	U	34	U	27	U											410	U
Aroclor-1242	53469-21-9	ppb	130	U	34	U	27	U											18000	
Aroclor-1248	12672-29-6	ppb	130	U	34	U	27	U											410	U
Aroclor-1254	11097-69-1	ppb	11000		810		27	U											7800	
Aroclor-1260	11096-82-5	ppb	130	U	810		27	U											4400	
Aroclor-1262	37324-23-5	ppb	130	U	34	U	27	U											410	U
Aroclor-1268	11100-14-4	ppb	130	U	34	U	27	U											410	U
Beta-BHC	319-85-7	ppb	1.1		0.7	U	68	U	49	U	46	U	41	U	100		150		280	
Delta-BHC	319-86-8	ppb	14	U	3.8	U	68	U	49	U	530	U	41	U	110		82		110	U
Dieldrin	60-57-1	ppb	65	U	4.8	U	68	U	49	U	1600		230	U	430	U	860	U	210	
Endosulfan I	959-98-8	ppb	65	U	3.8	U	68	U	49	U	91		41	U	64	U	54	U	100	
Endosulfan II	33213-65-9	ppb	14	U	5.9	U	68	U	49	U	91	U	41	U	64	U	99		89	U
Endosulfan Sulfate	1031-07-8	ppb	6.1	U	0.7	U	68	U	49	U	46	U	41	U	64	U	54	U	43	U
Endrin	72-20-8	ppb	40		2.4	U	68	U	37		150		150	U	64	U	54	U	89	U
Endrin Aldehyde	7421-93-4	ppb	61	U	2	U	68	U	49	U	46	U	8.3	U	13	U	22	U	43	U
Endrin Ketone	53494-70-5	ppb	47	U	0.86	U	68	U	80	U	1300	U	41	U	71	U	93	U	120	U
Gamma-BHC (Lindane)	58-89-9	ppb	10	U	2.4	U	68	U	68	U	52	U	41	U	64	U	61		92	U
Gamma-Chlordane	5566-34-7	ppb	430		7.6	U	68	U	410		690		210		140		290		1100	
Heptachlor	76-44-8	ppb	6.1	U	0.28	U	68	U	49	U	46	U	41	U	64	U	54	U	43	U
Heptachlor Epoxide	1024-57-3	ppb	83	U	0.28	U	68	U	49	U	910	U	57		130		180		310	
Hexachlorobenzene	118-74-1	ppb	47		7.6	U	68	U	25		75		49		110	U	150		340	
Methoxychlor	72-43-5	ppb	40	U	16	U	68	U	140	U	800	U	41	U	73	U	88	U	280	
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	540		7.6	U	68	U	680		690		320		280		470		2200	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	11000		1600		27	U											30000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	4000		26		68	U	1600		3400		1800		1600		2200		6200	
Total DDT (2,4)	TDDT-24	ppb	1100		9.2		68	U	550		920		300		190	U	340	U	660	
Total DDT (4,4)	TDDT-44	ppb	3000		17		68	U	1100		2500		1500		1600		2200		5500	
Toxaphene	8001-35-2	ppb	15000	U	150	U	6800	U	11000	U	4600	U	4100	U	7700	U	12000	U	24000	U

		Location ID	2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020	
		Sample Name	08A-019-D1_(0.07-0.16)_N		08A-019-D1_(0.16-0.33)_N		08A-019-D1_(0.33-0.98)_N		08A-019-D1_(0.98-1.97)_N		08A-019-D1_(0-0.07)_N		08A-020-C2_(1.5-2.5)_N		08A-020-C2_(3.5-5.5)_N		08A-020-C2_(5.5-7.5)_N		08A-020-C2_(5.5-7.5)_N	
		Date Collected	12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		11/4/2008		11/4/2008		11/4/2008		11/4/2008	
		Depth	0.1-0.2		0.2-0.3		0.3-1.0		1.0-2.0		0.0-0.1		1.5-2.5		3.5-5.5		5.5-7.5		5.5-7.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	470		440		180		140		610		570		1100				2800	
2,4'-DDE	3424-82-6	ppb	100		71		67		140		120		610		630				3200	
2,4'-DDT	789-02-6	ppb	20		15		23		98		20		730		1100				48	
4,4'-DDD	72-54-8	ppb	1100		710		400		1100		1000		1300		1300				5500	
4,4'-DDE	72-55-9	ppb	650		480		500		1100		690		13000		3300				9800	
4,4'-DDT	50-29-3	ppb	270		130		1300		4500		150		940		1200				1000	
Aldrin	309-00-2	ppb	4.8		0.32	U	0.28	U	1.4		5				12				30	U
Alpha-BHC	319-84-6	ppb	2.6	U	1.1		0.99		1.9		3.6	U	5.9		9.9				18	
Alpha-Chlordane	5103-71-9	ppb	360		580		370		370		400		840		270				21	
Aroclor-1016	12674-11-2	ppb																	49	U
Aroclor-1221	11104-28-2	ppb																	49	U
Aroclor-1232	11141-16-5	ppb																	49	U
Aroclor-1242	53469-21-9	ppb																	6100	
Aroclor-1248	12672-29-6	ppb																	49	U
Aroclor-1254	11097-69-1	ppb																	7200	
Aroclor-1260	11096-82-5	ppb																	9000	
Aroclor-1262	37324-23-5	ppb																	49	U
Aroclor-1268	11100-14-4	ppb																	49	U
Beta-BHC	319-85-7	ppb	15		5.7		2.8		1.3		7.7		6.3		6.4				11	
Delta-BHC	319-86-8	ppb	2		0.77		0.8		0.57		0.54	U			2.7		8.6			
Dieldrin	60-57-1	ppb	93		140		54		45		100		230		710				9.6	
Endosulfan I	959-98-8	ppb	2.1	U	2.4	U	2.3	U	3.1	U	2.6	U			110				10	
Endosulfan II	33213-65-9	ppb	14		83		5.7		6.3	U	13				64	U			30	U
Endosulfan Sulfate	1031-07-8	ppb	3.2		3.5		0.49	U	0.86	U	4.1				46	U			30	U
Endrin	72-20-8	ppb	1.2	U	0.77	U	1.1	U	2	U	1.3	U	96		46	U			30	U
Endrin Aldehyde	7421-93-4	ppb	1.1	U	1.1	U	1.7	U	2	U	2.9	U			87	U			30	U
Endrin Ketone	53494-70-5	ppb	1.4	U	0.41	U	1.2	U	1.8	U	6.6	U			150	U			39	
Gamma-BHC (Lindane)	58-89-9	ppb	2.4	U	0.71		0.69		1		0.98	U			58				30	U
Gamma-Chlordane	5566-34-7	ppb	350		770		340		330		340		860		560				74	
Heptachlor	76-44-8	ppb	2.7		170		1.5		0.49		1.7		2.3		0.55				30	U
Heptachlor Epoxide	1024-57-3	ppb	20		46		11		0.96		17		340		820				50	
Hexachlorobenzene	118-74-1	ppb	84		83		46		49		130		250		1000				230	
Methoxychlor	72-43-5	ppb	15		6		31		14		15		67		87				34	
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	710		1400		700		690		740		1700		830				97	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb																	23000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	2600		1800		2400		7100		2600		16000		6200				22000	
Total DDT (2,4)	TDDT-24	ppb	590		530		280		390		750		1200		2300				6000	
Total DDT (4,4)	TDDT-44	ppb	2000		1300		2100		6700		1800		14000		5100				16000	
Toxaphene	8001-35-2	ppb	53	U	19	U	15	U	24	U	21	U			23000	U			8300	U

Table B-7
TOC-Normalized Pesticides

		Location ID	2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021	
		Sample Name	08A-020-C2_(7.5-9.5)_N		08A-020-C2_(9.5-11.5)_N		08A-020-C3_(0.5-1.5)_N		08A-020-C3_(0-0.5)_N		08A-020-C3_(2.5-3.5)_N		08A-021-C1_(0.5-1.5)_N		08A-021-C1_(1.5-2.5)_N		08A-021-C1_(3.5-5.5)_N		08A-021-C1_(5.5-7.5)_N	
		Date Collected	11/4/2008		11/4/2008		11/4/2008		11/4/2008		11/4/2008		11/6/2008		11/6/2008		11/6/2008		11/6/2008	
		Depth	7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		2.5-3.5		0.5-1.5		1.5-2.5		3.5-5.5		5.5-7.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		Y	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	19		5.9		140		100		590	U	240		540		1100		5400	
2,4'-DDE	3424-82-6	ppb	29		11		81	U	43		270	U	370		380		3400		12000	
2,4'-DDT	789-02-6	ppb	92		73	U	210		6.7		1600		16		33		45		170	
4,4'-DDD	72-54-8	ppb	50		59		220		300		740		570		1700		2700		14000	
4,4'-DDE	72-55-9	ppb	96		32		290		260		750		4400		3300		13000		36000	
4,4'-DDT	50-29-3	ppb	98		11		1000		85		2000		63		540		140		1200	
Aldrin	309-00-2	ppb	48	U	73	U	71	U	1.2		50	U	1.7		7.2		6		1.6	
Alpha-BHC	319-84-6	ppb	48	U	73	U	71	U	0.59		47	U	1.9		4.9		22		32	
Alpha-Chlordane	5103-71-9	ppb	4.2		3.8		71	U	140		81	U	390		900		220		150	
Aroclor-1016	12674-11-2	ppb	81	U	22	U					380	U	140	U	220	U	920	U	150	U
Aroclor-1221	11104-28-2	ppb	81	U	22	U					380	U	140	U	220	U	920	U	150	U
Aroclor-1232	11141-16-5	ppb	81	U	22	U					380	U	140	U	220	U	920	U	150	U
Aroclor-1242	53469-21-9	ppb	81	U	22	U					52000		12000		44000		130000		18000	
Aroclor-1248	12672-29-6	ppb	81	U	22	U					380	U	140	U	220	U	920	U	150	U
Aroclor-1254	11097-69-1	ppb	1100		22	U					25000		5600		19000		49000		15000	
Aroclor-1260	11096-82-5	ppb	2300		22	U					15000		3500		10000		20000		7600	
Aroclor-1262	37324-23-5	ppb	81	U	22	U					380	U	140	U	220	U	920	U	150	U
Aroclor-1268	11100-14-4	ppb	81	U	22	U					380	U	140	U	220	U	920	U	150	U
Beta-BHC	319-85-7	ppb	0.56		73	U	71	U	1.2		47	U	2		3.1		13		43	
Delta-BHC	319-86-8	ppb	48	U	73	U	71	U	0.18		47	U	0.87	U	0.82	U	6.1		16	
Dieldrin	60-57-1	ppb	48	U	73	U	51		26		170	U	46		360		810		310	
Endosulfan I	959-98-8	ppb	48	U	73	U	71	U	0.5	U	55	U	2	U	6.9	U	2	U	6.2	U
Endosulfan II	33213-65-9	ppb	48	U	73	U	71	U	4.6		130	U	4.4	U	5.9	U	7	U	8	U
Endosulfan Sulfate	1031-07-8	ppb	16		79		71	U	0.43		47	U	0.63	U	0.79	U	0.92	U	0.92	U
Endrin	72-20-8	ppb	83	U	73	U	71	U	0.19	U	120		2.8	U	4.4	U	12	U	4.1	U
Endrin Aldehyde	7421-93-4	ppb	48	U	94		71	U	0.21	U	91	U	1.4	U	2.6	U	5.8	U	4.7	U
Endrin Ketone	53494-70-5	ppb	120		73	U	71	U	0.15	U	170	U	1.2	U	1.9	U	2.5	U	20	
Gamma-BHC (Lindane)	58-89-9	ppb	48	U	73	U	71	U	0.35	U	77		2.6	U	3.6	U	4.3	U	8.5	
Gamma-Chlordane	5566-34-7	ppb	48	U	73	U	95		140		450		350		1200		560		420	
Heptachlor	76-44-8	ppb	48	U	73	U	71	U	0.63		47	U	0.83	U	2.1		0.38	U	0.41	U
Heptachlor Epoxide	1024-57-3	ppb	48	U	73	U	110		4.1		330		3.7		3.1		0.31	U	0.48	
Hexachlorobenzene	118-74-1	ppb	29		56		31		190		74		100		110		2200		2600	
Methoxychlor	72-43-5	ppb	48	U	150	U	71	U	3.7	U	140		28	U	24	U	31	U	60	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	4.2		3.8		95		280		450		740		2100		780		580	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	3500		22	U					92000		20000		72000		200000		41000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	250		73		1900		800		5200		5700		6400		20000		68000	
Total DDT (2,4)	TDDT-24	ppb	92		16		350		150		1600		630		950		4700		18000	
Total DDT (4,4)	TDDT-44	ppb	190		59		1500		650		3600		5000		5600		16000		51000	
Toxaphene	8001-35-2	ppb	4800	U	7300	U	7200	U	43	U	27000	U	370	U	690	U	850	U	430	U

		Location ID	2008 CLRC-021		2008 CLRC-021		AK001		AK001		AK001		AK001		AK001		AK02SED087		AK02SED087	
		Sample Name	08A-021-C1_(7.5-9.5)_N		08A-021-C1_(9.5-11.4)_N		6JMS00001		6JMS00002		6JMS00003		6JMS00004		6JMS00005		AK02SED087C-01		AK02SED087C-02	
		Date Collected	11/6/2008		11/6/2008		9/22/1998		9/22/1998		9/22/1998		9/22/1998		9/22/1998		11/27/2007		11/27/2007	
		Depth	7.5-9.5		9.5-11.4		0.0-1.6		1.6-2.0		2.0-3.3		3.3-4.3		4.3-6.2		0.0-0.5		0.5-1.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	9800		3900		3200		1500		4500		1800		5300		1200		1100	
2,4'-DDE	3424-82-6	ppb	6500		4200		10000		20000		33000		16000		13000		1400		1800	
2,4'-DDT	789-02-6	ppb	90		21		0.048	U	250		0.051	U	0.061	U	0.036	U	250		100	
4,4'-DDD	72-54-8	ppb	19000		9400		6200		8000		15000		6100		8800		6600		6500	
4,4'-DDE	72-55-9	ppb	23000		11000		15000		28000		55000		33000		27000		3600		4900	
4,4'-DDT	50-29-3	ppb	12000		370		120		12000		4700		720		1500		46000		38000	
Aldrin	309-00-2	ppb	0.51	U	0.81	U	0.8		0.28		0.051	U	0.061	U	0.036	U	240	U	110	
Alpha-BHC	319-84-6	ppb	12		3.7		25		33		41		0.78		1.7		240	U	210	U
Alpha-Chlordane	5103-71-9	ppb	40		8.6		380		30		11		0.061	U	0.036	U	240	U	210	U
Aroclor-1016	12674-11-2	ppb	140	U	240	U											2400	U	2100	U
Aroclor-1221	11104-28-2	ppb	140	U	240	U											2400	U	2100	U
Aroclor-1232	11141-16-5	ppb	140	U	240	U											2400	U	2100	U
Aroclor-1242	53469-21-9	ppb	4600		240	U											4300		5400	
Aroclor-1248	12672-29-6	ppb	140	U	240	U											2400	U	2100	U
Aroclor-1254	11097-69-1	ppb	6800		3100												7600		7800	
Aroclor-1260	11096-82-5	ppb	4800		3900												3800		3300	
Aroclor-1262	37324-23-5	ppb	140	U	240	U											2400	U	2100	U
Aroclor-1268	11100-14-4	ppb	140	U	240	U											2400	U	2100	U
Beta-BHC	319-85-7	ppb	5.3		1.7		0.048	U	0.052	U	0.051	U	0.061	U	0.036	U	240	U	210	U
Delta-BHC	319-86-8	ppb	8.4		1.1	U											240	U	210	U
Dieldrin	60-57-1	ppb	1.4	U	5.7	U	230		7		51	U	61	U	36	U	480	U	420	U
Endosulfan I	959-98-8	ppb	3	U	6.8	U	48	U	53	U	51	U	61	U	36	U	240	U	210	U
Endosulfan II	33213-65-9	ppb	5.8	U	13	U	48	U	53	U	51	U	61	U	36	U	480	U	74	
Endosulfan Sulfate	1031-07-8	ppb	0.88	U	1.4	U	48	U	53	U	51	U	61	U	36	U	480	U	130	
Endrin	72-20-8	ppb	2.6	U	6.8	U	48	U	53	U	51	U	61	U	36	U	480	U	420	U
Endrin Aldehyde	7421-93-4	ppb	2.5	U	3.7	U	48	U	53	U	51	U	61	U	36	U	480	U	170	
Endrin Ketone	53494-70-5	ppb	5.9	U	6.8	U	48	U	53	U	51	U	61	U	36	U	480	U	420	U
Gamma-BHC (Lindane)	58-89-9	ppb	5.1		1	U	11		13		5.7		0.33		0.34		240	U	210	U
Gamma-Chlordane	5566-34-7	ppb	150		34												240	U	210	U
Heptachlor	76-44-8	ppb	0.2	U	0.47	U	0.048	U	0.052	U	0.051	U	0.061	U	0.036	U	240	U	210	U
Heptachlor Epoxide	1024-57-3	ppb	0.095	U	0.24	U	48	U	53	U	51	U	61	U	36	U	310		210	U
Hexachlorobenzene	118-74-1	ppb	490		19		1300		850		160		22		220					
Methoxychlor	72-43-5	ppb	100		94	U	38		60		11		61	U	36	U	2400	U	1000	
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	190		42												240	U	210	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	16000		7000												16000		17000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	70000		29000		35000		68000		110000		58000		55000		59000		51000	
Total DDT (2,4)	TDDT-24	ppb	16000		8100		13000		21000		37000		17000		19000		2800		2900	
Total DDT (4,4)	TDDT-44	ppb	54000		21000		22000		48000		76000		39000		38000		56000		49000	
Toxaphene	8001-35-2	ppb	430	U	680	U											24000	U	21000	U

		Location ID	AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087	
		Sample Name	AK02SED087C-03		AK02SED087C-04		AK02SED087C-05		AK02SED087C-05		AK02SED087C-06		AK02SED087C-07		AK02SED087C-08		AK02SED087C-09		AK02SED087C-10	
		Date Collected	11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-14.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	570		1100				320		240		400		1300		10000		16000	
2,4'-DDE	3424-82-6	ppb	1200		1600				1200		1200		960		5200		6400		4800	
2,4'-DDT	789-02-6	ppb	200		130				66		150	U	140	U	500		230		84	
4,4'-DDD	72-54-8	ppb	2400		2900				1700		1200		1000		1500		65000		63000	
4,4'-DDE	72-55-9	ppb	2900		3900				2900		3300		2200		3600		23000		14000	
4,4'-DDT	50-29-3	ppb	6200		8400				7700		7100		3200		490		2800		420	
Aldrin	309-00-2	ppb	130		140				110		110		150		2100		250		70	
Alpha-BHC	319-84-6	ppb	26		39				15		29		47		390		580	U	220	U
Alpha-Chlordane	5103-71-9	ppb	98	U	88	U			79	U	75	U	78		170		230		220	U
Aroclor-1016	12674-11-2	ppb	1900	U	1800	U			1600	U	1500	U	1500	U	1300	U	1100	U	890	U
Aroclor-1221	11104-28-2	ppb	1900	U	1800	U			1600	U	1500	U	1500	U	1300	U	1100	U	890	U
Aroclor-1232	11141-16-5	ppb	1900	U	1800	U			1600	U	1500	U	1500	U	1300	U	1100	U	890	U
Aroclor-1242	53469-21-9	ppb	6000		6700				7300		8400		16000		1300	U	1100	U	890	U
Aroclor-1248	12672-29-6	ppb	1900	U	1800	U			1600	U	1500	U	1500	U	1300	U	1100	U	890	U
Aroclor-1254	11097-69-1	ppb	7900		10000				9700		11000		15000		1300	U	1100	U	890	U
Aroclor-1260	11096-82-5	ppb	2900		3700				4100		4400		4500		8500		1100	U	890	
Aroclor-1262	37324-23-5	ppb	1900	U	1800	U			1600	U	1500	U	1500	U	1300	U	1100	U	890	U
Aroclor-1268	11100-14-4	ppb	1900	U	1800	U			1600	U	1500	U	1500	U	1300	U	1100	U	890	U
Beta-BHC	319-85-7	ppb	98	U	88	U			79	U	75	U	120		2500		1500		580	
Delta-BHC	319-86-8	ppb	98	U	88	U			79	U	75	U	74	U			850		310	
Dieldrin	60-57-1	ppb	110		180				160	U	150	U	92		1200		1100	U	95	
Endosulfan I	959-98-8	ppb	98	U	88	U			79	U	75	U	74	U			580	U	2200	U
Endosulfan II	33213-65-9	ppb	200	U	310				160	U	150	U	150	U	630	U	250		440	U
Endosulfan Sulfate	1031-07-8	ppb	200	U	200				240		150	U	150	U	630	U	1100	U	440	U
Endrin	72-20-8	ppb	130		240				160	U	150	U	150	U	780		1100	U	440	U
Endrin Aldehyde	7421-93-4	ppb	200	U	330				160	U	150	U	150	U	130	U	320		440	U
Endrin Ketone	53494-70-5	ppb	84		120				71		150	U	150	U	430		1100	U	250	
Gamma-BHC (Lindane)	58-89-9	ppb	98	U	88	U			79	U	75	U	74	U			5800	U	220	U
Gamma-Chlordane	5566-34-7	ppb	98	U	880	U	820	U			750	U			1800		5800	U	2200	U
Heptachlor	76-44-8	ppb	98	U	65				57		75	U	120		770		390		220	U
Heptachlor Epoxide	1024-57-3	ppb	290		390				390		440		600		3300		580	U	220	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	980	U	1500				280		750	U	740	U	630	U	5800	U	2200	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	98	U	880	U			450	U	750	U	78		2000		230		2200	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	17000		20000				21000		24000		36000		8500		1100	U	890	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	13000		18000				13000		13000		7800		13000		110000		98000	
Total DDT (2,4)	TDDT-24	ppb	1900		2900				1500		1500		1400		7000		17000		20000	
Total DDT (4,4)	TDDT-44	ppb	11000		15000				12000		12000		6500		5700		92000		77000	
Toxaphene	8001-35-2	ppb	9800	U	8800	U			7900	U	7500	U	7400	U	6300	U	58000	U	22000	U

		Location ID	AK999		AK999		AKA07		ARK07		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED083	
		Sample Name	1JMS00115		1JMS00158		1JMS00008		1JMS00151		ER02SED083G-01		ER02SED083G-02		ER02SED083G-03		ER02SED083G-04		ER02SED083G-04	
		Date Collected	6/23/2000		8/30/2000		7/13/1999		8/30/2000		12/3/2007		12/3/2007		12/3/2007		12/3/2007		12/3/2007	
		Depth	0.0-0.3		0.0-0.3		0.0-0.3		0.0-0.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		2.5-3.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	2300		1200		3100		4600		200		310		420				550	
2,4'-DDE	3424-82-6	ppb	950		720		1700		1700				540		440					
2,4'-DDT	789-02-6	ppb	87		18		280		1200		100	U	250		160				110	U
4,4'-DDD	72-54-8	ppb	8100		3500		19000		37000	U	600		810		1300				1600	
4,4'-DDE	72-55-9	ppb	2800		1800		4300		4200		390		1100		1600				1200	
4,4'-DDT	50-29-3	ppb	9100		420		43000		54000		280		590		360				320	
Aldrin	309-00-2	ppb	17		7.6		3.1	U	7.7		51	U	75	U	190				450	
Alpha-BHC	319-84-6	ppb	6.5		3.9		27		39		51	U	75	U	15				9.3	
Alpha-Chlordane	5103-71-9	ppb	330		150		270		200		290		470		310				110	
Aroclor-1016	12674-11-2	ppb									1000	U	1500	U	1400	U			1100	U
Aroclor-1221	11104-28-2	ppb									1000	U	1500	U	1400	U			1100	U
Aroclor-1232	11141-16-5	ppb									1000	U	1500	U	1400	U			1100	U
Aroclor-1242	53469-21-9	ppb									3700		13000		15000				7300	
Aroclor-1248	12672-29-6	ppb									1000	U	1500	U	1400	U			1100	U
Aroclor-1254	11097-69-1	ppb									10000		14000		19000				17000	
Aroclor-1260	11096-82-5	ppb									6100		27000		6900				3900	
Aroclor-1262	37324-23-5	ppb									1000	U	1500	U	1400	U			1100	U
Aroclor-1268	11100-14-4	ppb									1000	U	1500	U	1400	U			1100	U
Beta-BHC	319-85-7	ppb	3.8		2.1		9.9		11		51	U	75	U	69	U			54	U
Delta-BHC	319-86-8	ppb									51	U	75	U	69	U			54	U
Dieldrin	60-57-1	ppb	110		53		150		58		750		590		1300				1400	
Endosulfan I	959-98-8	ppb	16	U	16	U	3.1	U	23	U	51	U	75	U	69	U			54	U
Endosulfan II	33213-65-9	ppb	10	U	16	U	3.1	U	8.9	U	100	U	150	U	140	U			110	U
Endosulfan Sulfate	1031-07-8	ppb	0.48	U	2.5	U	3.1	U	1.2	U	100	U	150	U					180	
Endrin	72-20-8	ppb	10	U	15	U	3.1	U	6.6	U	100	U	150	U	140	U			110	U
Endrin Aldehyde	7421-93-4	ppb	2.6	U	8.5	U	3.1	U	3.1	U	100	U	150	U	140	U			130	
Endrin Ketone	53494-70-5	ppb	3.3	U	8.8	U	3.1	U	4.6	U	100	U	150	U	140	U			110	U
Gamma-BHC (Lindane)	58-89-9	ppb	1.4		0.92		4.9		6.6		51	U	75	U	69	U			54	U
Gamma-Chlordane	5566-34-7	ppb									360		660		570		210			
Heptachlor	76-44-8	ppb	0.71	U	0.55	U	3.1	U	1.4		31		110		130				65	
Heptachlor Epoxide	1024-57-3	ppb	4.6		2.2		9.9		6.6		160		310		300				260	
Hexachlorobenzene	118-74-1	ppb	130		83		460		66											
Methoxychlor	72-43-5	ppb	97	U	46	U	65	U	210	U	510	U	750	U	690	U			540	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb									650		1100		880				210	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb									20000		54000		41000				28000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	23000		7600		71000		66000		1500		3600		4200				3600	
Total DDT (2,4)	TDDT-24	ppb	3300		1900		5200		7300		200		1100		1000				550	
Total DDT (4,4)	TDDT-44	ppb	20000		5800		68000		58000		1300		2500		3100				3000	
Toxaphene	8001-35-2	ppb									5100	U	7500	U	6900	U			5400	U

		Location ID	ER02SED083		ER02SED083		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084	
		Sample Name	ER02SED083G-05		ER02SED083G-06		ER02SED084D-01		ER02SED084D-02		ER02SED084D-03		ER02SED084D-04		ER02SED084D-05		ER02SED084D-06		ER02SED084D-07	
		Date Collected	12/3/2007		12/3/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007	
		Depth	3.5-5.5		5.5-7.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	97		970	U	94		390		170		480		580		760		260	U
2,4'-DDE	3424-82-6	ppb	190	U	970	U	77	U			100				400				260	U
2,4'-DDT	789-02-6	ppb	190	U	970	U	77	U	210		130		310		280		110		260	U
4,4'-DDD	72-54-8	ppb	240		970	U	240		1200		500		1200		1700		1900		260	U
4,4'-DDE	72-55-9	ppb	200		970	U	130		470		260		570		1100		1100		260	U
4,4'-DDT	50-29-3	ppb	190	U	970	U	94		670		190		310		500		360		260	U
Aldrin	309-00-2	ppb	130		490	U	38	U	48	U	25		38		55		70		130	U
Alpha-BHC	319-84-6	ppb	93	U	490	U	38	U	48	U	24	U	19		15		49	U	130	U
Alpha-Chlordane	5103-71-9	ppb	93	U	490	U	180		530		330		760		500		550		130	U
Aroclor-1016	12674-11-2	ppb	1900	U	9700	U	770	U	950	U	480	U	1400	U	1500	U	1000	U	2600	U
Aroclor-1221	11104-28-2	ppb	1900	U	9700	U	770	U	950	U	480	U	1400	U	1500	U	1000	U	2600	U
Aroclor-1232	11141-16-5	ppb	1900	U	9700	U	770	U	950	U	480	U	1400	U	1500	U	1000	U	2600	U
Aroclor-1242	53469-21-9	ppb	1100		9700	U	860		2500		1500		3600		7300		9000		590	
Aroclor-1248	12672-29-6	ppb	1900	U	9700	U	770	U	950	U	480	U	1400	U	1500	U	1000	U	2600	U
Aroclor-1254	11097-69-1	ppb	4200		9700	U	1500		3200		2100		5200		8800		7300		400	
Aroclor-1260	11096-82-5	ppb	690		9700	U	1300		3900		3900		4800		7600		4600		2600	U
Aroclor-1262	37324-23-5	ppb	1900	U	9700	U	770	U	950	U	480	U	1400	U	1500	U	1000	U	2600	U
Aroclor-1268	11100-14-4	ppb	1900	U	9700	U	770	U	950	U	480	U	1400	U	1500	U	1000	U	2600	U
Beta-BHC	319-85-7	ppb	93	U	490	U							67	U			130		130	U
Delta-BHC	319-86-8	ppb	93	U	490	U	38	U	48	U	24	U	69		160		49	U	130	U
Dieldrin	60-57-1	ppb	4200		970	U	78		270		140		290		480		460		260	U
Endosulfan I	959-98-8	ppb	93	U	490	U	38	U	48	U	24	U	67	U	73	U	49	U	130	U
Endosulfan II	33213-65-9	ppb	190	U	970	U	77	U	23		48	U	140	U	140	U	98	U	260	U
Endosulfan Sulfate	1031-07-8	ppb	190	U	970	U	77	U	95	U	48	U	140	U	140	U	220		260	U
Endrin	72-20-8	ppb	190	U	970	U	77	U	95	U	48	U	140	U	140	U	98	U	260	U
Endrin Aldehyde	7421-93-4	ppb	190	U	970	U	77	U	210		48	U	140	U	140	U	140		67	
Endrin Ketone	53494-70-5	ppb	97		970	U	77	U	95	U	48	U	140	U	140	U	110		260	U
Gamma-BHC (Lindane)	58-89-9	ppb	93	U	490	U	130		210		140		67	U	73	U	49	U	130	U
Gamma-Chlordane	5566-34-7	ppb	93	U	490	U	170		530		340		860		710		760		130	U
Heptachlor	76-44-8	ppb	93	U	490	U	38	U	48	U	24	U	67	U	73	U	49	U	130	U
Heptachlor Epoxide	1024-57-3	ppb	93	U	490	U	33		88		43				230		210		130	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	930	U	4900	U	380	U	480	U	240	U	670	U	730	U	480		1300	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	93	U	490	U	350		1100		670		1600		1200		1300		130	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	5900		9700	U	3600		9500		7600		14000		24000		21000		800	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	520		970	U	560		2900		1400		2900		4500		4300		260	U
Total DDT (2,4)	TDDT-24	ppb	97		970	U	94		600		410		780		1300		870		260	U
Total DDT (4,4)	TDDT-44	ppb	450		970	U	470		2300		970		2000		3300		3300		260	U
Toxaphene	8001-35-2	ppb	9300	U	49000	U	3800	U	4800	U	2400	U	6700	U	7300	U	4900	U	13000	U

Table B-7
TOC-Normalized Pesticides

		Location ID	ER02SED084		G0000056		G0000175		G0000177		G0000178		G0000179		G0000180		G0000180		G0000181	
		Sample Name	ER02SED084D-08		LPRP-SCSH-PSR-001597		LPRP-SCSH-PSR-001678		LPRP-SCSH-PSR-001683		LPRP-SCSH-PSR-001685		LPRP-SCSH-PSR-001687		LPRP-SCSH-PSR-001690		LPRP-SCSH-PSR-001691		LPRP-SCSH-PSR-001692	
		Date Collected	11/30/2007		12/11/2007		6/10/2008		6/10/2008		6/10/2008		6/10/2008		6/9/2008		6/9/2008		6/9/2008	
		Depth	9.5-11.5		0.0-0.1		0.0-0.1		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.1	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	1800	U	360		520		240		190		54		140		170		200	
2,4'-DDE	3424-82-6	ppb	1800	U	130		110		130		76		24		79		78		71	
2,4'-DDT	789-02-6	ppb	1800	U	50		140		37		45		8.2		33		29		46	
4,4'-DDD	72-54-8	ppb	1800	U	860		1400		590		530		150		380		410		560	
4,4'-DDE	72-55-9	ppb	1800	U	810		1000		640		580		140		480		460		610	
4,4'-DDT	50-29-3	ppb	1800	U	150		620		95		170		20		200		240		490	
Aldrin	309-00-2	ppb	860	U	12		15		3.4		11		2.4	U	4.4		4		13	
Alpha-BHC	319-84-6	ppb	860	U	2.5		2.2		3.6	U	1.6	U	1.1	U	2.1	U	2	U	2.2	
Alpha-Chlordane	5103-71-9	ppb	860	U	500		780		280		550		100		340		310		500	
Aroclor-1016	12674-11-2	ppb	18000	U																
Aroclor-1221	11104-28-2	ppb	18000	U																
Aroclor-1232	11141-16-5	ppb	18000	U																
Aroclor-1242	53469-21-9	ppb	18000	U																
Aroclor-1248	12672-29-6	ppb	18000	U																
Aroclor-1254	11097-69-1	ppb	18000	U																
Aroclor-1260	11096-82-5	ppb	18000	U																
Aroclor-1262	37324-23-5	ppb	18000	U																
Aroclor-1268	11100-14-4	ppb	18000	U																
Beta-BHC	319-85-7	ppb	860	U	7.5		7.1		3.1		5		1.7	U	6.4		4.4		6.1	
Delta-BHC	319-86-8	ppb	860	U	0.85		0.82	U	0.85		0.72		1.3		1.1		0.75		0.69	U
Dieldrin	60-57-1	ppb	1800	U	120		190		74		140		30		95		82		120	
Endosulfan I	959-98-8	ppb	860	U	6.5	U	6.9	U	6.7	U	4.6	U	8.9	U	5.6	U	4.3	U	4.1	U
Endosulfan II	33213-65-9	ppb	1800	U	9.9	U	19	U	14	U	13	U	17	U	14	U	11	U	12	U
Endosulfan Sulfate	1031-07-8	ppb	1800	U	4		7.6		1.6	U	9.2		3.1	U	5.7		4.2		6.3	
Endrin	72-20-8	ppb	1800	U	0.78		3.2		1		1.8		1.2		1.4		0.75		2	
Endrin Aldehyde	7421-93-4	ppb	1800	U	0.32	U	0.2	U	0.85		0.27		1.2	U	0.36		0.33		0.22	U
Endrin Ketone	53494-70-5	ppb	1800	U	0.58		1.1		0.75		1.1		1.3	U	1.4		0.81		0.74	
Gamma-BHC (Lindane)	58-89-9	ppb	860	U	1.6		1.4		1.6		0.59		1.2	U	0.71		0.75		1.2	
Gamma-Chlordane	5566-34-7	ppb	860	U	470		670		270		490		98		320		310		440	
Heptachlor	76-44-8	ppb	860	U	5.4		7.9		1.8		4.7		1.7	U	2.6		3.1		3.5	
Heptachlor Epoxide	1024-57-3	ppb	860	U	30		60		8.4		43		9.3		27		24		38	
Hexachlorobenzene	118-74-1	ppb			100		85		62		150		22		100		84		57	
Methoxychlor	72-43-5	ppb	8600	U	9.8		33		24		10		4.7		11		15		25	
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	860	U	980		1400		570		1000		200		650		610		930	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	18000	U																
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	1800	U	2500		3800		1700		1600		400		1300		1400		1900	
Total DDT (2,4)	TDDT-24	ppb	1800	U	540		770		390		300		84		270		270		320	
Total DDT (4,4)	TDDT-44	ppb	1800	U	1800		3100		1300		1300		310		1100		1100		1600	
Toxaphene	8001-35-2	ppb	86000	U	150		4.3	U	65	U	38	U	110	U	35	U	34	U	4.3	U

		Location ID	G0000181		G0000183		G0000185		G0000187		G0000188		G0000191		HKA05		HR01SED067		HR01SED067	
		Sample Name	LPRP-SCSH-PSR-001693		LPRP-SCSH-PSR-001697		LPRP-SCSH-PSR-001702		LPRP-SCSH-PSR-001707		LPRP-SCSH-PSR-001709		LPRP-SCSH-PSR-001715		1JMS00003		HR01SED067B-01		HR01SED067B-02	
		Date Collected	6/9/2008		6/9/2008		6/9/2008		6/10/2008		6/10/2008		6/10/2008		7/13/1999		12/1/2005		12/1/2005	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5		0.5-1.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	190		360		260		310		370		400		820					
2,4'-DDE	3424-82-6	ppb	70		190		120		130		170		290		660					
2,4'-DDT	789-02-6	ppb	100		57		39		56		39		25		45					
4,4'-DDD	72-54-8	ppb	530		930		700		840		880		960		2500		320	U	360	U
4,4'-DDE	72-55-9	ppb	580		1000		770		910		810		1100		2900		320	U	360	U
4,4'-DDT	50-29-3	ppb	480		180		140		280		83		81		940		320	U	360	U
Aldrin	309-00-2	ppb	9.4		4.5		6.5		12		4.8		2.3		7.6		160	U	180	U
Alpha-BHC	319-84-6	ppb	1.7	U	3.1		1.8	U	2.6	U	3.6	U	8.6		12		160	U	180	U
Alpha-Chlordane	5103-71-9	ppb	580		610		570		770		320		210		400		160	U	180	U
Aroclor-1016	12674-11-2	ppb															3200	U	3600	U
Aroclor-1221	11104-28-2	ppb															3200	U	3600	U
Aroclor-1232	11141-16-5	ppb															3200	U	3600	U
Aroclor-1242	53469-21-9	ppb															3600		3600	U
Aroclor-1248	12672-29-6	ppb															1300		3600	U
Aroclor-1254	11097-69-1	ppb															670		3600	U
Aroclor-1260	11096-82-5	ppb															630		3600	U
Aroclor-1262	37324-23-5	ppb															3200	U	3600	U
Aroclor-1268	11100-14-4	ppb															3200	U	3600	U
Beta-BHC	319-85-7	ppb	8		7.9		8.4		10		11		15		26		55		180	U
Delta-BHC	319-86-8	ppb	0.68		1.3		0.79		1.3		1.2		2.2				160	U	180	U
Dieldrin	60-57-1	ppb	150		140		130		180		100		86		330		320	U	360	U
Endosulfan I	959-98-8	ppb	4.7	U	6.7	U	3.8	U	5.8	U	10	U	1.1	U	5.1	U	160	U	180	U
Endosulfan II	33213-65-9	ppb	12	U	11	U	9.7	U	12	U	24	U	14	U	5.1	U	320	U	360	U
Endosulfan Sulfate	1031-07-8	ppb	8.3		5.6		3.5		4.9		6.9		2.7		5.1	U	320	U	360	U
Endrin	72-20-8	ppb	1.9		1.7		1.5		1.4		5.2		0.95		5.1	U	320	U	360	U
Endrin Aldehyde	7421-93-4	ppb	0.25		0.35	U	0.23	U	0.32	U	1	U	0.56	U	5.1	U	320	U	360	U
Endrin Ketone	53494-70-5	ppb	1.2		0.79		0.45		0.43	U	1		0.52	U	5.1	U	320	U	360	U
Gamma-BHC (Lindane)	58-89-9	ppb	0.5		1.3		1.3		1.8		2.1		1.7		6.8		160	U	180	U
Gamma-Chlordane	5566-34-7	ppb	520		590		540		690		310		200				160	U	180	U
Heptachlor	76-44-8	ppb	4.7		3.7		3.4		4.3		2.1		0.67		5.1	U	160	U	180	U
Heptachlor Epoxide	1024-57-3	ppb	52		40		34		48		18		14		13		160	U	180	U
Hexachlorobenzene	118-74-1	ppb	59		140		100		110		170		230		480					
Methoxychlor	72-43-5	ppb	12		17		6.9		11		32		10	U	440	U	1600	U	1800	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	1100		1200		1100		1500		610		440				160	U	180	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb															6200		3600	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	2000		2700		2100		2600		2300		2800		7900					
Total DDT (2,4)	TDDT-24	ppb	360		620		420		490		560		710		1500					
Total DDT (4,4)	TDDT-44	ppb	1600		2100		1600		2000		1800		2100		6300		320	U	360	U
Toxaphene	8001-35-2	ppb	50	U	50	U	76	U	40	U	59	U	43	U			16000	U	18000	U

		Location ID	HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED069		HR01SED069		HR02SED103		HRRISED003		HRRISED003	
		Sample Name	HR01SED067B-03		HR01SED067B-04		HR01SED067B-05		HR01SED067B-06		HR01SED069C-01		HR01SED069C-02		HR02SED103E-01		HRRISED003C-01		HRRISED003C-02	
		Date Collected	12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/13/2007		10/25/2006		10/25/2006	
		Depth	1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.0-0.5		0.5-2.0	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		Y	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb													380					
2,4'-DDE	3424-82-6	ppb													610	U				
2,4'-DDT	789-02-6	ppb													610	U				
4,4'-DDD	72-54-8	ppb	350	U	580	U	610	U	540	U			3300	U	650		1800		270	
4,4'-DDE	72-55-9	ppb	19		580	U	610	U	540	U	300		3300	U	810		1500		110	
4,4'-DDT	50-29-3	ppb	350	U	580	U	610	U	540	U			3300	U	190		190	U	310	U
Aldrin	309-00-2	ppb	170	U	300	U	300	U	280	U	920	U	1700	U	300	U	190	U	310	U
Alpha-BHC	319-84-6	ppb	170	U	300	U	300	U	280	U	920	U	1700	U	300	U	74		67	
Alpha-Chlordane	5103-71-9	ppb	170	U	300	U	300	U	280	U	920	U	1700	U	300	U	95		310	U
Aroclor-1016	12674-11-2	ppb	3500	U	5800	U	6100	U	5400	U	18000	U	33000	U	6100	U	3800	U	6000	U
Aroclor-1221	11104-28-2	ppb	3500	U	5800	U	6100	U	5400	U	18000	U	33000	U	6100	U	3800	U	6000	U
Aroclor-1232	11141-16-5	ppb	3500	U	5800	U	6100	U	5400	U	18000	U	33000	U	6100	U	3800	U	6000	U
Aroclor-1242	53469-21-9	ppb	3500	U	5800	U	6100	U	5400	U	18000	U	33000	U	3600		7900		6000	U
Aroclor-1248	12672-29-6	ppb	3500	U	5800	U	6100	U	5400	U	1900		33000	U	6100	U	3800	U	6000	U
Aroclor-1254	11097-69-1	ppb	3500	U	5800	U	6100	U	5400	U	4400		33000	U	4600		3800	U	6000	U
Aroclor-1260	11096-82-5	ppb	3500	U	5800	U	6100	U	5400	U	18000	U	33000	U	2300		3800	U	6000	U
Aroclor-1262	37324-23-5	ppb	3500	U	5800	U	6100	U	5400	U	18000	U	33000	U	6100	U	3800	U	6000	U
Aroclor-1268	11100-14-4	ppb	3500	U	5800	U	6100	U	5400	U	18000	U	33000	U	6100	U	3800	U	6000	U
Beta-BHC	319-85-7	ppb	170	U	300	U	300	U	280	U	920	U	1700	U	300	U	190	U	310	U
Delta-BHC	319-86-8	ppb	170	U	300	U	300	U	280	U	920	U	1700	U	300	U	190	U	310	U
Dieldrin	60-57-1	ppb	350	U	580	U	610	U	540	U	1800	U	3300	U	89		350		42	
Endosulfan I	959-98-8	ppb	170	U	300	U	300	U	280	U	920	U	1700	U	300	U	740		310	U
Endosulfan II	33213-65-9	ppb	350	U	580	U	610	U	540	U	1800	U	3300	U	610	U	190	U	150	
Endosulfan Sulfate	1031-07-8	ppb	350	U	580	U	610	U	540	U	1800	U	3300	U	610	U	190	U	310	U
Endrin	72-20-8	ppb	350	U	580	U	610	U	540	U	1800	U	3300	U	610	U	190	U	62	
Endrin Aldehyde	7421-93-4	ppb	350	U	580	U	610	U	540	U	1800	U	3300	U	160		2100		120	
Endrin Ketone	53494-70-5	ppb	350	U	580	U	610	U	540	U	1800	U	3300	U	610	U	190	U	310	U
Gamma-BHC (Lindane)	58-89-9	ppb	170	U	300	U	300	U	280	U	920	U	1700	U	300	U	190	U	310	U
Gamma-Chlordane	5566-34-7	ppb	170	U	300	U	300	U	280	U	920	U	1700	U	300	U	190	U	310	U
Heptachlor	76-44-8	ppb	170	U	300	U	300	U	280	U	920	U	1700	U	300	U	190	U	310	U
Heptachlor Epoxide	1024-57-3	ppb	170	U	300	U	300	U	280	U	920	U	1700	U	190		190	U	310	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1700	U	3000	U	3000	U	2800	U	9200	U	17000	U	3000	U	380	U	600	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	170	U	300	U	300	U	280	U	920	U	1700	U	300	U	95		310	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	3500	U	5800	U	6100	U	5400	U	6300		33000	U	10000		7900		6000	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb													2000					
Total DDT (2,4)	TDDT-24	ppb													380					
Total DDT (4,4)	TDDT-44	ppb	19		580	U	610	U	540	U	300		3300	U	1600		3300		240	
Toxaphene	8001-35-2	ppb	17000	U	30000	U	30000	U	28000	U	92000	U	170000	U	30000	U	7900	U	12000	U

		Location ID	HRRISED003		HRRISED004		HRRISED004		HRRISED005		HRRISED005		HRRISED005		HRRISED005		HRRISED005		HRRISED005	
		Sample Name	HRRISED003C-03		HRRISED004B-01		HRRISED004B-02		HRRISED005B-01		HRRISED005B-02		HRRISED005B-03		HRRISED005B-04		HRRISED005B-05		HRRISED005B-06	
		Date Collected	10/25/2006		10/25/2006		10/25/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006	
		Depth	2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5		0.5-2.0		2.0-4.0		4.0-6.0		6.0-8.0		8.0-10.0	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	930	U	86		120	U	4300		2200		3800		1100		470		510	
4,4'-DDE	72-55-9	ppb	930	U	130	U	120	U	9200		8500		5600				290		140	
4,4'-DDT	50-29-3	ppb	930	U	130	U	120	U	2700		1200		870	U					82	U
Aldrin	309-00-2	ppb	930	U	130	U	120	U	110	U	670	U	130		63				82	U
Alpha-BHC	319-84-6	ppb	160		20		25		110	U	670	U	870	U					82	U
Alpha-Chlordane	5103-71-9	ppb	930	U	130	U	120	U	590		360		870	U					82	U
Aroclor-1016	12674-11-2	ppb	18000	U	2500	U	2300	U	2100	U	1300	U	1700	U	2400	U	1700	U	1600	U
Aroclor-1221	11104-28-2	ppb	18000	U	2500	U	2300	U	2100	U	1300	U	1700	U	2400	U	1700	U	1600	U
Aroclor-1232	11141-16-5	ppb	18000	U	2500	U	2300	U	2100	U	1300	U	1700	U	2400	U	1700	U	1600	U
Aroclor-1242	53469-21-9	ppb	18000	U	2500	U	2300	U	21000		14000		1700	U	2400	U	1700	U	1600	U
Aroclor-1248	12672-29-6	ppb	18000	U	2500	U	2300	U	2100	U	1300	U	1700	U	2400	U	1700	U	1600	U
Aroclor-1254	11097-69-1	ppb	18000	U	2500	U	2300	U	2100	U	11000		1700	U	2400	U	1700	U	1600	U
Aroclor-1260	11096-82-5	ppb	18000	U	2500	U	2300	U	15000		1300	U	1700	U	2400	U	1700	U	1600	U
Aroclor-1262	37324-23-5	ppb	18000	U	2500	U	2300	U	2100	U	1300	U	1700	U	2400	U	1700	U	1600	U
Aroclor-1268	11100-14-4	ppb	18000	U	2500	U	2300	U	2100	U	1300	U	1700	U	2400	U	1700	U	1600	U
Beta-BHC	319-85-7	ppb	930	U	130	U	120	U	110	U	670	U	870	U					82	U
Delta-BHC	319-86-8	ppb	930	U	130	U	120	U	110	U	670	U	46						82	U
Dieldrin	60-57-1	ppb	930	U	130	U	120	U	1800		560		1700		240		260		160	
Endosulfan I	959-98-8	ppb	930	U	130	U	120	U	1100		670	U	1300				91		20	
Endosulfan II	33213-65-9	ppb	930	U	130	U	120	U	110	U	670	U	870	U					82	U
Endosulfan Sulfate	1031-07-8	ppb	930	U	130	U	120	U	1500		670	U	870	U			710		82	U
Endrin	72-20-8	ppb	930	U	130	U	120	U	3200		1400		640				170		140	
Endrin Aldehyde	7421-93-4	ppb	930	U	130	U	28		2200		1000		1800				500		560	
Endrin Ketone	53494-70-5	ppb	930	U	130	U	120	U	320		270		620		890		710		82	U
Gamma-BHC (Lindane)	58-89-9	ppb	930	U	130	U	120	U	110	U	670	U	870	U	16				82	U
Gamma-Chlordane	5566-34-7	ppb	930	U	130	U	120	U	810		450		870	U					82	U
Heptachlor	76-44-8	ppb	930	U	130	U	120	U	110	U	670	U	51		70				82	U
Heptachlor Epoxide	1024-57-3	ppb	930	U	130	U	120	U	570		330		21		19				82	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1800	U	250	U	230	U	210	U	1300	U	1700	U					160	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	930	U	130	U	120	U	1400		820		870	U	0		0		82	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	18000	U	2500	U	2300	U	35000		25000		1700	U	2400	U	1700	U	1600	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	930	U	86		120	U	16000		12000		9500		1100		760		670	
Toxaphene	8001-35-2	ppb	36000	U	5000	U	4800	U	4300	U	27000	U	33000	U					3300	U

		Location ID	HRRISED005		HRRISED006		HRRISED006		HRRISED006		HRRISED007		HRRISED007		HRRISED008		HRRISED008		HRRISED009	
		Sample Name	HRRISED005B-07		HRRISED006B-01		HRRISED006B-02		HRRISED006B-03		HRRISED007E-01		HRRISED007E-02		HRRISED008B-01		HRRISED008B-02		HRRISED009C-01	
		Date Collected	11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/7/2006		11/7/2006		11/1/2006		11/1/2006		11/7/2006	
		Depth	10.0-12.0		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5		0.5-2.0		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	340		1800		1200		2000		1300		110		33000		6400		330	
4,4'-DDE	72-55-9	ppb	71		440	U	540	U	63	U	1200		120		5000		2600		240	
4,4'-DDT	50-29-3	ppb	170	U	440	U	540	U	63	U	710		150	U	880	U	8400	U	220	U
Aldrin	309-00-2	ppb	130		80		120		130		210	U	150	U	880	U	8400	U	220	U
Alpha-BHC	319-84-6	ppb	160		440	U	540	U	54		78		150	U	130		160		220	U
Alpha-Chlordane	5103-71-9	ppb	170	U	440	U	540	U	63	U	210	U	41		1700		680		220	U
Aroclor-1016	12674-11-2	ppb	3300	U	850	U	1000	U			4100	U	2900	U	18000	U	16000	U	4200	U
Aroclor-1221	11104-28-2	ppb	3300	U	850	U	1000	U			4100	U	2900	U	18000	U	16000	U	4200	U
Aroclor-1232	11141-16-5	ppb	3300	U	850	U	1000	U			4100	U	2900	U	18000	U	16000	U	4200	U
Aroclor-1242	53469-21-9	ppb	3300	U	850	U	1000	U			4100	U	2900	U	42000		52000		4200	U
Aroclor-1248	12672-29-6	ppb	3300	U	850	U	1000	U			7700		2900	U	18000	U	16000	U	4200	U
Aroclor-1254	11097-69-1	ppb	3300	U	850	U	1000	U			4100	U	2900	U	18000	U	16000	U	4200	U
Aroclor-1260	11096-82-5	ppb	3300	U	850	U	1000	U			2200		2900	U	18000	U	16000	U	4200	U
Aroclor-1262	37324-23-5	ppb	3300	U	850	U	1000	U			4100	U	2900	U	18000	U	16000	U	4200	U
Aroclor-1268	11100-14-4	ppb	3300	U	850	U	1000	U			4100	U	2900	U	18000	U	16000	U	4200	U
Beta-BHC	319-85-7	ppb	170	U	440	U	540	U	63	U	210	U	150	U	880	U	8400	U	220	U
Delta-BHC	319-86-8	ppb	170	U	440	U	90		63	U	420		150	U	880	U	8400	U	220	U
Dieldrin	60-57-1	ppb	290		200		150		200		580		150	U	880	U	1200		130	
Endosulfan I	959-98-8	ppb	170	U	440	U	540	U	330		210	U	15		880	U	8400	U	220	U
Endosulfan II	33213-65-9	ppb	170	U	440	U	540	U	63	U	1400		150	U	880	U	8400	U	260	
Endosulfan Sulfate	1031-07-8	ppb	170	U	440	U	540	U	63	U	210	U	150	U	880	U	8400	U	220	U
Endrin	72-20-8	ppb	170	U	440	U	540	U	63	U	210	U	150	U	880	U	4000		220	U
Endrin Aldehyde	7421-93-4	ppb	480		440	U	540	U	1700		1800		110		15000		10000		590	
Endrin Ketone	53494-70-5	ppb	76		440	U	510		63	U	210	U	150	U	880	U	8400	U	220	U
Gamma-BHC (Lindane)	58-89-9	ppb	170	U	440	U	540	U	63	U	210	U	150	U	880	U	180		220	U
Gamma-Chlordane	5566-34-7	ppb	170	U	180		140		63	U	410		38		5000		4800		70	
Heptachlor	76-44-8	ppb	170	U	130		97		100		210	U	150	U	180		440		220	U
Heptachlor Epoxide	1024-57-3	ppb	170	U	64		31		20		240		32		290		440		39	
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	330	U	850	U	1000	U	120	U	410	U	290	U	1800	U	16000	U	420	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	170	U	180		140		63	U	410		78		6700		5600		70	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	3300	U	850	U	1000	U	0		10000		2900	U	42000		52000		4200	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	410		1800		1200		2000		3200		220		38000		9200		570	
Toxaphene	8001-35-2	ppb	6500	U	17000	U	21000	U	2600	U	8200	U	6100	U	35000	U	340000	U	8500	U

		Location ID	HRRISED010		HRRISED010		HRRISED010		HRRISED039		HRRISED040		HRRISED041		HRRISED042		HRRISED043		HRRISED044	
		Sample Name	HRRISED010B-01		HRRISED010B-02		HRRISED010B-03		HRRISED039A-01		HRRISED040A-01		HRRISED041A-01		HRRISED042A-01		HRRISED043A-01		HRRISED044A-01	
		Date Collected	11/3/2006		11/3/2006		11/3/2006		10/24/2006		10/26/2006		10/26/2006		10/24/2006		10/25/2006		10/25/2006	
		Depth	0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	620		600		83	U	500		620		620		2000		2300		1800	
4,4'-DDE	72-55-9	ppb	81	U	69	U	83	U	910		690		1100		1100		1000		230	
4,4'-DDT	50-29-3	ppb	81	U	210		83	U	91	U	130		89	U	860		41	U	120	
Aldrin	309-00-2	ppb	81	U	69	U	78		91	U	100	U	89	U	250	U	41	U	95	U
Alpha-BHC	319-84-6	ppb	81	U	62		80		50		26		89	U	250		33		120	
Alpha-Chlordane	5103-71-9	ppb	81	U	69	U	83	U	300		440		760		720		650		150	
Aroclor-1016	12674-11-2	ppb	1600	U	1400	U	1600	U	1800	U	3800	U	1800	U	4900	U	790	U	1800	U
Aroclor-1221	11104-28-2	ppb	1600	U	1400	U	1600	U	1800	U	3800	U	1800	U	4900	U	790	U	1800	U
Aroclor-1232	11141-16-5	ppb	1600	U	1400	U	1600	U	1800	U	3800	U	1800	U	4900	U	790	U	1800	U
Aroclor-1242	53469-21-9	ppb	1600	U	1400	U	1600	U	14000		49000		180000		16000		55000		4800	
Aroclor-1248	12672-29-6	ppb	1200		1400	U	1600	U	1800	U	3800	U	1800	U	4900	U	790	U	1800	U
Aroclor-1254	11097-69-1	ppb	1600	U	1400	U	1600	U	8900		7900		32000		22000		26000		1800	U
Aroclor-1260	11096-82-5	ppb	1600	U	1400	U	1600	U	7500		3800	U	1800	U	19000		33000		1800	U
Aroclor-1262	37324-23-5	ppb	1600	U	1400	U	1600	U	1800	U	3800	U	1800	U	4900	U	790	U	1800	U
Aroclor-1268	11100-14-4	ppb	1600	U	1400	U	1600	U	1800	U	3800	U	1800	U	4900	U	790	U	1800	U
Beta-BHC	319-85-7	ppb	81	U	69	U	83	U	91	U	100	U	89	U	1000		41	U	1700	
Delta-BHC	319-86-8	ppb	35		69	U	83	U	21		100	U	89	U	250	U	41	U	95	U
Dieldrin	60-57-1	ppb	81	U	69	U	200		270		130		170		470		500		26	
Endosulfan I	959-98-8	ppb	41		18		29		91	U	100	U	89	U	250	U	41	U	95	U
Endosulfan II	33213-65-9	ppb	81	U	69	U	83	U	800		170		810		250	U	1200		45	
Endosulfan Sulfate	1031-07-8	ppb	81	U	69	U	83	U	91	U	100	U	89	U	250	U	41	U	95	U
Endrin	72-20-8	ppb	120		69	U	83	U	150		620		260		420		670		74	
Endrin Aldehyde	7421-93-4	ppb	510		230		83	U	750		330		650		1600		2300		36	
Endrin Ketone	53494-70-5	ppb	81	U	69	U	83	U	220		100	U	89	U	250	U	41	U	95	U
Gamma-BHC (Lindane)	58-89-9	ppb	81	U	69	U	83	U	91	U	100	U	89	U	250	U	41	U	95	U
Gamma-Chlordane	5566-34-7	ppb	160		90		54		480		310		490		340		390		100	
Heptachlor	76-44-8	ppb	43		29		56		91	U	100	U	89	U	250	U	41	U	95	U
Heptachlor Epoxide	1024-57-3	ppb	81	U	69	U	83	U	91	U	100	U	89	U	250	U	41	U	95	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	160	U	140		160	U	180	U	190	U	180	U	490	U	79	U	180	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	160		90		54		770		740		1200		1100		1000		260	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	1200		1400	U	1600	U	30000		56000		220000		57000		110000		4800	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	620		810		83	U	1400		1400		1800		4100		3300		2200	
Toxaphene	8001-35-2	ppb	3200	U	2700	U	3200	U	3600	U	3800	U	3500	U	9900	U	1700	U	3800	U

		Location ID	HRRISED045		HRRISED046		HRRISED047		HRRISED048		HRRISED049		HRRISED050		KK02SED081		KK02SED081		KK02SED081	
		Sample Name	HRRISED045A-01		HRRISED046A-01		HRRISED047A-01		HRRISED048A-01		HRRISED049A-01		HRRISED050A-01		KK02SED081D-01		KK02SED081D-02		KK02SED081D-03	
		Date Collected	10/25/2006		10/25/2006		10/25/2006		11/1/2006		10/31/2006		11/1/2006		11/20/2007		11/20/2007		11/20/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb															210	U	310	U
2,4'-DDE	3424-82-6	ppb													120	U	210	U	310	U
2,4'-DDT	789-02-6	ppb													190		210	U	310	U
4,4'-DDD	72-54-8	ppb	150		1000		780		1200		490		730		560		850		310	U
4,4'-DDE	72-55-9	ppb	270		1100		810		650		860		1100		320		610		310	U
4,4'-DDT	50-29-3	ppb	130		110	U	810		1000		490		110	U	440		530		310	U
Aldrin	309-00-2	ppb	59	U	110	U	88	U	250		110	U	430		61	U	21		160	U
Alpha-BHC	319-84-6	ppb	15		120		88	U	54		52		54		12		18		160	U
Alpha-Chlordane	5103-71-9	ppb	56		500		300		92	U	250		430		290		340		160	U
Aroclor-1016	12674-11-2	ppb	1100	U	2200	U	1700	U	1800	U	2100	U	2100	U	1200	U	2100	U	3100	U
Aroclor-1221	11104-28-2	ppb	1100	U	2200	U	1700	U	1800	U	2100	U	2100	U	1200	U	2100	U	3100	U
Aroclor-1232	11141-16-5	ppb	1100	U	2200	U	1700	U	1800	U	2100	U	2100	U	1200	U	2100	U	3100	U
Aroclor-1242	53469-21-9	ppb	1100	U	11000		11000		1800	U	2100	U	14000		2400		3100		3100	U
Aroclor-1248	12672-29-6	ppb	1700		2200	U	1700	U	1800	U	5900		2100	U	1200	U	2100	U	3100	U
Aroclor-1254	11097-69-1	ppb	1100		8200		9700		1800	U	3900		7000		6100		7300		3100	U
Aroclor-1260	11096-82-5	ppb	1100	U	6500		1700	U	1800	U	2100	U	2100	U	2200		1700		3100	U
Aroclor-1262	37324-23-5	ppb	1100	U	2200	U	1700	U	1800	U	2100	U	2100	U	1200	U	2100	U	3100	U
Aroclor-1268	11100-14-4	ppb	1100	U	2200	U	1700	U	1800	U	2100	U	2100	U	1200	U	2100	U	3100	U
Beta-BHC	319-85-7	ppb	59	U	110	U	88	U	92	U	110	U	110	U	46		49		160	U
Delta-BHC	319-86-8	ppb	59	U	110	U	88	U	27		110	U	110	U	61	U	110	U	160	U
Dieldrin	60-57-1	ppb	44		470		410		270		90		190		150		280		310	U
Endosulfan I	959-98-8	ppb	59	U	110	U	88	U	92	U	110	U	110	U	61	U	110	U	160	U
Endosulfan II	33213-65-9	ppb	59	U	440		340		880		110	U	780		120	U	210	U	310	U
Endosulfan Sulfate	1031-07-8	ppb	59	U	110	U	88	U	92	U	110	U	110	U	120	U	210	U	310	U
Endrin	72-20-8	ppb	73		760		690		460		98		410		66		210	U	310	U
Endrin Aldehyde	7421-93-4	ppb	390		440		470		940		840		1600		120	U	210	U	310	U
Endrin Ketone	53494-70-5	ppb	59	U	110	U	440		92	U	260		110	U	120	U	73		310	U
Gamma-BHC (Lindane)	58-89-9	ppb	59	U	110	U	88	U	92	U	110	U	110	U	21		21		160	U
Gamma-Chlordane	5566-34-7	ppb	98		590		500		230		290		430		360		450		160	U
Heptachlor	76-44-8	ppb	59	U	110	U	88	U	92	U	110	U	110	U	23		110	U	160	U
Heptachlor Epoxide	1024-57-3	ppb	59	U	110	U	88	U	100		110	U	320		61	U	110	U	160	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	21		220	U	170	U	180	U	210	U	210	U	610	U	1100	U	1600	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	150		1100		810		230		540		860		660		770		160	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	2700		26000		21000		1800	U	9900		21000		11000		12000		3100	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb													1500		2000		310	U
Total DDT (2,4)	TDDT-24	ppb													120	U	210	U	310	U
Total DDT (4,4)	TDDT-44	ppb	560		2100		2400		2900		1800		1800		1300		2000		310	U
Toxaphene	8001-35-2	ppb	2300	U	4400	U	3400	U	3500	U	4200	U	4300	U	6100	U	11000	U	16000	U

		Location ID	KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED095		KK02SED095		KK02SED095	
		Sample Name	KK02SED081D-04		KK02SED081D-05		KK02SED081D-06		KK02SED081D-07		KK02SED081D-08		KK02SED081D-09		KK02SED095E-01		KK02SED095E-02		KK02SED095E-03	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/19/2007		11/19/2007		11/19/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.0		0.0-0.5		0.5-1.5		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	270	U	360	U	380	U	330	U	400	U	390	U	2100		150	U	140	U
2,4'-DDE	3424-82-6	ppb	270	U	360	U	380	U	330	U	400	U	390	U	3100		150	U	140	U
2,4'-DDT	789-02-6	ppb	270	U	360	U	380	U	330	U	400	U	390	U	210	U	150	U	140	U
4,4'-DDD	72-54-8	ppb	270	U	360	U	380	U	330	U	400	U	390	U	4100		45		140	U
4,4'-DDE	72-55-9	ppb	270	U	360	U	380	U	330	U	400	U	390	U	6600		40		150	
4,4'-DDT	50-29-3	ppb	270	U	360	U	380	U	330	U	400	U	390	U	1300		220		120	
Aldrin	309-00-2	ppb	130	U	180	U	190	U	170	U	210	U	200	U	110	U	74	U	72	U
Alpha-BHC	319-84-6	ppb	130	U	180	U	190	U	170	U	210	U	200	U	110	U	74	U	270	
Alpha-Chlordane	5103-71-9	ppb	130	U	180	U	190	U	170	U	210	U	200	U	37		74	U	72	U
Aroclor-1016	12674-11-2	ppb	2700	U	3600	U	3800	U	3300	U	4000	U	3900	U	2100	U	1500	U	1400	U
Aroclor-1221	11104-28-2	ppb	2700	U	3600	U	3800	U	3300	U	4000	U	3900	U	2100	U	1500	U	1400	U
Aroclor-1232	11141-16-5	ppb	2700	U	3600	U	3800	U	3300	U	4000	U	3900	U	2100	U	1500	U	1400	U
Aroclor-1242	53469-21-9	ppb	2700	U	3600	U	3800	U	3300	U	4000	U	3900	U	4800		1500	U	1400	U
Aroclor-1248	12672-29-6	ppb	2700	U	3600	U	3800	U	3300	U	4000	U	3900	U	2100	U	1500	U	1400	U
Aroclor-1254	11097-69-1	ppb	2700	U	3600	U	3800	U	3300	U	4000	U	3900	U	2100	U	2500		1400	U
Aroclor-1260	11096-82-5	ppb	2700	U	3600	U	3800	U	3300	U	4000	U	3900	U	3200		1700		1400	U
Aroclor-1262	37324-23-5	ppb	2700	U	3600	U	3800	U	3300	U	4000	U	3900	U	2100	U	1500	U	1400	U
Aroclor-1268	11100-14-4	ppb	2700	U	3600	U	3800	U	3300	U	4000	U	3900	U	700		2500		1600	
Beta-BHC	319-85-7	ppb	130	U	180	U	190	U	170	U	210	U	200	U	140		74	U		
Delta-BHC	319-86-8	ppb	130	U	180	U	190	U	170	U	210	U	200	U	110	U	31		72	U
Dieldrin	60-57-1	ppb	270	U	360	U	380	U	330	U	400	U	390	U	210	U	47		140	U
Endosulfan I	959-98-8	ppb	130	U	180	U	190	U	170	U	210	U	200	U	63		74	U	72	U
Endosulfan II	33213-65-9	ppb	270	U	360	U	380	U	330	U	400	U	390	U	210	U	150	U	140	U
Endosulfan Sulfate	1031-07-8	ppb	270	U	360	U	380	U	330	U	400	U	390	U	180		150	U	83	
Endrin	72-20-8	ppb	270	U	360	U	380	U	330	U	400	U	390	U	210	U	150	U	140	U
Endrin Aldehyde	7421-93-4	ppb	270	U	360	U	380	U	330	U	400	U	390	U	210	U	150	U	140	U
Endrin Ketone	53494-70-5	ppb	270	U	360	U	380	U	330	U	400	U	390	U	210	U	150	U	140	U
Gamma-BHC (Lindane)	58-89-9	ppb	130	U	180	U	190	U	170	U	210	U	200	U	110	U	38		72	U
Gamma-Chlordane	5566-34-7	ppb	130	U	180	U	190	U	170	U	210	U	200	U	110	U	74	U	72	U
Heptachlor	76-44-8	ppb	130	U	180	U	190	U	170	U	210	U	200	U	110	U			890	
Heptachlor Epoxide	1024-57-3	ppb	130	U	180	U	190	U	170	U	210	U	200	U	110	U	74	U	72	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1300	U	1800	U	1900	U	1700	U	2100	U	2000	U	1100	U	740	U	720	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	130	U	180	U	190	U	170	U	210	U	200	U	37		74	U	72	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	2700	U	3600	U	3800	U	3300	U	4000	U	3900	U	8900		6500		1600	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	270	U	360	U	380	U	330	U	400	U	390	U	17000		310		270	
Total DDT (2,4)	TDDT-24	ppb	270	U	360	U	380	U	330	U	400	U	390	U	5200		150	U	140	U
Total DDT (4,4)	TDDT-44	ppb	270	U	360	U	380	U	330	U	400	U	390	U	12000		310		270	
Toxaphene	8001-35-2	ppb	13000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	7400	U	7200	U

		Location ID	KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095	
		Sample Name	KK02SED095E-04		KK02SED095E-05		KK02SED095E-06		KK02SED095E-07		KK02SED095E-08		KK02SED095E-09		KK02SED095E-10		KK02SED095E-11		KK02SED095E-12	
		Date Collected	11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	120	U	120	U	120	U	160	U	160	U	190	U	220	U	290	U	260	U
2,4'-DDE	3424-82-6	ppb	120	U	120	U	120	U	160	U	160	U	190	U	220	U	290	U	260	U
2,4'-DDT	789-02-6	ppb	120	U	120	U	120	U	160	U	160	U	190	U	220	U	290	U	260	U
4,4'-DDD	72-54-8	ppb	120	U	30		25		36		160	U	190	U	220	U	290	U	260	U
4,4'-DDE	72-55-9	ppb	120	U	120	U	120	U	160	U	160	U	190	U	220	U	290	U	260	U
4,4'-DDT	50-29-3	ppb	120	U	120	U	120	U	160	U	160	U	190	U	220	U	290	U	260	U
Aldrin	309-00-2	ppb	59	U	60	U	60	U	79	U	81	U	93	U	110	U	150	U	130	U
Alpha-BHC	319-84-6	ppb	59	U	60	U	60	U	79	U	81	U	93	U	110	U	150	U	130	U
Alpha-Chlordane	5103-71-9	ppb	59	U	60	U	60	U	79	U	81	U	93	U	110	U	150	U	130	U
Aroclor-1016	12674-11-2	ppb	1200	U	1200	U	1200	U	1600	U	1600	U	1900	U	2200	U	2900	U	2600	U
Aroclor-1221	11104-28-2	ppb	1200	U	1200	U	1200	U	1600	U	1600	U	1900	U	2200	U	2900	U	2600	U
Aroclor-1232	11141-16-5	ppb	1200	U	1200	U	1200	U	1600	U	1600	U	1900	U	2200	U	2900	U	2600	U
Aroclor-1242	53469-21-9	ppb	1200	U	1200	U	1200	U	1600	U	1600	U	1900	U	2200	U	2900	U	2600	U
Aroclor-1248	12672-29-6	ppb	1200	U	1200	U	1200	U	1600	U	1600	U	1900	U	2200	U	2900	U	2600	U
Aroclor-1254	11097-69-1	ppb	1200	U	1200	U	1200	U	1600	U	1600	U	1900	U	2200	U	2900	U	2600	U
Aroclor-1260	11096-82-5	ppb	1200	U	1200	U	1200	U	1600	U	1600	U	1900	U	2200	U	2900	U	2600	U
Aroclor-1262	37324-23-5	ppb	1200	U	1200	U	1200	U	1600	U	1600	U	1900	U	2200	U	2900	U	2600	U
Aroclor-1268	11100-14-4	ppb	1200	U	1200	U	1200	U	1600	U	1600	U	1900	U	2200	U	2900	U	2600	U
Beta-BHC	319-85-7	ppb	120		220				170		81	U	93	U	110	U	150	U	130	U
Delta-BHC	319-86-8	ppb	59	U	60	U	60	U	79	U	81	U	93	U	110	U	150	U	130	U
Dieldrin	60-57-1	ppb	120	U	120	U	120	U	160	U	160	U	190	U	220	U	290	U	260	U
Endosulfan I	959-98-8	ppb	59	U	60	U	60	U	79	U	81	U	93	U	110	U	150	U	130	U
Endosulfan II	33213-65-9	ppb	120	U	25		28		36		160	U	190	U	220	U	290	U	260	U
Endosulfan Sulfate	1031-07-8	ppb	120	U	120	U	120	U	160	U	160	U	190	U	220	U	290	U	260	U
Endrin	72-20-8	ppb	120	U	20		24		160	U	160	U	190	U	220	U	290	U	260	U
Endrin Aldehyde	7421-93-4	ppb	120	U	120	U	120	U	160	U	160	U	190	U	220	U	290	U	260	U
Endrin Ketone	53494-70-5	ppb	120	U	34		120	U	160	U	160	U	190	U	220	U	290	U	260	U
Gamma-BHC (Lindane)	58-89-9	ppb	59	U	60	U	120		79	U	81	U	93	U	110	U	150	U	130	U
Gamma-Chlordane	5566-34-7	ppb	59	U					79	U	22		19		110	U	150	U	130	U
Heptachlor	76-44-8	ppb	59	U	60	U	60	U	79	U	81	U	93	U	110	U	150	U	130	U
Heptachlor Epoxide	1024-57-3	ppb	19		60	U	60	U	79	U	27		93	U	110	U	150	U	130	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	590	U	600	U	600	U	790	U	810	U	930	U	1100	U	1500	U	1300	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	59	U	60	U	60	U	79	U	22		19		110	U	150	U	130	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	1200	U	1200	U	1200	U	1600	U	1600	U	1900	U	2200	U	2900	U	2600	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	120	U	30		25		36		160	U	190	U	220	U	290	U	260	U
Total DDT (2,4)	TDDT-24	ppb	120	U	120	U	120	U	160	U	160	U	190	U	220	U	290	U	260	U
Total DDT (4,4)	TDDT-44	ppb	120	U	30		25		36		160	U	190	U	220	U	290	U	260	U
Toxaphene	8001-35-2	ppb	5900	U	6000	U	6000	U	7900	U	8100	U	9300	U	11000	U	15000	U	13000	U

Table B-7
TOC-Normalized Pesticides

		Location ID	KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096	
		Sample Name	KK02SED096D-01		KK02SED096D-02		KK02SED096D-03		KK02SED096D-04		KK02SED096D-05		KK02SED096D-06		KK02SED096D-07		KK02SED096D-08		KK02SED096D-09	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	310	U	300	U	270	U	260	U	240	U	230	U	170	U	150		360	
2,4'-DDE	3424-82-6	ppb	310	U	300	U	270	U	260	U	190		190		240		290		480	
2,4'-DDT	789-02-6	ppb	310	U	300	U	270	U	260	U	240	U	230	U	170	U	140	U	110	U
4,4'-DDD	72-54-8	ppb	220		230		170		220		220		180		260		400		920	
4,4'-DDE	72-55-9	ppb	340		300	U	390		480		570		610		740		720		1600	
4,4'-DDT	50-29-3	ppb	310	U	300	U	270	U	330		240	U	230	U	500		170		450	
Aldrin	309-00-2	ppb	61		150	U	140	U	130	U	120	U	120	U	86	U	70	U	58	U
Alpha-BHC	319-84-6	ppb	150	U	150	U	140	U	130	U	120	U	120	U	86	U	70	U	58	U
Alpha-Chlordane	5103-71-9	ppb	50		150	U	31		130	U	29		37		86	U	130		270	
Aroclor-1016	12674-11-2	ppb	3100	U	3000	U	2700	U	2600	U	2400	U	2300	U	1700	U	1400	U	1100	U
Aroclor-1221	11104-28-2	ppb	3100	U	3000	U	2700	U	2600	U	2400	U	2300	U	1700	U	1400	U	1100	U
Aroclor-1232	11141-16-5	ppb	3100	U	3000	U	2700	U	2600	U	2400	U	2300	U	1700	U	1400	U	1100	U
Aroclor-1242	53469-21-9	ppb	4700		5200		5800		6300		6000		7100		12000		20000		46000	
Aroclor-1248	12672-29-6	ppb	3100	U	3000	U	2700	U	2600	U	2400	U	2300	U	1700	U	1400	U	1100	U
Aroclor-1254	11097-69-1	ppb	5000		6600		5800		7300		6600		7700		12000		14000		30000	
Aroclor-1260	11096-82-5	ppb	1500		1900		1800		2100		2200		2500		2600		2800		9400	
Aroclor-1262	37324-23-5	ppb	3100	U	3000	U	2700	U	2600	U	2400	U	2300	U	1700	U	1400	U	1100	U
Aroclor-1268	11100-14-4	ppb	3100	U	3000	U	2700	U	2600	U	2400	U	2300	U	1700	U	1400	U	1100	U
Beta-BHC	319-85-7	ppb	150	U	150	U	140	U	130	U	120	U	120	U	86	U	70	U		
Delta-BHC	319-86-8	ppb	150	U	150	U	140	U	130	U	120	U	120	U	86	U	70	U	58	U
Dieldrin	60-57-1	ppb	110		120		270	U	260	U	130		160		260		400		1300	
Endosulfan I	959-98-8	ppb	150	U	150	U	140	U	130	U	120	U	120	U	86	U	70	U	58	U
Endosulfan II	33213-65-9	ppb	310	U	300	U	270	U	260	U	240	U	230	U	170	U	140	U	110	U
Endosulfan Sulfate	1031-07-8	ppb	310	U	300	U	270	U	260	U	240	U	230	U	170	U	140	U	110	U
Endrin	72-20-8	ppb	310	U	300	U	270	U	260	U	240	U	230	U	170	U	140	U	110	U
Endrin Aldehyde	7421-93-4	ppb	310	U	300	U	270	U	260	U	240	U	230	U	170	U	140	U	110	U
Endrin Ketone	53494-70-5	ppb	310	U	63		270	U	260	U	240	U	230	U	170	U	140	U	110	U
Gamma-BHC (Lindane)	58-89-9	ppb	150	U	150	U	140	U	130	U	120	U	120	U	86	U	70	U	58	U
Gamma-Chlordane	5566-34-7	ppb	150	U	150	U	140	U	130	U	120	U	120	U	100		220		530	
Heptachlor	76-44-8	ppb	150	U	150	U	140	U	130	U	120	U	120	U	86	U	70	U	58	U
Heptachlor Epoxide	1024-57-3	ppb	150	U	96		140	U	130	U	130		130		150					
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1500	U	1500	U	1400	U	1300	U	1200	U	1200	U	860	U	700	U	580	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	50		150	U	31		130	U	29		37		100		350		810	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	11000		14000		14000		16000		15000		17000		26000		37000		87000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	580		230		550		1000		990		980		1700		1700		3800	
Total DDT (2,4)	TDDT-24	ppb	310	U	300	U	270	U	260	U	190		190		240		440		840	
Total DDT (4,4)	TDDT-44	ppb	580		230		550		1000		780		800		1500		1300		3000	
Toxaphene	8001-35-2	ppb	15000	U	15000	U	14000	U	13000	U	12000	U	12000	U	8600	U	7000	U	5800	U

		Location ID	KK02SED096		KK02SED096		KK02SED096		KVK01		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085	
		Sample Name	KK02SED096D-10		KK02SED096D-11		KK02SED096D-12		1JMS00157		MC02SED085C-01		MC02SED085C-02		MC02SED085C-03		MC02SED085C-04		MC02SED085C-05	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		8/30/2000		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007	
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	310				250		270		3700		500		840		670		250	
2,4'-DDE	3424-82-6	ppb	290		290		450		660		1100		770		1300		1200		390	
2,4'-DDT	789-02-6	ppb	89	U					5.4		210	U	100		120		160		400	U
4,4'-DDD	72-54-8	ppb	850		1100		610		720		11000		870		1200		800		380	
4,4'-DDE	72-55-9	ppb	1200		1500		2100		1800		2600		1700		2700		2400		770	
4,4'-DDT	50-29-3	ppb	420		620		280		14		210	U	150		200		250		410	U
Aldrin	309-00-2	ppb	45	U	33	U	57	U	30		110	U	22		33		69	U	91	
Alpha-BHC	319-84-6	ppb	45	U	33	U	57	U	4.8		110	U	59	U	84	U	69	U	240	
Alpha-Chlordane	5103-71-9	ppb	200		300		190		60		150		63		95		96		34	
Aroclor-1016	12674-11-2	ppb	890	U	670	U	1100	U			2100	U	1200	U	1700	U	1300	U	4100	U
Aroclor-1221	11104-28-2	ppb	890	U	670	U	1100	U			2100	U	1200	U	1700	U	1300	U	4100	U
Aroclor-1232	11141-16-5	ppb	890	U	670	U	1100	U			2100	U	1200	U	1700	U	1300	U	4100	U
Aroclor-1242	53469-21-9	ppb	21000		18000		24000				2600		5100		9000		10000		2900	
Aroclor-1248	12672-29-6	ppb	890	U	670	U	1100	U			2100	U	1200	U	1700	U	1300	U	4100	U
Aroclor-1254	11097-69-1	ppb	20000		15000		21000				5700		6800		11000		11000		3500	
Aroclor-1260	11096-82-5	ppb	4300		3200		4900				3100		4200		4800		6100		3700	
Aroclor-1262	37324-23-5	ppb	890	U	670	U	1100	U			2100	U	1200	U	1700	U	1300	U	4100	U
Aroclor-1268	11100-14-4	ppb	890	U	670	U	1100	U			2100	U	1200	U	1700	U	1300	U	4100	U
Beta-BHC	319-85-7	ppb	100		94		110	U	7.5		44		59	U	84	U	69	U	420	
Delta-BHC	319-86-8	ppb	45	U	33	U	57	U			79		59	U	84	U	69	U	290	
Dieldrin	60-57-1	ppb	890		1000		1300		33		210	U	120	U	170	U	280	U	410	U
Endosulfan I	959-98-8	ppb	45	U	56		57	U	9.6	U	110	U	59	U	55		69	U	200	U
Endosulfan II	33213-65-9	ppb	89	U	66	U	110	U	12	U	210	U	120	U	170	U	130	U	410	U
Endosulfan Sulfate	1031-07-8	ppb	89	U	66	U	110	U	0.81	U	210	U	120	U	170	U	130	U	410	U
Endrin	72-20-8	ppb	89	U	66	U	110	U	4.8	U	42		120	U	170	U	130	U	410	U
Endrin Aldehyde	7421-93-4	ppb	89	U	66	U	110	U	3.6	U	210	U	240		170	U	410		410	U
Endrin Ketone	53494-70-5	ppb	89	U	66	U	110	U	5.7	U	110		62		70		130	U	310	
Gamma-BHC (Lindane)	58-89-9	ppb	45	U	33	U	57	U	1.1		26		59	U	84	U	69	U	220	
Gamma-Chlordane	5566-34-7	ppb	380		520		360				260								200	U
Heptachlor	76-44-8	ppb	45	U	33	U	57	U	0.45		110	U	45		84	U	86		80	
Heptachlor Epoxide	1024-57-3	ppb			260		390		0.15	U			270		420		400		200	U
Hexachlorobenzene	118-74-1	ppb							63											
Methoxychlor	72-43-5	ppb	450	U	330	U	570	U	57	U	1100	U	590	U	840	U	690	U	2000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	590		820		550				420		63		95		96		34	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	46000		37000		49000				11000		16000		25000		26000		9900	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	3200		3500		3700		3600		19000		4200		6400		5400		1500	
Total DDT (2,4)	TDDT-24	ppb	600		290		700		930		4800		1400		2200		2000		320	
Total DDT (4,4)	TDDT-44	ppb	2500		3200		3000		2500		14000		2800		4000		3400		1200	
Toxaphene	8001-35-2	ppb	4500	U	3300	U	5700	U			11000	U	5900	U	8400	U	6900	U	20000	U

Table B-7
TOC-Normalized Pesticides

		Location ID	MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		NB01SED001A		NB01SED001A		NB01SED001A		NB01SED002	
		Sample Name	MC02SED085C-06		MC02SED085C-07		MC02SED085C-08		MC02SED085C-09		MC02SED085C-10		NB01SED001B-01		NB01SED001B-02		NB01SED001B-03		NB01SED002B-01	
		Date Collected	12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		11/13/2005		11/13/2005		11/13/2005		10/30/2005	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	190	U	660	U	260	U	160	U	770	U								
2,4'-DDE	3424-82-6	ppb	190	U	660	U	120		120		160									
2,4'-DDT	789-02-6	ppb	130		490		130		180		770	U								
4,4'-DDD	72-54-8	ppb	190	U	660	U	260	U	160	U	770	U	9700		8700		9400		6300	
4,4'-DDE	72-55-9	ppb	60		660	U	80		67		770	U	7600		5000		3500		3900	
4,4'-DDT	50-29-3	ppb	190	U	450		74		110		770	U	17000		15000		21000		5500	
Aldrin	309-00-2	ppb	44		180		53				380	U	2300	U	1900	U	1400	U	1400	U
Alpha-BHC	319-84-6	ppb	95	U	330	U	130	U	83	U	380	U	2300	U	1900	U	1400	U	1400	U
Alpha-Chlordane	5103-71-9	ppb	95	U	330	U	130	U	83	U	380	U	2300	U	1900	U	1400	U	1400	U
Aroclor-1016	12674-11-2	ppb	1900	U	6600	U	2600	U	1600	U	7700	U	8800	U	7100	U	5200	U	5700	U
Aroclor-1221	11104-28-2	ppb	1900	U	6600	U	2600	U	1600	U	7700	U	8800	U	7100	U	5200	U	5700	U
Aroclor-1232	11141-16-5	ppb	1900	U	6600	U	2600	U	1600	U	7700	U	8800	U	7100	U	5200	U	5700	U
Aroclor-1242	53469-21-9	ppb	1900	U	6600	U	2600	U	1600	U	7700	U	8800	U	7100	U	5200	U	5700	U
Aroclor-1248	12672-29-6	ppb	1900	U	6600	U	2600	U	1600	U	7700	U	10000		12000		15000		8400	
Aroclor-1254	11097-69-1	ppb	1900	U	6600	U	910		1600	U	7700	U	14000		14000		18000		5700	U
Aroclor-1260	11096-82-5	ppb	480		1300		2600	U	1600	U	7700	U	6100		6400		9800		4100	
Aroclor-1262	37324-23-5	ppb	1900	U	6600	U	2600	U	1600	U	7700	U	8800	U	7100	U	5200	U	5700	U
Aroclor-1268	11100-14-4	ppb	300		960		2600	U	1600	U	7700	U	8800	U	7100	U	5200	U	5700	U
Beta-BHC	319-85-7	ppb	320		990		210		550		190		2300	U	1900	U	230		1400	U
Delta-BHC	319-86-8	ppb	60		330	U	34		130		380	U	2300	U	1900	U	1400	U	1400	U
Dieldrin	60-57-1	ppb	65		660	U	63		160	U	770	U	4500	U	3600	U	2700	U	2700	U
Endosulfan I	959-98-8	ppb	95	U	330	U	130	U	83	U	55		2300	U	1900	U	1400	U	1400	U
Endosulfan II	33213-65-9	ppb	190	U	660	U	56		160	U	770	U	4500	U	3600	U	2700	U	2700	U
Endosulfan Sulfate	1031-07-8	ppb	71		290		260	U	160	U	770	U	4500	U	3600	U	2700	U	2700	U
Endrin	72-20-8	ppb	50		210		260	U	160	U	770	U	4500	U	3600	U	2700	U	2700	U
Endrin Aldehyde	7421-93-4	ppb	190	U	660		110		220		770	U	4500	U	3600	U	2700	U	2700	U
Endrin Ketone	53494-70-5	ppb	190	U	940		200		160	U	770	U	4500	U	3600	U	2700	U	2700	U
Gamma-BHC (Lindane)	58-89-9	ppb	95	U	330	U	130	U	120		380	U	2300	U	1900	U	1400	U	1400	U
Gamma-Chlordane	5566-34-7	ppb	95	U	330	U	130	U	83	U	380	U	2300	U	1900	U	1400	U	1400	U
Heptachlor	76-44-8	ppb	95	U	190		130	U	83	U	380	U	2300	U	1900	U	1400	U	1400	U
Heptachlor Epoxide	1024-57-3	ppb	95	U	330	U	130	U	53		380	U	2300	U	1900	U	1400	U	1400	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	950	U	660		1300	U	830	U	3800	U	23000	U	19000	U	14000	U	14000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	95	U	330	U	130	U	83	U	380	U	2300	U	1900	U	1400	U	1400	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	770		2300		910		1600	U	7700	U	30000		33000		44000		13000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	190		940		400		470		160									
Total DDT (2,4)	TDDT-24	ppb	130		490		250		300		160									
Total DDT (4,4)	TDDT-44	ppb	60		450		160		170		770	U	33000		29000		33000		16000	
Toxaphene	8001-35-2	ppb	9500	U	33000	U	13000	U	8300	U	38000	U	230000	U	190000	U	140000	U	140000	U

		Location ID	NB01SED002		NB01SED002		NB01SED002		NB01SED003		NB01SED003		NB01SED003		NB01SED003		NB01SED004		NB01SED004	
		Sample Name	NB01SED002B-02		NB01SED002B-03		NB01SED002B-04		NB01SED003D-01		NB01SED003D-02		NB01SED003D-03		NB01SED003D-04		NB01SED004B-01		NB01SED004B-02	
		Date Collected	10/30/2005		10/30/2005		10/30/2005		10/31/2005		10/31/2005		10/31/2005		10/31/2005		10/30/2005		10/30/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	4700		1100	U	5100	U	2200		490		3600	U	510	U	720		470	
4,4'-DDE	72-55-9	ppb	1900		1100	U	5100	U	1400		340		3600	U	22		1600		2400	
4,4'-DDT	50-29-3	ppb	2200	U	1100	U	5100	U	1500	U	1400		3600	U	510	U	5600		3700	U
Aldrin	309-00-2	ppb	1200	U	570	U	2700	U	760	U	1500	U	1900	U	270	U	480	U	1900	U
Alpha-BHC	319-84-6	ppb	1200	U	570	U	2700	U	760	U	1500	U	1900	U	270	U	480	U	1900	U
Alpha-Chlordane	5103-71-9	ppb	1200	U	570	U	2700	U	760	U	1500	U	1900	U	270	U	480	U	1900	U
Aroclor-1016	12674-11-2	ppb	5800	U	2200	U	11000	U	15000	U	5700	U	7100	U	5100	U	8800	U	7600	U
Aroclor-1221	11104-28-2	ppb	5800	U	2200	U	11000	U	15000	U	5700	U	7100	U	5100	U	8800	U	7600	U
Aroclor-1232	11141-16-5	ppb	5800	U	2200	U	11000	U	15000	U	5700	U	7100	U	5100	U	8800	U	7600	U
Aroclor-1242	53469-21-9	ppb	5800	U	2200	U	11000	U	15000	U	5700	U	7100	U	5100	U	8800	U	7600	U
Aroclor-1248	12672-29-6	ppb	6700		2200	U	11000	U	7500		5700	U	7100	U	5100	U	11000		14000	
Aroclor-1254	11097-69-1	ppb	4400		2200	U	11000	U	9200		1700		7100	U	5100	U	5600		7400	
Aroclor-1260	11096-82-5	ppb	2900		2200	U	11000	U	15000	U	5700	U	7100	U	5100	U	6800		8700	
Aroclor-1262	37324-23-5	ppb	5800	U	2200	U	11000	U	15000	U	5700	U	7100	U	5100	U	8800	U	7600	U
Aroclor-1268	11100-14-4	ppb	5800	U	2200	U	11000	U	15000	U	5700	U	7100	U	5100	U	8800	U	7600	U
Beta-BHC	319-85-7	ppb	1200	U	570	U	2700	U	760	U	1500	U	1900	U	270	U	480	U	1900	U
Delta-BHC	319-86-8	ppb	1200	U	570	U	2700	U	760	U	1500	U	1900	U	270	U	480	U	1900	U
Dieldrin	60-57-1	ppb	2200	U	1100	U	5100	U	1500	U	2900	U	3600	U	510	U	880	U	3700	U
Endosulfan I	959-98-8	ppb	1200	U	570	U	2700	U	760	U	1500	U	1900	U	270	U	480	U	1900	U
Endosulfan II	33213-65-9	ppb	2200	U	1100	U	5100	U	1500	U	2900	U	3600	U	510	U	880	U	3700	U
Endosulfan Sulfate	1031-07-8	ppb	2200	U	1100	U	5100	U	1500	U	2900	U	3600	U	510	U	880	U	3700	U
Endrin	72-20-8	ppb	2200	U	1100	U	5100	U	1500	U	2900	U	3600	U	510	U	880	U	3700	U
Endrin Aldehyde	7421-93-4	ppb	2200	U	1100	U	5100	U	1500	U	2900	U	3600	U	510	U	880	U	3700	U
Endrin Ketone	53494-70-5	ppb	2200	U	1100	U	5100	U	1500	U	2900	U	3600	U	510	U	880	U	3700	U
Gamma-BHC (Lindane)	58-89-9	ppb	1200	U	570	U	2700	U	760	U	1500	U	1900	U	270	U	480	U	1900	U
Gamma-Chlordane	5566-34-7	ppb	1200	U	570	U	2700	U	760	U	1500	U	1900	U	270	U	480	U	1900	U
Heptachlor	76-44-8	ppb	1200	U	570	U	2700	U	760	U	1500	U	1900	U	270	U	480	U	1900	U
Heptachlor Epoxide	1024-57-3	ppb	1200	U	570	U	2700	U	760	U	1500	U	1900	U	270	U	360		720	
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	12000	U	5700	U	27000	U	7600	U	15000	U	19000	U	2700	U	4800	U	19000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	1200	U	570	U	2700	U	760	U	1500	U	1900	U	270	U	480	U	1900	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	14000		2200	U	11000	U	17000		1700		7100	U	5100	U	23000		27000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	6700		1100	U	5100	U	3600		2200		3600	U	22		8000		2900	
Toxaphene	8001-35-2	ppb	120000	U	57000	U	270000	U	76000	U	150000	U	190000	U	27000	U	48000	U	190000	U

		Location ID	NB01SED004		NB01SED005		NB01SED005		NB01SED005		NB01SED005		NB01SED006A		NB01SED006A		NB01SED006A		NB01SED007	
		Sample Name	NB01SED004B-03		NB01SED005A-01		NB01SED005A-02		NB01SED005A-03		NB01SED005A-04		NB01SED006AA-01		NB01SED006AA-02		NB01SED006AA-03		NB01SED007A-01	
		Date Collected	10/30/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/27/2005		11/27/2005		11/27/2005		11/9/2005	
		Depth	1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	400		1000	U	830	U	1300	U	1200	U	750	U	180	U	390		1100	U
4,4'-DDE	72-55-9	ppb	2400		1700		1200		3500		2600		800		270		550		1500	U
4,4'-DDT	50-29-3	ppb	3100	U	950	U	830	U	2600	U	1200	U							1000	U
Aldrin	309-00-2	ppb	1600	U	500	U	420	U	680	U	620	U	390	U	92	U	190	U	510	U
Alpha-BHC	319-84-6	ppb	1600	U	500	U	420	U	71		620	U	390	U	92	U	190	U	510	U
Alpha-Chlordane	5103-71-9	ppb	1600	U	500	U	420	U	680	U	620	U	390	U	92	U	190	U	510	U
Aroclor-1016	12674-11-2	ppb	6000	U	9500	U	8300	U	13000	U	12000	U	3700	U	1800	U	3700	U	10000	U
Aroclor-1221	11104-28-2	ppb	6000	U	9500	U	8300	U	13000	U	12000	U	3700	U	1800	U	3700	U	10000	U
Aroclor-1232	11141-16-5	ppb	6000	U	9500	U	8300	U	13000	U	12000	U	3700	U	1800	U	3700	U	10000	U
Aroclor-1242	53469-21-9	ppb	6000	U	9500	U	8300	U	13000	U	12000	U	3700	U	1800	U	3700	U	10000	U
Aroclor-1248	12672-29-6	ppb	22000		29000		16000		68000		76000		6000		4200		6000		17000	
Aroclor-1254	11097-69-1	ppb	6000	U	20000		12000		38000		48000		6500		3100		7000		14000	
Aroclor-1260	11096-82-5	ppb	9600		7300		5000		13000		15000		2300		1300		2700		5200	
Aroclor-1262	37324-23-5	ppb	6000	U	9500	U	8300	U	13000	U	12000	U	3700	U	1800	U	3700	U	10000	U
Aroclor-1268	11100-14-4	ppb	6000	U	9500	U	8300	U	13000	U	12000	U	3700	U	1800	U	3700	U	10000	U
Beta-BHC	319-85-7	ppb	1600	U	500	U	130		680	U	620	U	390	U	92	U	190	U	510	U
Delta-BHC	319-86-8	ppb	1600	U	500	U	420	U	680	U	620	U	390	U	92	U	190	U	510	U
Dieldrin	60-57-1	ppb	3100	U	950	U	830	U	1300	U	1200	U	750	U	180	U	370	U	1000	U
Endosulfan I	959-98-8	ppb	1600	U	500	U	420	U	680	U	620	U	390	U	92	U	190	U	510	U
Endosulfan II	33213-65-9	ppb	3100	U	950	U	830	U	1300	U	1200	U	750	U	180	U	370	U	1000	U
Endosulfan Sulfate	1031-07-8	ppb	3100	U	950	U	830	U	1300	U	1200	U	750	U	180	U	370	U	1000	U
Endrin	72-20-8	ppb	3100	U	950	U	830	U	1300	U	1200	U	750	U	180	U	370	U	1000	U
Endrin Aldehyde	7421-93-4	ppb	3100	U	950	U	830	U	1300	U	1200	U	750	U	180	U	370	U	1000	U
Endrin Ketone	53494-70-5	ppb	3100	U	950	U	830	U	1300	U	1200	U	750	U	180	U	370	U	1000	U
Gamma-BHC (Lindane)	58-89-9	ppb	1600	U	500	U	420	U	680	U	620	U	390	U	92	U	190	U	510	U
Gamma-Chlordane	5566-34-7	ppb	1600	U	500	U	420	U	680	U	620	U	390	U	92	U	190	U	510	U
Heptachlor	76-44-8	ppb	1600	U	500	U	420	U	680	U	620	U	390	U	92	U	190	U	510	U
Heptachlor Epoxide	1024-57-3	ppb	1600	U	500	U	420	U	680	U	620	U	390	U	92	U	190	U	510	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	16000	U	5000	U	4200	U	6800	U	6200	U	3900	U	920	U	1900	U	5100	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	1600	U	500	U	420	U	680	U	620	U	390	U	92	U	190	U	510	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	31000		55000		33000		120000		140000		15000		8500		16000		36000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	2900		1700		1200		3500		2600		800		270		950		1500	U
Toxaphene	8001-35-2	ppb	160000	U	50000	U	42000	U	68000	U	62000	U	39000	U	9200	U	19000	U	51000	U

		Location ID	NB01SED007		NB01SED007		NB01SED007		NB01SED008A		NB01SED008A		NB01SED008A		NB01SED009		NB01SED009		NB01SED009	
		Sample Name	NB01SED007A-02		NB01SED007A-03		NB01SED007A-04		NB01SED008AA-01		NB01SED008AA-02		NB01SED008AA-03		NB01SED009A-01		NB01SED009A-02		NB01SED009A-03	
		Date Collected	11/9/2005		11/9/2005		11/9/2005		11/14/2005		11/14/2005		11/14/2005		11/6/2005		11/6/2005		11/6/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1300		950	U	3300	U	1200	U	1300	U	1400	U	1600		35		110	
4,4'-DDE	72-55-9	ppb	2100		3600		3300	U	2700		3000		2900		1600		2800	U	420	U
4,4'-DDT	50-29-3	ppb	2600		950	U	3300	U	1200	U	1300	U	1700		1200		110		73	
Aldrin	309-00-2	ppb	520	U	500	U	1700	U	630	U	650	U	540	U	300	U	1400	U	220	U
Alpha-BHC	319-84-6	ppb	520	U	500	U	1700	U	630	U	650	U	540	U	300	U	1400	U	220	U
Alpha-Chlordane	5103-71-9	ppb	520	U	500	U	1700	U	630	U	650	U	540	U	300	U	1400	U	220	U
Aroclor-1016	12674-11-2	ppb	10000	U	10000	U	6400	U	6000	U	13000	U	21000	U	6100	U	5300	U	4200	U
Aroclor-1221	11104-28-2	ppb	10000	U	10000	U	6400	U	6000	U	13000	U	21000	U	6100	U	5300	U	4200	U
Aroclor-1232	11141-16-5	ppb	10000	U	10000	U	6400	U	6000	U	13000	U	21000	U	6100	U	5300	U	4200	U
Aroclor-1242	53469-21-9	ppb	10000	U	10000	U	6400	U	6000	U	13000	U	21000	U	6100	U	5300	U	4200	U
Aroclor-1248	12672-29-6	ppb	25000		43000		43000		25000		53000		79000		5800		5300	U	4200	U
Aroclor-1254	11097-69-1	ppb	21000		45000		43000		25000		42000		46000		5800		5300	U	4200	U
Aroclor-1260	11096-82-5	ppb	8600		13000		10000		10000		14000		17000		2400		5300	U	4200	U
Aroclor-1262	37324-23-5	ppb	10000	U	10000	U	6400	U	6000	U	13000	U	21000	U	6100	U	5300	U	4200	U
Aroclor-1268	11100-14-4	ppb	10000	U	10000	U	6400	U	6000	U	13000	U	21000	U	6100	U	5300	U	4200	U
Beta-BHC	319-85-7	ppb	520	U	500	U	1700	U	630	U	650	U	540	U	300	U	1400	U	220	U
Delta-BHC	319-86-8	ppb	520	U	500	U	1700	U	630	U	650	U	540	U	300	U	1400	U	220	U
Dieldrin	60-57-1	ppb	1000	U	950	U	3300	U	1200	U	1300	U	1100	U	610	U	2800	U	420	U
Endosulfan I	959-98-8	ppb	520	U	500	U	1700	U	630	U	650	U	540	U	300	U	1400	U	220	U
Endosulfan II	33213-65-9	ppb	1000	U	950	U	3300	U	1200	U	1300	U	1100	U	610	U	2800	U	420	U
Endosulfan Sulfate	1031-07-8	ppb	1000	U	950	U	3300	U	1200	U	1300	U	1100	U	610	U	2800	U	420	U
Endrin	72-20-8	ppb	1000	U	950	U	3300	U	1200	U	1300	U	1100	U	610	U	2800	U	71	
Endrin Aldehyde	7421-93-4	ppb	1000	U	950	U	3300	U	1200	U	1300	U	1100	U	610	U	2800	U	420	U
Endrin Ketone	53494-70-5	ppb	1000	U	950	U	3300	U	1200	U	1300	U	1100	U	610	U	2800	U	420	U
Gamma-BHC (Lindane)	58-89-9	ppb	520	U	500	U	1700	U	630	U	120		110		300	U	1400	U	220	U
Gamma-Chlordane	5566-34-7	ppb	520	U	500	U	1700	U	630	U	650	U	560	U	300	U	1400	U	220	U
Heptachlor	76-44-8	ppb	520	U	500	U	1700	U	630	U	650	U	540	U	300	U	1400	U	220	U
Heptachlor Epoxide	1024-57-3	ppb	520	U	500	U	1700	U	630	U	650	U	540	U	300	U	1400	U	47	
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	5200	U	5000	U	17000	U	6200	U	6500	U	5400	U	3000	U	330			
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	520	U	500	U	1700	U	630	U	650	U	560	U	300	U	1400	U	220	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	57000		100000		96000		60000		110000		140000		14000		5300	U	4200	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	6200		3600		3300	U	2700		3000		4600		4500		140		180	
Toxaphene	8001-35-2	ppb	52000	U	50000	U	170000	U	63000	U	65000	U	54000	U	30000	U	140000	U	22000	U

		Location ID	NB01SED009		NB01SED010A		NB01SED010A		NB01SED010A		NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED011	
		Sample Name	NB01SED009A-04		NB01SED010I-01		NB01SED010I-02		NB01SED010I-03		NB01SED011B-01		NB01SED011B-02		NB01SED011B-03		NB01SED011B-04		NB01SED011B-05	
		Date Collected	11/6/2005		10/31/2005		10/31/2005		10/31/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.3		1.3-2.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	600	U	2600		3600	U	4400	U	3800	U	890	U	400	U	520	U	390	U
4,4'-DDE	72-55-9	ppb	70		4100		3600	U	4400	U	3900	U	53		14		520	U	14	
4,4'-DDT	50-29-3	ppb	600	U	2100	U	3600	U	4400	U	3800	U	890	U	400	U	59		390	U
Aldrin	309-00-2	ppb	310	U	1100	U	1800	U	2300	U	2000	U	450	U	210	U	260	U	200	U
Alpha-BHC	319-84-6	ppb	310	U	1100	U	1800	U	2300	U	2000	U	450	U	210	U	41		200	U
Alpha-Chlordane	5103-71-9	ppb	310	U	1100	U	1800	U	2300	U	2000	U	450	U	210	U	260	U	200	U
Aroclor-1016	12674-11-2	ppb	6000	U	11000	U	7100	U	8900	U	38000	U	8900	U	4000	U	5200	U	3900	U
Aroclor-1221	11104-28-2	ppb	6000	U	11000	U	7100	U	8900	U	38000	U	8900	U	4000	U	5200	U	3900	U
Aroclor-1232	11141-16-5	ppb	6000	U	11000	U	7100	U	8900	U	38000	U	8900	U	4000	U	5200	U	3900	U
Aroclor-1242	53469-21-9	ppb	6000	U	11000	U	7100	U	8900	U	38000	U	8900	U	4000	U	5200	U	3900	U
Aroclor-1248	12672-29-6	ppb	6000	U	5400		7100	U	8900	U	180000		8900	U	4000	U	5200	U	3900	U
Aroclor-1254	11097-69-1	ppb	6000	U	8100		3900		610		84000		8900	U	4000	U	5200	U	3900	U
Aroclor-1260	11096-82-5	ppb	6000	U	3500		7100	U	8900	U	26000		8900	U	4000	U	5200	U	3900	U
Aroclor-1262	37324-23-5	ppb	6000	U	11000	U	7100	U	8900	U	38000	U	8900	U	4000	U	5200	U	3900	U
Aroclor-1268	11100-14-4	ppb	6000	U	11000	U	2600		5400		38000	U	8900	U	4000	U	5200	U	3900	U
Beta-BHC	319-85-7	ppb	310	U	1100	U	1800	U	2300	U	2000	U	450	U	210	U	260	U	200	U
Delta-BHC	319-86-8	ppb	310	U	1100	U	1800	U	2300	U	2000	U	450	U	210	U	260	U	200	U
Dieldrin	60-57-1	ppb	600	U	2100	U	3600	U	4400	U	3800	U	890	U	400	U	520	U	390	U
Endosulfan I	959-98-8	ppb	310	U	1100	U	1800	U	2300	U	2000	U	450	U	210	U	260	U	200	U
Endosulfan II	33213-65-9	ppb	600	U	2100	U	3600	U	4400	U	3800	U	890	U	400	U	520	U	390	U
Endosulfan Sulfate	1031-07-8	ppb	600	U	2100	U	3600	U	4400	U	3800	U	890	U	400	U	520	U	390	U
Endrin	72-20-8	ppb	40		2100	U	3600	U	4400	U	3800	U	890	U	400	U	520	U	390	U
Endrin Aldehyde	7421-93-4	ppb	600	U	2100	U	3600	U	4400	U	3800	U	890	U	400	U	520	U	390	U
Endrin Ketone	53494-70-5	ppb	600	U	2100	U	3600	U	4400	U	3800	U	890	U	400	U	520	U	390	U
Gamma-BHC (Lindane)	58-89-9	ppb	310	U	1100	U	1800	U	2300	U	2000	U	450	U	210	U	260	U	200	U
Gamma-Chlordane	5566-34-7	ppb	310	U	1100	U	1800	U	2300	U	2000	U	450	U	210	U	48		200	U
Heptachlor	76-44-8	ppb	310	U	1100	U	1800	U	2300	U	2000	U	450	U	210	U	260	U	200	U
Heptachlor Epoxide	1024-57-3	ppb	310	U	1100	U	1800	U	2300	U	2000	U	450	U	210	U	260	U	200	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	3100	U	11000	U	18000	U	23000	U	20000	U	4500	U	2100	U	2600	U	2000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	310	U	1100	U	1800	U	2300	U	2000	U	450	U	210	U	48		200	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	6000	U	17000		6700		6100		290000		8900	U	4000	U	5200	U	3900	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	70		6900		3600	U	4400	U	3900	U	53		14		59		14	
Toxaphene	8001-35-2	ppb	31000	U	110000	U	180000	U	230000	U	200000	U	45000	U	21000	U	26000	U	20000	U

		Location ID	NB01SED011		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED013	
		Sample Name	NB01SED011B-06		NB01SED012A-01		NB01SED012A-02		NB01SED012A-03		NB01SED012A-04		NB01SED012A-05		NB01SED012A-06		NB01SED012A-07		NB01SED013C-02	
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		10/31/2005	
		Depth	4.5-5.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		6.5-8.0		0.5-1.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1500	U	4200	U	4400	U	3800	U	2900	U	5000	U	3900	U	6700	U	3300	U
4,4'-DDE	72-55-9	ppb	1500	U	4700	U	4800	U	5400	U	5100		8900		20000		15000		3300	U
4,4'-DDT	50-29-3	ppb	1100		4200	U	4400	U	3800	U	7600		5000	U	3500	U	6700	U	3300	U
Aldrin	309-00-2	ppb	750	U	2200	U	2200	U	2000	U	1500	U	2700	U	1800	U	3300	U	1700	U
Alpha-BHC	319-84-6	ppb	750	U	2200	U	2200	U	2000	U	1500	U	2700	U	1800	U	3300	U	1700	U
Alpha-Chlordane	5103-71-9	ppb	750	U	2200	U	2200	U	2000	U	1500	U	2700	U	1800	U	3300	U	1700	U
Aroclor-1016	12674-11-2	ppb	15000	U	42000	U	44000	U	38000	U	29000	U	25000	U	36000	U	33000	U	6700	U
Aroclor-1221	11104-28-2	ppb	15000	U	42000	U	44000	U	38000	U	29000	U	25000	U	36000	U	33000	U	6700	U
Aroclor-1232	11141-16-5	ppb	15000	U	42000	U	44000	U	38000	U	29000	U	25000	U	36000	U	33000	U	6700	U
Aroclor-1242	53469-21-9	ppb	15000	U	42000	U	44000	U	38000	U	29000	U	25000	U	36000	U	33000	U	6700	U
Aroclor-1248	12672-29-6	ppb	15000	U	250000		200000		210000		130000		160000		71000		33000	U	6700	U
Aroclor-1254	11097-69-1	ppb	15000	U	110000		86000		96000		59000		91000		62000		49000		6700	U
Aroclor-1260	11096-82-5	ppb	15000	U	23000		20000		23000		17000		22000		22000		19000		6700	U
Aroclor-1262	37324-23-5	ppb	15000	U	42000	U	44000	U	38000	U	29000	U	25000	U	36000	U	33000	U	6700	U
Aroclor-1268	11100-14-4	ppb	15000	U	42000	U	44000	U	38000	U	29000	U	25000	U	36000	U	33000	U	6700	U
Beta-BHC	319-85-7	ppb	750	U	2200	U	2200	U	2000	U	1500	U	2700	U	1800	U	3300	U	1700	U
Delta-BHC	319-86-8	ppb	750	U	2200	U	2200	U	2000	U	1500	U	2700	U	1800	U	3300	U	1700	U
Dieldrin	60-57-1	ppb	1500	U	4200	U	4400	U	3800	U	2900	U	5000	U	3500	U	6700	U	3300	U
Endosulfan I	959-98-8	ppb	750	U	2200	U	2200	U	2000	U	1500	U	2700	U	1800	U	3300	U	1700	U
Endosulfan II	33213-65-9	ppb	1500	U	4200	U	4400	U	3800	U	2900	U	5000	U	3500	U	6700	U	3300	U
Endosulfan Sulfate	1031-07-8	ppb	1500	U	4200	U	4400	U	3800	U	2900	U	5000	U	3500	U	6700	U	3300	U
Endrin	72-20-8	ppb	1500	U	4200	U	4400	U	3800	U	2900	U	5000	U	3500	U	6700	U	3300	U
Endrin Aldehyde	7421-93-4	ppb	1500	U	4200	U	4400	U	3800	U	2900	U	5000	U	3500	U	6700	U	3300	U
Endrin Ketone	53494-70-5	ppb	1500	U	4200	U	4400	U	3800	U	2900	U	5000	U	3500	U	6700	U	3300	U
Gamma-BHC (Lindane)	58-89-9	ppb	750	U	2200	U	2200	U	2000	U	1500	U	2700	U	1800	U	3300	U	1700	U
Gamma-Chlordane	5566-34-7	ppb	750	U	2200	U	2200	U	2000	U	1500	U	2700	U	1800	U	3300	U	1700	U
Heptachlor	76-44-8	ppb	750	U	2200	U	2200	U	2000	U	1500	U	2700	U	1800	U	3300	U	1700	U
Heptachlor Epoxide	1024-57-3	ppb	750	U	2200	U	2200	U	2000	U	1500	U	2700	U	3000	U	3300	U	1700	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	7500	U	22000	U	22000	U	20000	U	15000	U	27000	U	18000	U	33000	U	17000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	750	U	2200	U	2200	U	2000	U	1500	U	2700	U	1800	U	3300	U	1700	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	15000	U	390000		300000		330000		200000		270000		160000		68000		6700	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	1100		4700	U	4800	U	5400	U	13000		8900		20000		15000		3300	U
Toxaphene	8001-35-2	ppb	75000	U	220000	U	220000	U	200000	U	150000	U	270000	U	180000	U	330000	U	170000	U

		Location ID	NB01SED013		NB01SED013		NB01SED014		NB01SED014		NB01SED014		NB01SED014		NB01SED015		NB01SED015		NB01SED015	
		Sample Name	NB01SED013C-03		NB01SED013C-04		NB01SED014A-01		NB01SED014A-02		NB01SED014A-03		NB01SED014A-04		NB01SED015A-01		NB01SED015A-02		NB01SED015A-03	
		Date Collected	10/31/2005		10/31/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/1/2005		11/1/2005		11/1/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1000	U	240	U	940		3900	U	1600	U	1300	U	4600	U	3300		3300	U
4,4'-DDE	72-55-9	ppb	1000	U	240	U	670		3900	U	1600	U	1300	U	4600	U	2000		6900	
4,4'-DDT	50-29-3	ppb	1000	U	240	U	3300	U	160		1600	U	1300	U	4600	U	30000		3300	U
Aldrin	309-00-2	ppb	500	U	130	U	1700	U	2100	U	820	U	660	U	2400	U	480	U	1700	U
Alpha-BHC	319-84-6	ppb	500	U	130	U	1700	U	2100	U	820	U	660	U	2400	U	480	U	1700	U
Alpha-Chlordane	5103-71-9	ppb	500	U	130	U	1700	U	2100	U	820	U	660	U	2400	U	480	U	1700	U
Aroclor-1016	12674-11-2	ppb	2000	U	2400	U	6700	U	7900	U	16000	U	13000	U	18000	U	9400	U	33000	U
Aroclor-1221	11104-28-2	ppb	2000	U	2400	U	6700	U	7900	U	16000	U	13000	U	18000	U	9400	U	33000	U
Aroclor-1232	11141-16-5	ppb	2000	U	2400	U	6700	U	7900	U	16000	U	13000	U	18000	U	9400	U	33000	U
Aroclor-1242	53469-21-9	ppb	2000	U	2400	U	6700	U	7900	U	16000	U	13000	U	18000	U	9400	U	33000	U
Aroclor-1248	12672-29-6	ppb	2000	U	2400	U	3600		7900	U	16000	U	13000	U	100000		4900		190000	
Aroclor-1254	11097-69-1	ppb	2000	U	2400	U	3600		7900	U	16000	U	13000	U	46000		6300		97000	
Aroclor-1260	11096-82-5	ppb	2000	U	2400	U	6700	U	7900	U	16000	U	13000	U	15000		1300		28000	
Aroclor-1262	37324-23-5	ppb	2000	U	2400	U	6700	U	7900	U	16000	U	13000	U	18000	U	9400	U	33000	U
Aroclor-1268	11100-14-4	ppb	2000	U	2400	U	6700	U	7900	U	16000	U	13000	U	18000	U	9400	U	33000	U
Beta-BHC	319-85-7	ppb	500	U	130	U	1700	U	33		820	U	660	U	2400	U	480	U	1700	U
Delta-BHC	319-86-8	ppb	500	U	130	U	1700	U	2100	U	820	U	660	U	2400	U	480	U	1700	U
Dieldrin	60-57-1	ppb	1000	U	240	U	3300	U	3900	U	1600	U	1300	U	4600	U	940	U	3300	U
Endosulfan I	959-98-8	ppb	500	U	130	U	1700	U	2100	U	820	U	660	U	2400	U	480	U	1700	U
Endosulfan II	33213-65-9	ppb	1000	U	240	U	3300	U	3900	U	1600	U	1300	U	4600	U	940	U	3300	U
Endosulfan Sulfate	1031-07-8	ppb	1000	U	240	U	3300	U	3900	U	1600	U	1300	U	4600	U	940	U	3300	U
Endrin	72-20-8	ppb	1000	U	240	U	3300	U	3900	U	1600	U	1300	U	4600	U	940	U	3300	U
Endrin Aldehyde	7421-93-4	ppb	1000	U	240	U	3300	U	3900	U	1600	U	1300	U	4600	U	940	U	3300	U
Endrin Ketone	53494-70-5	ppb	1000	U	240	U	3300	U	3900	U	1600	U	1300	U	4600	U	940	U	3300	U
Gamma-BHC (Lindane)	58-89-9	ppb	500	U	130	U	1700	U	2100	U	820	U	660	U	2400	U	480	U	1700	U
Gamma-Chlordane	5566-34-7	ppb	500	U	130	U	1700	U	2100	U	820	U	660	U	2400	U	380		1700	U
Heptachlor	76-44-8	ppb	500	U	130	U	1700	U	2100	U	820	U	660	U	2400	U	480	U	1700	U
Heptachlor Epoxide	1024-57-3	ppb	500	U	130	U	1700	U	2100	U	820	U	660	U	2400	U	480	U	1700	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	5000	U	1300	U	17000	U	21000	U	8200	U	6600	U	24000	U	4800	U	17000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	500	U	130	U	1700	U	2100	U	820	U	660	U	2400	U	380		1700	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	2000	U	2400	U	7300		7900	U	16000	U	13000	U	160000		13000		310000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	1000	U	240	U	1600		160		1600	U	1300	U	4600	U	35000		6900	
Toxaphene	8001-35-2	ppb	50000	U	13000	U	170000	U	210000	U	82000	U	66000	U	240000	U	48000	U	170000	U

		Location ID	NB01SED015		NB01SED016		NB01SED016		NB01SED016		NB01SED016		NB01SED017		NB01SED017		NB01SED017		NB01SED018	
		Sample Name	NB01SED015A-04		NB01SED016C-01		NB01SED016C-02		NB01SED016C-03		NB01SED016C-04		NB01SED017B-01		NB01SED017B-02		NB01SED017B-03		NB01SED018D-01	
		Date Collected	11/1/2005		11/13/2005		11/13/2005		11/13/2005		11/13/2005		11/20/2005		11/20/2005		11/20/2005		11/6/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1300	U	1500	U	1000	U	940	U	730	U	1000	U	960	U	1200	U	2400	U
4,4'-DDE	72-55-9	ppb	2400		1500		1300		1100		1200		1000	U	960	U	1200	U	2400	U
4,4'-DDT	50-29-3	ppb	1300	U	1500	U	4800		940	U	730	U	1000	U	960	U	1200	U	2400	U
Aldrin	309-00-2	ppb	650	U	730	U	520	U	490	U	380	U	520	U	480	U	610	U	1200	U
Alpha-BHC	319-84-6	ppb	650	U	730	U	520	U	490	U	380	U	520	U	480	U	610	U	1200	U
Alpha-Chlordane	5103-71-9	ppb	650	U	730	U	520	U	490	U	380	U	520	U	480	U	610	U	1200	U
Aroclor-1016	12674-11-2	ppb	6500	U	15000	U	10000	U	9400	U	7300	U	10000	U	9600	U	12000	U	24000	U
Aroclor-1221	11104-28-2	ppb	6500	U	15000	U	10000	U	9400	U	7300	U	10000	U	9600	U	12000	U	24000	U
Aroclor-1232	11141-16-5	ppb	6500	U	15000	U	10000	U	9400	U	7300	U	10000	U	9600	U	12000	U	24000	U
Aroclor-1242	53469-21-9	ppb	6500	U	15000	U	10000	U	9400	U	7300	U	10000	U	9600	U	12000	U	24000	U
Aroclor-1248	12672-29-6	ppb	17000		10000		12000		16000		13000		6800		9600		3800		18000	
Aroclor-1254	11097-69-1	ppb	19000		13000		14000		16000		15000		6800		7600		3300		11000	
Aroclor-1260	11096-82-5	ppb	6500		4900		5700		6700		6800		2100		3400		1900		5100	
Aroclor-1262	37324-23-5	ppb	6500	U	15000	U	10000	U	9400	U	7300	U	10000	U	9600	U	12000	U	24000	U
Aroclor-1268	11100-14-4	ppb	6500	U	15000	U	10000	U	9400	U	7300	U	10000	U	9600	U	12000	U	24000	U
Beta-BHC	319-85-7	ppb	100		730	U	520	U	490	U	380	U	520	U	480	U	610	U	1200	U
Delta-BHC	319-86-8	ppb	650	U	270		190		180		410	U	520	U	480	U	610	U	1200	U
Dieldrin	60-57-1	ppb	1300	U	1500	U	1000	U	940	U	730	U	1000	U	960	U	1200	U	2400	U
Endosulfan I	959-98-8	ppb	650	U	730	U	520	U	490	U	380	U	520	U	480	U	610	U	1200	U
Endosulfan II	33213-65-9	ppb	1300	U	1500	U	1000	U	940	U	730	U	1000	U	960	U	1200	U	2400	U
Endosulfan Sulfate	1031-07-8	ppb	1300	U	1500	U	1000	U	940	U	730	U	1000	U	960	U	1200	U	2400	U
Endrin	72-20-8	ppb	1300	U	1500	U	1000	U	940	U	730	U	1000	U	960	U	1200	U	2400	U
Endrin Aldehyde	7421-93-4	ppb	1300	U	1500	U	1000	U	940	U	730	U	1000	U	960	U	1200	U	2400	U
Endrin Ketone	53494-70-5	ppb	1300	U	1500	U	1000	U	940	U	730	U	1000	U	960	U	1200	U	2400	U
Gamma-BHC (Lindane)	58-89-9	ppb	650	U	730	U	520	U	490	U	380	U	520	U	480	U	610	U	1200	U
Gamma-Chlordane	5566-34-7	ppb	650	U	730	U	520	U	490	U	380	U	520	U	480	U	610	U	1200	U
Heptachlor	76-44-8	ppb	650	U	730	U	520	U	490	U	100		520	U	480	U	610	U	1200	U
Heptachlor Epoxide	1024-57-3	ppb	650	U	730	U	520	U	490	U	380	U	520	U	480	U	610	U	1200	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	6500	U	7300	U	5200	U	4900	U	3800	U	5200	U	4800	U	6100	U	12000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	650	U	730	U	520	U	490	U	380	U	520	U	480	U	610	U	1200	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	42000		27000		32000		38000		35000		16000		20000		8900		32000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	2400		1500		6200		1100		1200		1000	U	960	U	1200	U	2400	U
Toxaphene	8001-35-2	ppb	65000	U	73000	U	52000	U	49000	U	38000	U	52000	U	48000	U	61000	U	120000	U

		Location ID	NB01SED018		NB01SED019		NB01SED019		NB01SED019		NB01SED019		NB01SED020		NB01SED020		NB01SED020		NB01SED020	
		Sample Name	NB01SED018D-02		NB01SED019A-01		NB01SED019A-02		NB01SED019A-03		NB01SED019A-04		NB01SED020A-01		NB01SED020A-02		NB01SED020A-03		NB01SED020A-04	
		Date Collected	11/6/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005	
		Depth	0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1400	U	9400	U	1100		940	U	2500	U	1500	U	1100	U	3200		510	U
4,4'-DDE	72-55-9	ppb	1400	U	20000		7600		360		3000		3600		2300		7400		510	U
4,4'-DDT	50-29-3	ppb	1400	U	9400	U	320		940	U	2500	U	1200	U	910	U	7700		510	U
Aldrin	309-00-2	ppb	760	U	4700	U	2700	U	480	U	1300	U	620	U	450	U	1300	U	260	U
Alpha-BHC	319-84-6	ppb	760	U	4700	U	47		480	U	1300	U	620	U	450	U	1300	U	260	U
Alpha-Chlordane	5103-71-9	ppb	760	U	4700	U	2700	U	480	U	1300	U	620	U	450	U	1300	U	260	U
Aroclor-1016	12674-11-2	ppb	14000	U	22000	U	11000	U	9400	U	25000	U	12000	U	9100	U	25000	U	2800	U
Aroclor-1221	11104-28-2	ppb	14000	U	22000	U	11000	U	9400	U	25000	U	12000	U	9100	U	25000	U	2800	U
Aroclor-1232	11141-16-5	ppb	14000	U	22000	U	11000	U	9400	U	25000	U	12000	U	9100	U	25000	U	2800	U
Aroclor-1242	53469-21-9	ppb	14000	U	22000	U	11000	U	9400	U	25000	U	12000	U	9100	U	25000	U	2800	U
Aroclor-1248	12672-29-6	ppb	9000		20000		11000	U	9400	U	110000		51000		36000		8400		2800	U
Aroclor-1254	11097-69-1	ppb	5500		31000		11000	U	9400	U	54000		38000		29000		13000		2800	U
Aroclor-1260	11096-82-5	ppb	14000	U	17000		2100		9400	U	19000		12000		8600		25000	U	2800	U
Aroclor-1262	37324-23-5	ppb	14000	U	22000	U	11000	U	9400	U	25000	U	12000	U	9100	U	25000	U	2800	U
Aroclor-1268	11100-14-4	ppb	14000	U	22000	U	11000	U	9400	U	25000	U	12000	U	9100	U	25000	U	1400	
Beta-BHC	319-85-7	ppb	760	U	4700	U	32		480	U	1300	U	620	U	450	U	1300	U	260	U
Delta-BHC	319-86-8	ppb	760	U	4700	U	2700	U	480	U	1300	U	620	U	450	U	1300	U	260	U
Dieldrin	60-57-1	ppb	1400	U	9400	U	5200	U	940	U	2500	U	1200	U	910	U	2500	U	510	U
Endosulfan I	959-98-8	ppb	760	U	4700	U	2700	U	480	U	1300	U	620	U	450	U	1300	U	260	U
Endosulfan II	33213-65-9	ppb	1400	U	9400	U	5200	U	940	U	2500	U	1200	U	910	U	2500	U	510	U
Endosulfan Sulfate	1031-07-8	ppb	1400	U	9400	U	5200	U	940	U	2500	U	1200	U	910	U	2500	U	510	U
Endrin	72-20-8	ppb	1400	U	9400	U	5200	U	940	U	2500	U	1200	U	910	U	2500	U	510	U
Endrin Aldehyde	7421-93-4	ppb	1400	U	9400	U	5200	U	940	U	2500	U	1200	U	910	U	2500	U	510	U
Endrin Ketone	53494-70-5	ppb	1400	U	9400	U	5200	U	940	U	2500	U	1200	U	910	U	2500	U	510	U
Gamma-BHC (Lindane)	58-89-9	ppb	760	U	4700	U	2700	U	480	U	1300	U	620	U	59		1300	U	260	U
Gamma-Chlordane	5566-34-7	ppb	760	U	4700	U	2700	U	480	U	1300	U	620	U	450	U	1300	U	260	U
Heptachlor	76-44-8	ppb	760	U	4700	U	2700	U	480	U	1300	U	620	U	450	U	1300	U	260	U
Heptachlor Epoxide	1024-57-3	ppb	760	U	4700	U	2700	U	480	U	1300	U	620	U	450	U	1300	U	260	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	7600	U	47000	U	27000	U	4800	U	13000	U	6200	U	4500	U	13000	U	2600	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	760	U	4700	U	2700	U	480	U	1300	U	620	U	450	U	1300	U	260	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	14000		67000		2100		9400	U	180000		100000		73000		21000		1400	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	1400	U	20000		8800		360		3000		3600		2300		18000		510	U
Toxaphene	8001-35-2	ppb	76000	U	470000	U	270000	U	48000	U	130000	U	62000	U	45000	U	130000	U	26000	U

		Location ID	NB01SED020		NB01SED020		NB01SED021		NB01SED021		NB01SED022		NB01SED022		NB01SED022		NB01SED022		NB01SED023	
		Sample Name	NB01SED020A-05		NB01SED020A-06		NB01SED021B-01		NB01SED021B-02		NB01SED022A-01		NB01SED022A-02		NB01SED022A-03		NB01SED022A-04		NB01SED023A-01	
		Date Collected	11/8/2005		11/8/2005		11/20/2005		11/20/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/1/2005	
		Depth	3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	550	U	530	U	1300	U	1800	U	1400	U	840	U	1600		800	U	2800	
4,4'-DDE	72-55-9	ppb	550	U	530	U	1300	U	1800	U	1600	U	1600		2300		3300		2000	
4,4'-DDT	50-29-3	ppb	550	U	77		1300	U	1800	U	1100	U	760	U	760	U	800	U	780	U
Aldrin	309-00-2	ppb	280	U	280	U	720	U	910	U	580	U	400	U	410	U	400	U	410	U
Alpha-BHC	319-84-6	ppb	15		280	U	720	U	910	U	580	U	400	U	410	U	400	U	120	
Alpha-Chlordane	5103-71-9	ppb	280	U	280	U	720	U	910	U	580	U	400	U	410	U	400	U	410	U
Aroclor-1016	12674-11-2	ppb	5500	U	5300	U	13000	U	18000	U	11000	U	7600	U	7900	U	8000	U	7800	U
Aroclor-1221	11104-28-2	ppb	5500	U	5300	U	13000	U	18000	U	11000	U	7600	U	7900	U	8000	U	7800	U
Aroclor-1232	11141-16-5	ppb	5500	U	5300	U	13000	U	18000	U	11000	U	7600	U	7900	U	8000	U	7800	U
Aroclor-1242	53469-21-9	ppb	5500	U	5300	U	13000	U	18000	U	11000	U	7600	U	7900	U	8000	U	7800	U
Aroclor-1248	12672-29-6	ppb	5500	U	5300	U	6700		10000		16000		18000		26000		25000		27000	
Aroclor-1254	11097-69-1	ppb	5500	U	5300	U	6700		9100		22000		22000		29000		29000		23000	
Aroclor-1260	11096-82-5	ppb	5500	U	5300	U	1800		2200		7400		6800		9000		8300		7800	
Aroclor-1262	37324-23-5	ppb	5500	U	5300	U	13000	U	18000	U	11000	U	7600	U	7900	U	8000	U	7800	U
Aroclor-1268	11100-14-4	ppb	5500	U	5300	U	13000	U	18000	U	11000	U	7600	U	7900	U	8000	U	7800	U
Beta-BHC	319-85-7	ppb	28		18		720	U	910	U	580	U	400	U	410	U	400	U	410	U
Delta-BHC	319-86-8	ppb	280	U	280	U	720	U	910	U	680	U	720	U	410	U	400	U	410	U
Dieldrin	60-57-1	ppb	550	U	530	U	1300	U	1800	U	1100	U	760	U	760	U	800	U	780	U
Endosulfan I	959-98-8	ppb	280	U	280	U	720	U	910	U	580	U	400	U	410	U	400	U	410	U
Endosulfan II	33213-65-9	ppb	550	U	530	U	1300	U	1800	U	1100	U	760	U	760	U	800	U	780	U
Endosulfan Sulfate	1031-07-8	ppb	550	U	530	U	1300	U	1800	U	1100	U	760	U	760	U	800	U	780	U
Endrin	72-20-8	ppb	550	U	530	U	1300	U	1800	U	1100	U	760	U	760	U	800	U	780	U
Endrin Aldehyde	7421-93-4	ppb	550	U	530	U	1300	U	1800	U	1100	U	760	U	760	U	800	U	780	U
Endrin Ketone	53494-70-5	ppb	550	U	530	U	1300	U	1800	U	1100	U	760	U	760	U	800	U	780	U
Gamma-BHC (Lindane)	58-89-9	ppb	280	U	280	U	720	U	910	U	580	U	400	U	410	U	400	U	410	U
Gamma-Chlordane	5566-34-7	ppb	280	U	280	U	720	U	910	U	580	U	400	U	410	U	400	U	410	U
Heptachlor	76-44-8	ppb	280	U	280	U	720	U	910	U	580	U	400	U	410	U	400	U	410	U
Heptachlor Epoxide	1024-57-3	ppb	21		11		720	U	910	U	580	U	400	U	410	U	400	U	410	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	2800	U	2800	U	7200	U	9100	U	5800	U	4000	U	4100	U	4000	U	4100	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	280	U	280	U	720	U	910	U	580	U	400	U	410	U	400	U	410	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	5500	U	5300	U	15000		21000		45000		48000		66000		63000		57000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	550	U	77		1300	U	1800	U	1600	U	1600		3800		3300		4800	
Toxaphene	8001-35-2	ppb	28000	U	28000	U	72000	U	91000	U	58000	U	40000	U	41000	U	40000	U	41000	U

		Location ID	NB01SED023		NB01SED023		NB01SED023		NB01SED024		NB01SED024		NB01SED025		NB01SED025		NB01SED025		NB01SED025	
		Sample Name	NB01SED023A-02		NB01SED023A-03		NB01SED023A-04		NB01SED024B-01		NB01SED024B-02		NB01SED025B-01		NB01SED025B-02		NB01SED025B-03		NB01SED025B-04	
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	3900	U	1000	U	3800		930	U	1200	U	22000		380	U	1600	U	1700	U
4,4'-DDE	72-55-9	ppb	4000		3000		14000		1500		1000		1700		380	U	1600	U	1700	U
4,4'-DDT	50-29-3	ppb	3900	U	880	U	36000		870	U	1200	U	2200	U	380	U	1600	U	1700	U
Aldrin	309-00-2	ppb	2000	U	460	U	4200	U	460	U	620	U	1100	U	200	U	860	U	920	U
Alpha-BHC	319-84-6	ppb	2000	U	460	U	4200	U	460	U	620	U	1100	U	200	U	860	U	920	U
Alpha-Chlordane	5103-71-9	ppb	2000	U	460	U	4200	U	460	U	620	U	1100	U	200	U	860	U	920	U
Aroclor-1016	12674-11-2	ppb	16000	U	8800	U	21000	U	8700	U	12000	U	22000	U	3800	U	3300	U	3600	U
Aroclor-1221	11104-28-2	ppb	16000	U	8800	U	21000	U	8700	U	12000	U	22000	U	3800	U	3300	U	3600	U
Aroclor-1232	11141-16-5	ppb	16000	U	8800	U	21000	U	8700	U	12000	U	22000	U	3800	U	3300	U	3600	U
Aroclor-1242	53469-21-9	ppb	16000	U	8800	U	21000	U	8700	U	12000	U	22000	U	3800	U	3300	U	3600	U
Aroclor-1248	12672-29-6	ppb	88000		26000		21000	U	15000		12000		16000		3800	U	3300	U	3600	U
Aroclor-1254	11097-69-1	ppb	48000		18000		21000	U	12000		9200		20000		3800	U	3300	U	3600	U
Aroclor-1260	11096-82-5	ppb	14000		6900		21000	U	4500		12000	U	7500		3800	U	3300	U	3600	U
Aroclor-1262	37324-23-5	ppb	16000	U	8800	U	21000	U	8700	U	12000	U	22000	U	3800	U	3300	U	3600	U
Aroclor-1268	11100-14-4	ppb	16000	U	8800	U	21000	U	8700	U	12000	U	22000	U	1500		1900		1700	
Beta-BHC	319-85-7	ppb	2000	U	460	U	4200	U	160		71		1100	U	200	U	860	U	920	U
Delta-BHC	319-86-8	ppb	2000	U	460	U	4200	U	460	U	620	U	1100	U	25		860	U	920	U
Dieldrin	60-57-1	ppb	3900	U	880	U	8100	U	870	U	1200	U	2200	U	380	U	1600	U	1700	U
Endosulfan I	959-98-8	ppb	2000	U	460	U	4200	U	460	U	620	U	1100	U	200	U	860	U	920	U
Endosulfan II	33213-65-9	ppb	3900	U	880	U	8100	U	870	U	1200	U	2200	U	380	U	1600	U	1700	U
Endosulfan Sulfate	1031-07-8	ppb	3900	U	880	U	8100	U	870	U	1200	U	2200	U	380	U	1600	U	1700	U
Endrin	72-20-8	ppb	3900	U	880	U	8100	U	870	U	1200	U	2200	U	380	U	1600	U	1700	U
Endrin Aldehyde	7421-93-4	ppb	3900	U	880	U	8100	U	870	U	1200	U	2200	U	380	U	1600	U	1700	U
Endrin Ketone	53494-70-5	ppb	3900	U	880	U	8100	U	870	U	1200	U	2200	U	380	U	1600	U	1700	U
Gamma-BHC (Lindane)	58-89-9	ppb	2000	U	460	U	4200	U	460	U	620	U	1100	U	200	U	860	U	920	U
Gamma-Chlordane	5566-34-7	ppb	2000	U	460	U	4200	U	460	U	620	U	1100	U	200	U	860	U	920	U
Heptachlor	76-44-8	ppb	2000	U	460	U	4200	U	460	U	620	U	1100	U	200	U	860	U	920	U
Heptachlor Epoxide	1024-57-3	ppb	2000	U	810	U	4200	U	460	U	620	U	1100	U	200	U	860	U	920	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	20000	U	61000		42000	U	4600	U	6200	U	11000	U	2000	U	8600	U	9200	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	2000	U	460	U	4200	U	460	U	620	U	1100	U	200	U	860	U	920	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	150000		50000		21000	U	31000		21000		44000		1500		1900		1700	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	4000		3000		53000		1500		1000		24000		380	U	1600	U	1700	U
Toxaphene	8001-35-2	ppb	200000	U	46000	U	420000	U	46000	U	62000	U	110000	U	20000	U	86000	U	92000	U

		Location ID	NB01SED025		NB01SED025		NB01SED026		NB01SED026		NB01SED027		NB01SED027		NB01SED027		NB01SED028		NB01SED028	
		Sample Name	NB01SED025B-05		NB01SED025B-06		NB01SED026A-01		NB01SED026A-03		NB01SED027A-01		NB01SED027A-02		NB01SED027A-03		NB01SED028C-01		NB01SED028C-02	
		Date Collected	11/8/2005		11/8/2005		11/2/2005		11/2/2005		11/14/2005		11/14/2005		11/14/2005		11/9/2005		11/9/2005	
		Depth	3.5-5.0		5.0-6.5		0.0-0.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1900	U	22		1200	U	1700	U	1700	U	1800	U	2700	U	950	U	920	U
4,4'-DDE	72-55-9	ppb	1900	U	2500	U	2300		2300		2200		1300		840		1100		1200	
4,4'-DDT	50-29-3	ppb	1900	U	140		1000	U	1600	U	1700	U	1800	U	2900		950	U	920	U
Aldrin	309-00-2	ppb	980	U	1300	U	510	U	810	U	870	U	910	U	1400	U	500	U	480	U
Alpha-BHC	319-84-6	ppb	980	U	43		510	U	810	U	870	U	910	U	1400	U	500	U	480	U
Alpha-Chlordane	5103-71-9	ppb	980	U	1300	U	510	U	810	U	870	U	910	U	1400	U	500	U	480	U
Aroclor-1016	12674-11-2	ppb	3900	U	5100	U	19000	U	16000	U	17000	U	18000	U	27000	U	9500	U	9200	U
Aroclor-1221	11104-28-2	ppb	3900	U	5100	U	19000	U	16000	U	17000	U	18000	U	27000	U	9500	U	9200	U
Aroclor-1232	11141-16-5	ppb	3900	U	5100	U	19000	U	16000	U	17000	U	18000	U	27000	U	9500	U	9200	U
Aroclor-1242	53469-21-9	ppb	3900	U	5100	U	19000	U	16000	U	17000	U	18000	U	27000	U	9500	U	9200	U
Aroclor-1248	12672-29-6	ppb	3900	U	5100	U	120000		54000		11000		8000		12000		13000		15000	
Aroclor-1254	11097-69-1	ppb	3900	U	5100	U	51000		31000		13000		9600		12000		14000		14000	
Aroclor-1260	11096-82-5	ppb	3900	U	5100	U	17000		9600		3400		2200		4000		6400		6400	
Aroclor-1262	37324-23-5	ppb	3900	U	5100	U	19000	U	16000	U	17000	U	18000	U	27000	U	9500	U	9200	U
Aroclor-1268	11100-14-4	ppb	1300		5100	U	19000	U	16000	U	17000	U	18000	U	27000	U	9500	U	9200	U
Beta-BHC	319-85-7	ppb	980	U	46		510	U	810	U	870	U	910	U	1400	U	500	U	480	U
Delta-BHC	319-86-8	ppb	980	U	1300	U	510	U	810	U	420		520		640		500	U	520	U
Dieldrin	60-57-1	ppb	1900	U	2500	U	1000	U	1600	U	1700	U	1800	U	2700	U	950	U	920	U
Endosulfan I	959-98-8	ppb	980	U	1300	U	510	U	810	U	870	U	910	U	1400	U	500	U	480	U
Endosulfan II	33213-65-9	ppb	1900	U	2500	U	1000	U	1600	U	1700	U	1800	U	2700	U	950	U	920	U
Endosulfan Sulfate	1031-07-8	ppb	1900	U	49		1000	U	1600	U	1700	U	1800	U	2700	U	950	U	920	U
Endrin	72-20-8	ppb	1900	U	2500	U	1000	U	1600	U	1700	U	1800	U	2700	U	950	U	920	U
Endrin Aldehyde	7421-93-4	ppb	1900	U	2500	U	1000	U	1600	U	1700	U	1800	U	2700	U	950	U	920	U
Endrin Ketone	53494-70-5	ppb	1900	U	2500	U	1000	U	1600	U	1700	U	1800	U	2700	U	950	U	920	U
Gamma-BHC (Lindane)	58-89-9	ppb	980	U	1300	U	120		810	U	870	U	910	U	1400	U	500	U	480	U
Gamma-Chlordane	5566-34-7	ppb	980	U	1300	U	510	U	810	U	870	U	910	U	1400	U	500	U	480	U
Heptachlor	76-44-8	ppb	980	U	1300	U	510	U	810	U	870	U	910	U	1400	U	500	U	480	U
Heptachlor Epoxide	1024-57-3	ppb	980	U	27		510	U	810	U	870	U	910	U	1400	U	500	U	480	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	9800	U	160		5100	U	8100	U	8700	U	9100	U	14000	U	5000	U	4800	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	980	U	1300	U	510	U	810	U	870	U	910	U	1400	U	500	U	480	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	1300		5100	U	180000		96000		27000		20000		29000		33000		35000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	1900	U	160		2300		2300		2200		1300		3800		1100		1200	
Toxaphene	8001-35-2	ppb	98000	U	130000	U	51000	U	81000	U	87000	U	91000	U	140000	U	50000	U	48000	U

		Location ID	NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029	
		Sample Name	NB01SED028C-03		NB01SED028C-04		NB01SED028C-05		NB01SED028C-06		NB01SED029C-01		NB01SED029C-02		NB01SED029C-03		NB01SED029C-04		NB01SED029C-05	
		Date Collected	11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
		Depth	1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		Y		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1000	U	680	U	3200	U	810	U	1100	U	1300	U	1200	U	3400		900	U
4,4'-DDE	72-55-9	ppb	2400		2900		3300	U	810	U	1400		1100		1100		2500		1500	
4,4'-DDT	50-29-3	ppb	1000	U	680	U	3200	U	240		1100	U	1300	U	1200	U	1000	U	900	U
Aldrin	309-00-2	ppb	520	U	350	U	1600	U	410	U	560	U	640	U	640	U	530	U	480	U
Alpha-BHC	319-84-6	ppb	520	U	350	U	1600	U	410	U	560	U	640	U	640	U	530	U	480	U
Alpha-Chlordane	5103-71-9	ppb	520	U	350	U	1600	U	410	U	560	U	640	U	640	U	530	U	480	U
Aroclor-1016	12674-11-2	ppb	10000	U	6800	U	13000	U	8100	U	11000	U	13000	U	12000	U	10000	U	9000	U
Aroclor-1221	11104-28-2	ppb	10000	U	6800	U	13000	U	8100	U	11000	U	13000	U	12000	U	10000	U	9000	U
Aroclor-1232	11141-16-5	ppb	10000	U	6800	U	13000	U	8100	U	11000	U	13000	U	12000	U	10000	U	9000	U
Aroclor-1242	53469-21-9	ppb	10000	U	6800	U	13000	U	8100	U	11000	U	13000	U	12000	U	10000	U	9000	U
Aroclor-1248	12672-29-6	ppb	25000		44000		72000		3500		8300		9300		10000		13000		14000	
Aroclor-1254	11097-69-1	ppb	23000		38000		57000		2000		11000		11000		12000		15000		14000	
Aroclor-1260	11096-82-5	ppb	9000		13000		14000		8100	U	4400		4300		5100		7400		5500	
Aroclor-1262	37324-23-5	ppb	10000	U	6800	U	13000	U	8100	U	11000	U	13000	U	12000	U	10000	U	9000	U
Aroclor-1268	11100-14-4	ppb	10000	U	6800	U	13000	U	8100	U	11000	U	13000	U	12000	U	10000	U	9000	U
Beta-BHC	319-85-7	ppb	520	U	350	U	1600	U	410	U	560	U	110		100		140		480	U
Delta-BHC	319-86-8	ppb	520	U	350	U	1600	U	71		560	U	210		210		530	U	480	U
Dieldrin	60-57-1	ppb	1000	U	850	U	3200	U	810	U	1100	U	1300	U	1200	U	1000	U	900	U
Endosulfan I	959-98-8	ppb	520	U	350	U	1600	U	410	U	560	U	640	U	640	U	530	U	480	U
Endosulfan II	33213-65-9	ppb	1000	U	680	U	3200	U	810	U	1100	U	1300	U	1200	U	1000	U	900	U
Endosulfan Sulfate	1031-07-8	ppb	1000	U	680	U	3200	U	810	U	1100	U	1300	U	1200	U	1000	U	900	U
Endrin	72-20-8	ppb	1000	U	680	U	3200	U	810	U	1100	U	1300	U	1200	U	1000	U	900	U
Endrin Aldehyde	7421-93-4	ppb	1000	U	680	U	3200	U	810	U	1100	U	1300	U	1200	U	1000	U	900	U
Endrin Ketone	53494-70-5	ppb	1000	U	680	U	3200	U	810	U	1100	U	1300	U	1200	U	1000	U	900	U
Gamma-BHC (Lindane)	58-89-9	ppb	520	U	350	U	1600	U	410	U	560	U	640	U	640	U	530	U	480	U
Gamma-Chlordane	5566-34-7	ppb	520	U	350	U	1600	U	410	U	560	U	640	U	640	U	530	U	480	U
Heptachlor	76-44-8	ppb	520	U	350	U	1600	U	410	U	560	U	640	U	640	U	530	U	480	U
Heptachlor Epoxide	1024-57-3	ppb	520	U	350	U	1600	U	410	U	560	U	640	U	640	U	530	U	480	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	5200	U	3500	U	16000	U	4100	U	5600	U	6400	U	6400	U	5300	U	4800	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	520	U	350	U	1600	U	410	U	560	U	640	U	640	U	530	U	480	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	57000		94000		140000		5700		23000		25000		27000		35000		33000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	2400		2900		3300	U	240		1400		1100		1100		5800		1500	
Toxaphene	8001-35-2	ppb	52000	U	35000	U	160000	U	41000	U	56000	U	64000	U	64000	U	53000	U	48000	U

		Location ID	NB01SED029		NB01SED030		NB01SED030		NB01SED031		NB01SED031		NB01SED031		NB01SED032		NB01SED032		NB01SED032	
		Sample Name	NB01SED029C-06		NB01SED030B-01		NB01SED030B-02		NB01SED031A-01		NB01SED031A-02		NB01SED031A-03		NB01SED032A-01		NB01SED032A-02		NB01SED032A-03	
		Date Collected	11/15/2005		11/15/2005		11/15/2005		11/14/2005		11/14/2005		11/14/2005		11/13/2005		11/13/2005		11/13/2005	
		Depth	4.5-5.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	950	U	1400	U	1200	U	1100	U	1600		810		1000	U	2300	U	1600	U
4,4'-DDE	72-55-9	ppb	2000		1200		840		1500		1800		810		1500		3200		2300	
4,4'-DDT	50-29-3	ppb	950	U	1400	U	1200	U	1100	U	1300				1000	U	2300	U	1600	U
Aldrin	309-00-2	ppb	480	U	720	U	580	U	580	U	610	U	430	U	500	U	1200	U	840	U
Alpha-BHC	319-84-6	ppb	480	U	720	U	580	U	580	U	610	U	430	U	500	U	1200	U	840	U
Alpha-Chlordane	5103-71-9	ppb	480	U	720	U	580	U	580	U	610	U	430	U	500	U	1200	U	840	U
Aroclor-1016	12674-11-2	ppb	9500	U	14000	U	12000	U	11000	U	12000	U	8100	U	10000	U	12000	U	8100	U
Aroclor-1221	11104-28-2	ppb	9500	U	14000	U	12000	U	11000	U	12000	U	8100	U	10000	U	12000	U	8100	U
Aroclor-1232	11141-16-5	ppb	9500	U	14000	U	12000	U	11000	U	12000	U	8100	U	10000	U	12000	U	8100	U
Aroclor-1242	53469-21-9	ppb	9500	U	14000	U	12000	U	11000	U	12000	U	8100	U	10000	U	12000	U	8100	U
Aroclor-1248	12672-29-6	ppb	14000		8500		7900		8900		11000		5200		10000		33000		55000	
Aroclor-1254	11097-69-1	ppb	18000		11000		8400		10000		11000		5700		15000		36000		48000	
Aroclor-1260	11096-82-5	ppb	7100		2400		2400		4200		4700		3100		6400		14000		15000	
Aroclor-1262	37324-23-5	ppb	9500	U	14000	U	12000	U	11000	U	12000	U	8100	U	10000	U	12000	U	8100	U
Aroclor-1268	11100-14-4	ppb	9500	U	14000	U	12000	U	11000	U	12000	U	8100	U	10000	U	12000	U	8100	U
Beta-BHC	319-85-7	ppb	480	U	720	U	580	U	580	U	610	U	430	U	500	U	1200	U	840	U
Delta-BHC	319-86-8	ppb	480	U	180		340		680		610	U	430	U	190		1200	U	840	U
Dieldrin	60-57-1	ppb	950	U	1400	U	1200	U	1100	U	1200	U	810	U	1000	U	2300	U	1600	U
Endosulfan I	959-98-8	ppb	480	U	720	U	580	U	580	U	610	U	430	U	500	U	1200	U	840	U
Endosulfan II	33213-65-9	ppb	950	U	1400	U	1200	U	1100	U	1200	U	810	U	1000	U	2300	U	1600	U
Endosulfan Sulfate	1031-07-8	ppb	950	U	1400	U	1200	U	1100	U	1200	U	810	U	1000	U	2300	U	1600	U
Endrin	72-20-8	ppb	950	U	1400	U	1200	U	1100	U	1200	U	810	U	1000	U	2300	U	1600	U
Endrin Aldehyde	7421-93-4	ppb	950	U	1400	U	1200	U	1100	U	1200	U	810	U	1000	U	2300	U	1600	U
Endrin Ketone	53494-70-5	ppb	950	U	1400	U	1200	U	1100	U	1200	U	810	U	1000	U	2300	U	1600	U
Gamma-BHC (Lindane)	58-89-9	ppb	480	U	720	U	580	U	580	U	610	U	430	U	500	U	1200	U	120	
Gamma-Chlordane	5566-34-7	ppb	480	U	720	U	580	U	580	U	610	U	430	U	500	U	1200	U	840	U
Heptachlor	76-44-8	ppb	480	U	720	U	580	U	580	U	610	U	430	U	500	U	1200	U	840	U
Heptachlor Epoxide	1024-57-3	ppb	480	U	720	U	580	U	580	U	610	U	430	U	500	U	1200	U	840	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	4800	U	7200	U	5800	U	5800	U	6100	U	4300	U	5000	U	12000	U	8400	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	480	U	720	U	580	U	580	U	610	U	430	U	500	U	1200	U	840	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	39000		22000		19000		23000		27000		14000		32000		80000		120000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	2000		1200		840		1500		4600		1600		1500		3200		2300	
Toxaphene	8001-35-2	ppb	48000	U	72000	U	58000	U	58000	U	61000	U	43000	U	50000	U	120000	U	84000	U

		Location ID	NB01SED032		NB01SED033A		NB01SED033A		NB01SED034A		NB01SED034A		NB01SED034A		NB01SED035A		NB01SED036		NB01SED036	
		Sample Name	NB01SED032A-04		NB01SED033AD-01		NB01SED033AD-02		NB01SED034AC-01		NB01SED034AC-02		NB01SED034AC-03		NB01SED035AC-01		NB01SED036F-01		NB01SED036F-02	
		Date Collected	11/13/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		11/27/2005		11/27/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.0-0.5		0.5-1.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1700	U	940		1100		1400	U	1100	U	950	U	2400	U	920	U	450	U
4,4'-DDE	72-55-9	ppb	4200		880		650		1400		840		1100		1400		920	U	450	U
4,4'-DDT	50-29-3	ppb	1700	U	4200		3600		1400	U	1100	U	950	U	2400	U	920	U	450	U
Aldrin	309-00-2	ppb	880	U	550	U	1100	U	680	U	560	U	500	U	1200	U	480	U	230	U
Alpha-BHC	319-84-6	ppb	880	U	550	U	1100	U	680	U	560	U	500	U	1200	U	480	U	230	U
Alpha-Chlordane	5103-71-9	ppb	880	U	550	U	1100	U	680	U	560	U	500	U	1200	U	480	U	230	U
Aroclor-1016	12674-11-2	ppb	17000	U	11000	U	11000	U	14000	U	11000	U	9500	U	12000	U	4600	U	2200	U
Aroclor-1221	11104-28-2	ppb	17000	U	11000	U	11000	U	14000	U	11000	U	9500	U	12000	U	4600	U	2200	U
Aroclor-1232	11141-16-5	ppb	17000	U	11000	U	11000	U	14000	U	11000	U	9500	U	12000	U	4600	U	2200	U
Aroclor-1242	53469-21-9	ppb	17000	U	11000	U	11000	U	14000	U	11000	U	9500	U	12000	U	4600	U	2200	U
Aroclor-1248	12672-29-6	ppb	110000		8200		12000		10000		11000		12000		12000		20000		5200	
Aroclor-1254	11097-69-1	ppb	92000		7100		8000		9500		7900		9500		12000		31000		10000	
Aroclor-1260	11096-82-5	ppb	24000		3400		4100		3300		2700		3800		5200		15000		4800	
Aroclor-1262	37324-23-5	ppb	17000	U	11000	U	11000	U	14000	U	11000	U	9500	U	12000	U	4600	U	2200	U
Aroclor-1268	11100-14-4	ppb	17000	U	11000	U	11000	U	14000	U	11000	U	9500	U	12000	U	4600	U	2200	U
Beta-BHC	319-85-7	ppb	880	U	550	U	1100	U	680	U	560	U	500	U	1200	U	480	U	230	U
Delta-BHC	319-86-8	ppb	880	U	240		1100	U	250		560	U	500	U	280		480	U	230	U
Dieldrin	60-57-1	ppb	1800	U	1100	U	2200	U	1400	U	1100	U	950	U	2400	U	920	U	450	U
Endosulfan I	959-98-8	ppb	880	U	550	U	1100	U	680	U	560	U	500	U	1200	U	480	U	230	U
Endosulfan II	33213-65-9	ppb	1700	U	1100	U	2200	U	1400	U	1100	U	950	U	2400	U	920	U	450	U
Endosulfan Sulfate	1031-07-8	ppb	1700	U	1100	U	2200	U	1400	U	1100	U	950	U	2400	U	920	U	450	U
Endrin	72-20-8	ppb	1700	U	1100	U	2200	U	1400	U	1100	U	950	U	2400	U	920	U	450	U
Endrin Aldehyde	7421-93-4	ppb	1700	U	1100	U	2200	U	1400	U	1100	U	950	U	2400	U	920	U	450	U
Endrin Ketone	53494-70-5	ppb	1700	U	1100	U	2200	U	1400	U	1100	U	950	U	2400	U	920	U	450	U
Gamma-BHC (Lindane)	58-89-9	ppb	170		550	U	1100	U	680	U	560	U	500	U	1200	U	480	U	230	U
Gamma-Chlordane	5566-34-7	ppb	880	U	550	U	1100	U	680	U	560	U	500	U	1200	U	480	U	230	U
Heptachlor	76-44-8	ppb	880	U	550	U	1100	U	680	U	560	U	500	U	1200	U	480	U	230	U
Heptachlor Epoxide	1024-57-3	ppb	880	U	550	U	1100	U	680	U	560	U	500	U	1200	U	480	U	230	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	8800	U	5500	U	11000	U	6800	U	5600	U	5000	U	12000	U	4800	U	2300	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	880	U	550	U	1100	U	680	U	560	U	500	U	1200	U	480	U	230	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	230000		19000		24000		23000		22000		25000		30000		66000		20000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	4200		5900		5500		1400		840		1100		1400		920	U	450	U
Toxaphene	8001-35-2	ppb	88000	U	55000	U	110000	U	68000	U	56000	U	50000	U	120000	U	48000	U	23000	U

		Location ID	NB01SED036		NB01SED037		NB01SED037		NB01SED037		NB01SED037		NB01SED038		NB01SED038		NB01SED038		NB01SED038	
		Sample Name	NB01SED036F-03		NB01SED037C-01		NB01SED037C-02		NB01SED037C-03		NB01SED037C-04		NB01SED038A-01		NB01SED038A-02		NB01SED038A-03		NB01SED038A-04	
		Date Collected	11/27/2005		11/14/2005		11/14/2005		11/14/2005		11/14/2005		11/20/2005		11/20/2005		11/20/2005		11/20/2005	
		Depth	1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		Y	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	310		1800	U	3100	U	5200	U	1500	U	1800	U	1800	U	1400	U	2500	U
4,4'-DDE	72-55-9	ppb	320		2500		3300		13000		130		1800	U	1800	U	1400	U	2500	U
4,4'-DDT	50-29-3	ppb			1400	U	3100	U	5200	U	1500	U	1800	U	1800	U	1400	U	2500	U
Aldrin	309-00-2	ppb	130	U	720	U	1600	U	2600	U	760	U	920	U	910	U	760	U	1300	U
Alpha-BHC	319-84-6	ppb	130	U	720	U	1600	U	2600	U	760	U	920	U	910	U	760	U	1300	U
Alpha-Chlordane	5103-71-9	ppb	130	U	720	U	1600	U	2600	U	760	U	920	U	910	U	760	U	1300	U
Aroclor-1016	12674-11-2	ppb	2600	U	14000	U	13000	U	20000	U	15000	U	18000	U	18000	U	14000	U	25000	U
Aroclor-1221	11104-28-2	ppb	2600	U	14000	U	13000	U	20000	U	15000	U	18000	U	18000	U	14000	U	25000	U
Aroclor-1232	11141-16-5	ppb	2600	U	14000	U	13000	U	20000	U	15000	U	18000	U	18000	U	14000	U	25000	U
Aroclor-1242	53469-21-9	ppb	2600	U	14000	U	13000	U	20000	U	15000	U	18000	U	18000	U	14000	U	25000	U
Aroclor-1248	12672-29-6	ppb	5200		18000		44000		60000		15000	U	18000	U	18000	U	14000	U	25000	U
Aroclor-1254	11097-69-1	ppb	6800		26000		42000		64000		15000	U	5500		18000	U	14000	U	25000	U
Aroclor-1260	11096-82-5	ppb	3100		10000		12000		18000		15000	U	18000	U	18000	U	14000	U	25000	U
Aroclor-1262	37324-23-5	ppb	2600	U	14000	U	13000	U	20000	U	15000	U	18000	U	18000	U	14000	U	25000	U
Aroclor-1268	11100-14-4	ppb	2600	U	14000	U	13000	U	20000	U	15000	U	18000	U	18000	U	14000	U	25000	U
Beta-BHC	319-85-7	ppb	130	U	720	U	1600	U	2600	U	760	U	920	U	910	U	760	U	1300	U
Delta-BHC	319-86-8	ppb	130	U	720	U	1600	U	2600	U	760	U	920	U	910	U	760	U	1300	U
Dieldrin	60-57-1	ppb	260	U	1400	U	3100	U	5200	U	1500	U	1800	U	1800	U	1400	U	2500	U
Endosulfan I	959-98-8	ppb	130	U	720	U	1600	U	2600	U	760	U	920	U	910	U	760	U	1300	U
Endosulfan II	33213-65-9	ppb	260	U	1400	U	3100	U	5200	U	1500	U	1800	U	1800	U	1400	U	2500	U
Endosulfan Sulfate	1031-07-8	ppb	260	U	1400	U	3100	U	5200	U	1500	U	1800	U	1800	U	1400	U	2500	U
Endrin	72-20-8	ppb	260	U	1400	U	3100	U	5200	U	1500	U	1800	U	1800	U	1400	U	2500	U
Endrin Aldehyde	7421-93-4	ppb	260	U	1400	U	3100	U	5200	U	1500	U	1800	U	1800	U	1400	U	2500	U
Endrin Ketone	53494-70-5	ppb	260	U	1400	U	3100	U	5200	U	1500	U	1800	U	1800	U	1400	U	2500	U
Gamma-BHC (Lindane)	58-89-9	ppb	130	U	720	U	1600	U	2600	U	760	U	920	U	910	U	760	U	1300	U
Gamma-Chlordane	5566-34-7	ppb	130	U	720	U	1600	U	2600	U	760	U	920	U	910	U	760	U	1300	U
Heptachlor	76-44-8	ppb	130	U	720	U	1600	U	2600	U	760	U	920	U	910	U	760	U	1300	U
Heptachlor Epoxide	1024-57-3	ppb	130	U	720	U	1600	U	2600	U	760	U	920	U	910	U	760	U	1300	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1300	U	7200	U	16000	U	26000	U	7600	U	9200	U	9100	U	7600	U	13000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	130	U	720	U	1600	U	2600	U	760	U	920	U	910	U	760	U	1300	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	15000		54000		100000		140000		15000	U	5500		18000	U	14000	U	25000	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	650		2500		3300		13000		130		1800	U	1800	U	1400	U	2500	U
Toxaphene	8001-35-2	ppb	13000	U	72000	U	160000	U	260000	U	76000	U	92000	U	91000	U	76000	U	130000	U

		Location ID	NB01SED039		NB01SED039		NB01SED039		NB01SED039		NB01SED040		NB01SED040		NB01SED040		NB01SED040		NB01SED041	
		Sample Name	NB01SED039A-01		NB01SED039A-02		NB01SED039A-03		NB01SED039A-04		NB01SED040A-01		NB01SED040A-02		NB01SED040A-03		NB01SED040A-04		NB01SED041A-01	
		Date Collected	11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	780	U	600	U	590	U	750	U	1000	U	1300	U	48		540	U	1100	U
4,4'-DDE	72-55-9	ppb	890		410		590	U	750	U	1000	U	1300	U	590	U	540	U	2500	
4,4'-DDT	50-29-3	ppb	610	U	600	U	69		750	U	240		220		76		29		11000	
Aldrin	309-00-2	ppb	300	U	310	U	300	U	390	U	530	U	630	U	310	U	270	U	520	U
Alpha-BHC	319-84-6	ppb	300	U	310	U	300	U	390	U	530	U	56		310	U	270	U	93	
Alpha-Chlordane	5103-71-9	ppb	300	U	310	U	300	U	390	U	530	U	630	U	310	U	270	U	520	U
Aroclor-1016	12674-11-2	ppb	8900	U	9000	U	18000	U	22000	U	5100	U	6300	U	5900	U	5400	U	10000	U
Aroclor-1221	11104-28-2	ppb	8900	U	9000	U	18000	U	22000	U	5100	U	6300	U	5900	U	5400	U	10000	U
Aroclor-1232	11141-16-5	ppb	8900	U	9000	U	18000	U	22000	U	5100	U	6300	U	5900	U	5400	U	10000	U
Aroclor-1242	53469-21-9	ppb	8900	U	9000	U	18000	U	22000	U	5100	U	6300	U	5900	U	5400	U	10000	U
Aroclor-1248	12672-29-6	ppb	8300		1700		18000	U	22000	U	5100	U	6300	U	5900	U	5400	U	8700	
Aroclor-1254	11097-69-1	ppb	10000		3300		18000	U	22000	U	5100	U	6300	U	5900	U	5400	U	15000	
Aroclor-1260	11096-82-5	ppb	4500		9000	U	18000	U	22000	U	5100	U	6300	U	5900	U	5400	U	6700	
Aroclor-1262	37324-23-5	ppb	8900	U	9000	U	18000	U	22000	U	5100	U	6300	U	5900	U	5400	U	10000	U
Aroclor-1268	11100-14-4	ppb	8900	U	9000	U	18000	U	22000	U	5100	U	6300	U	5900	U	5400	U	10000	U
Beta-BHC	319-85-7	ppb	140		43		300	U	390	U	530	U	630	U	310	U	270	U	520	U
Delta-BHC	319-86-8	ppb	300	U	310	U	300	U	390	U	530	U	630	U	310	U	270	U	93	
Dieldrin	60-57-1	ppb	610	U	600	U	590	U	750	U	1000	U	1300	U	590	U	540	U	1000	U
Endosulfan I	959-98-8	ppb	300	U	310	U	300	U	390	U	530	U	630	U	38		270	U	520	U
Endosulfan II	33213-65-9	ppb	610	U	600	U	590	U	750	U	1000	U	1300	U	590	U	540	U	1000	U
Endosulfan Sulfate	1031-07-8	ppb	610	U	600	U	88		750	U	1000	U	1300	U	590	U	540	U	1000	U
Endrin	72-20-8	ppb	610	U	600	U	590	U	750	U	24		1300	U	79		80		1000	U
Endrin Aldehyde	7421-93-4	ppb	610	U	600	U	590	U	750	U	1000	U	1300	U	590	U	540	U	1000	U
Endrin Ketone	53494-70-5	ppb	610	U	600	U	590	U	750	U	1000	U	1300	U	590	U	540	U	1000	U
Gamma-BHC (Lindane)	58-89-9	ppb	300	U	310	U	300	U	390	U	530	U	630	U	310	U	270	U	520	U
Gamma-Chlordane	5566-34-7	ppb	300	U	310	U	300	U	390	U	530	U	630	U	310	U	270	U	520	U
Heptachlor	76-44-8	ppb	300	U	310	U	300	U	390	U	530	U	630	U	310	U	270	U	520	U
Heptachlor Epoxide	1024-57-3	ppb	300	U	310	U	300	U	390	U	45		31		310	U	20		520	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	3000	U	3100	U	3000	U	3900	U	250		280		3100	U	2700	U	5200	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	300	U	310	U	300	U	390	U	530	U	630	U	310	U	270	U	520	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	23000		5000		18000	U	22000	U	5100	U	6300	U	5900	U	5400	U	30000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	890		410		69		750	U	240		220		120		29		13000	
Toxaphene	8001-35-2	ppb	30000	U	31000	U	30000	U	39000	U	53000	U	63000	U	31000	U	27000	U	52000	U

		Location ID	NB01SED041		NB01SED041		NB01SED041		NB01SED042		NB01SED042		NB01SED042		NB01SED043		NB01SED043		NB01SED043	
		Sample Name	NB01SED041A-02		NB01SED041A-03		NB01SED041A-04		NB01SED042B-01		NB01SED042B-02		NB01SED042B-03		NB01SED043C-01		NB01SED043C-02		NB01SED043C-03	
		Date Collected	11/15/2005		11/15/2005		11/15/2005		12/5/2005		12/5/2005		12/5/2005		11/20/2005		11/20/2005		11/20/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.8	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1000	U	670	U	1100	U	1500	U	1800	U	1200	U	1100	U	880	U	1300	U
4,4'-DDE	72-55-9	ppb	1000	U	670	U	1100	U	2300		2300		1300		1100	U	1000		1600	
4,4'-DDT	50-29-3	ppb	1000	U	670	U	1100	U	1500	U	1800	U	1200	U	1100	U	880	U	1300	U
Aldrin	309-00-2	ppb	530	U	350	U	550	U	750	U	910	U	630	U	590	U	460	U	670	U
Alpha-BHC	319-84-6	ppb	530	U	86		180		750	U	910	U	630	U	590	U	460	U	670	U
Alpha-Chlordane	5103-71-9	ppb	530	U	350	U	550	U	750	U	910	U	630	U	590	U	460	U	670	U
Aroclor-1016	12674-11-2	ppb	5100	U	3300	U	5500	U	15000	U	18000	U	12000	U	11000	U	8800	U	13000	U
Aroclor-1221	11104-28-2	ppb	5100	U	3300	U	5500	U	15000	U	18000	U	12000	U	11000	U	8800	U	13000	U
Aroclor-1232	11141-16-5	ppb	5100	U	3300	U	5500	U	15000	U	18000	U	12000	U	11000	U	8800	U	13000	U
Aroclor-1242	53469-21-9	ppb	5100	U	3300	U	5500	U	15000	U	18000	U	12000	U	11000	U	8800	U	13000	U
Aroclor-1248	12672-29-6	ppb	5100	U	3300	U	5500	U	23000		15000		11000		6900		13000		23000	
Aroclor-1254	11097-69-1	ppb	4900		3300	U	5500	U	13000		12000		8900		8800		13000		18000	
Aroclor-1260	11096-82-5	ppb	5100	U	3300	U	5500	U	5500		4900		4200		2900		5400		8100	
Aroclor-1262	37324-23-5	ppb	5100	U	3300	U	5500	U	15000	U	18000	U	12000	U	11000	U	8800	U	13000	U
Aroclor-1268	11100-14-4	ppb	3600		2200		1300		15000	U	18000	U	12000	U	11000	U	8800	U	13000	U
Beta-BHC	319-85-7	ppb	530	U	350	U	550	U	750	U	910	U	630	U	590	U	460	U	670	U
Delta-BHC	319-86-8	ppb	530	U	350	U	550	U	750	U	910	U	630	U	590	U	460	U	670	U
Dieldrin	60-57-1	ppb	1000	U	670	U	1100	U	1500	U	1800	U	1200	U	1100	U	880	U	1300	U
Endosulfan I	959-98-8	ppb	530	U	350	U	550	U	750	U	910	U	630	U	590	U	460	U	670	U
Endosulfan II	33213-65-9	ppb	1000	U	670	U	1100	U	1500	U	1800	U	1200	U	1100	U	880	U	1300	U
Endosulfan Sulfate	1031-07-8	ppb	1000	U	670	U	1100	U	1500	U	550		360		1100	U	880	U	1300	U
Endrin	72-20-8	ppb	1000	U	670	U	1100	U	1500	U	1800	U	1200	U	1100	U	880	U	1300	U
Endrin Aldehyde	7421-93-4	ppb	1000	U	670	U	1100	U	1500	U	1800	U	1200	U	1100	U	880	U	1300	U
Endrin Ketone	53494-70-5	ppb	1000	U	670	U	1100	U	1500	U	1800	U	1200	U	1100	U	880	U	1300	U
Gamma-BHC (Lindane)	58-89-9	ppb	530	U	350	U	550	U	750	U	910	U	630	U	590	U	460	U	670	U
Gamma-Chlordane	5566-34-7	ppb	530	U	350	U	550	U	750	U	1000	U	630	U	590	U	460	U	670	U
Heptachlor	76-44-8	ppb	530	U	350	U	550	U	750	U	910	U	630	U	590	U	460	U	670	U
Heptachlor Epoxide	1024-57-3	ppb	530	U	350	U	550	U	750	U	910	U	630	U	590	U	460	U	670	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	5300	U	3500	U	5500	U	7500	U	9100	U	6300	U	5900	U	4600	U	6700	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	530	U	350	U	550	U	750	U	1000	U	630	U	590	U	460	U	670	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	8500		2200		1300		42000		31000		24000		19000		30000		50000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	1000	U	670	U	1100	U	2300		2300		1300		1100	U	1000		1600	
Toxaphene	8001-35-2	ppb	53000	U	35000	U	55000	U	75000	U	91000	U	63000	U	59000	U	46000	U	67000	U

		Location ID	NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED045		NB01SED045		NB01SED045	
		Sample Name	NB01SED044A-01		NB01SED044A-02		NB01SED044A-03		NB01SED044A-04		NB01SED044A-05		NB01SED044A-06		NB01SED045B-01		NB01SED045B-02		NB01SED045B-03	
		Date Collected	11/27/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005		12/6/2005		12/6/2005		12/6/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	480	U	520	U	1000	U	1200	U	1100	U	2300	U	1800		1100	U	1100	U
4,4'-DDE	72-55-9	ppb	840		1500		2100		3000		2600		4300		2600		1100	U	1100	U
4,4'-DDT	50-29-3	ppb													1500	U	140		1100	U
Aldrin	309-00-2	ppb	250	U	260	U	510	U	600	U	570	U	1200	U	760	U	570	U	600	U
Alpha-BHC	319-84-6	ppb	250	U	26		510	U	600	U	570	U	1200	U	760	U	13		600	U
Alpha-Chlordane	5103-71-9	ppb	250	U	260	U	510	U	600	U	570	U	1200	U	760	U	570	U	600	U
Aroclor-1016	12674-11-2	ppb	2400	U	2500	U	10000	U	12000	U	22000	U	23000	U	7600	U	5300	U	11000	U
Aroclor-1221	11104-28-2	ppb	2400	U	2500	U	10000	U	12000	U	22000	U	23000	U	7600	U	5300	U	11000	U
Aroclor-1232	11141-16-5	ppb	2400	U	2500	U	10000	U	12000	U	22000	U	23000	U	7600	U	5300	U	11000	U
Aroclor-1242	53469-21-9	ppb	2400	U	2500	U	29000		40000		22000	U	100000		7600	U	5300	U	11000	U
Aroclor-1248	12672-29-6	ppb	8700		17000		10000	U	12000	U	110000		23000	U	6200		5300	U	11000	U
Aroclor-1254	11097-69-1	ppb	9300		18000		29000		47000		52000		75000		7600		5300	U	11000	U
Aroclor-1260	11096-82-5	ppb	3500		6500		9500		19000		15000		18000		3300		5300	U	11000	U
Aroclor-1262	37324-23-5	ppb	2400	U	2500	U	10000	U	12000	U	22000	U	23000	U	7600	U	5300	U	11000	U
Aroclor-1268	11100-14-4	ppb	2400	U	2500	U	10000	U	12000	U	22000	U	23000	U	7600	U	300		11000	U
Beta-BHC	319-85-7	ppb	250	U	260	U	510	U	600	U	570	U	1200	U	760	U	18		600	U
Delta-BHC	319-86-8	ppb	250	U	260	U	510	U	600	U	570	U	1200	U	760	U	570	U	600	U
Dieldrin	60-57-1	ppb	480	U	520	U	1000	U	1200	U	1100	U	2300	U	1500	U	1100	U	1100	U
Endosulfan I	959-98-8	ppb	250	U	260	U	510	U	600	U	570	U	1200	U	760	U	570	U	600	U
Endosulfan II	33213-65-9	ppb	480	U	520	U	1000	U	1200	U	1100	U	2300	U	1500	U	1100	U	1100	U
Endosulfan Sulfate	1031-07-8	ppb	480	U	520	U	1000	U	1200	U	1100	U	2300	U	1500	U	1100	U	1100	U
Endrin	72-20-8	ppb	480	U	520	U	1000	U	1200	U	1100	U	2300	U	1500	U	1100	U	1100	U
Endrin Aldehyde	7421-93-4	ppb	480	U	520	U	1000	U	1200	U	1100	U	2300	U	1500	U	1100	U	1100	U
Endrin Ketone	53494-70-5	ppb	480	U	520	U	1000	U	1200	U	1100	U	2300	U	1500	U	1100	U	1100	U
Gamma-BHC (Lindane)	58-89-9	ppb	250	U	260	U	510	U	600	U	570	U	1200	U	760	U	570	U	600	U
Gamma-Chlordane	5566-34-7	ppb	250	U	260	U	510	U	600	U	570	U	1200	U	760	U	570	U	600	U
Heptachlor	76-44-8	ppb	250	U	260	U	510	U	600	U	570	U	1200	U	760	U	570	U	600	U
Heptachlor Epoxide	1024-57-3	ppb	250	U	290	U	510	U	600	U	570	U	1200	U	760	U	12		600	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	2500	U	2600	U	5100	U	6000	U	5700	U	12000	U	7600	U	5700	U	6000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	250	U	260	U	510	U	600	U	570	U	1200	U	760	U	570	U	600	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	21000		42000		68000		110000		180000		190000		17000		300		11000	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	840		1500		2100		3000		2600		4300		4400		140		1100	U
Toxaphene	8001-35-2	ppb	25000	U	26000	U	51000	U	60000	U	57000	U	120000	U	76000	U	57000	U	60000	U

Table B-7
TOC-Normalized Pesticides

		Location ID	NB01SED045		NB01SED045		NB01SED045		NB01SED046		NB01SED046		NB01SED046		NB01SED047		NB01SED047		NB01SED047	
		Sample Name	NB01SED045B-04		NB01SED045B-05		NB01SED045B-06		NB01SED046E-01		NB01SED046E-02		NB01SED046E-03		NB01SED047A-01		NB01SED047A-02		NB01SED047A-03	
		Date Collected	12/6/2005		12/6/2005		12/6/2005		12/5/2005		12/5/2005		12/5/2005		11/17/2005		11/17/2005		11/17/2005	
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1700	U	1000	U	1300	U	1200	U	1000	U	2600	U	1400	U	1600	U	2100	U
4,4'-DDE	72-55-9	ppb	1700	U	1000	U	1300	U	2200		3800		4800		2000		2600		4700	
4,4'-DDT	50-29-3	ppb	1700	U	1000	U	1300	U	1000	U	1000	U	2600	U	1400	U	1600	U	2100	U
Aldrin	309-00-2	ppb	890	U	510	U	680	U	520	U	500	U	1300	U	750	U	830	U	1100	U
Alpha-BHC	319-84-6	ppb	890	U	510	U	680	U	89		500	U	1300	U	750	U	830	U	1100	U
Alpha-Chlordane	5103-71-9	ppb	890	U	510	U	680	U	520	U	500	U	1300	U	750	U	830	U	1100	U
Aroclor-1016	12674-11-2	ppb	17000	U	10000	U	13000	U	10000	U	10000	U	13000	U	8600	U	9600	U	13000	U
Aroclor-1221	11104-28-2	ppb	17000	U	10000	U	13000	U	10000	U	10000	U	13000	U	8600	U	9600	U	13000	U
Aroclor-1232	11141-16-5	ppb	17000	U	10000	U	13000	U	10000	U	10000	U	13000	U	8600	U	9600	U	13000	U
Aroclor-1242	53469-21-9	ppb	17000	U	10000	U	13000	U	10000	U	10000	U	13000	U	8600	U	9600	U	13000	U
Aroclor-1248	12672-29-6	ppb	17000	U	10000	U	13000	U	17000		50000		38000		14000		26000		33000	
Aroclor-1254	11097-69-1	ppb	17000	U	10000	U	13000	U	7900		18000		17000		14000		18000		29000	
Aroclor-1260	11096-82-5	ppb	17000	U	10000	U	13000	U	4700		5800		8300		6100		7900		13000	
Aroclor-1262	37324-23-5	ppb	17000	U	10000	U	13000	U	10000	U	10000	U	13000	U	8600	U	9600	U	13000	U
Aroclor-1268	11100-14-4	ppb	17000	U	10000	U	13000	U	10000	U	10000	U	13000	U	8600	U	9600	U	13000	U
Beta-BHC	319-85-7	ppb	890	U	510	U	680	U	160		500	U	1300	U	750	U	830	U	1100	U
Delta-BHC	319-86-8	ppb	890	U	510	U	680	U	520	U	500	U	1300	U	750	U	830	U	1100	U
Dieldrin	60-57-1	ppb	1700	U	1000	U	1300	U	1000	U	1000	U	2600	U	1400	U	1600	U	2100	U
Endosulfan I	959-98-8	ppb	890	U	510	U	680	U	520	U	500	U	1300	U	750	U	830	U	1100	U
Endosulfan II	33213-65-9	ppb	1700	U	1000	U	1300	U	1000	U	1000	U	2600	U	1400	U	1600	U	2100	U
Endosulfan Sulfate	1031-07-8	ppb	1700	U	1000	U	1300	U	1000	U	1000	U	2600	U	1400	U	1600	U	2100	U
Endrin	72-20-8	ppb	1700	U	1000	U	1300	U	1000	U	1000	U	2600	U	1400	U	1600	U	2100	U
Endrin Aldehyde	7421-93-4	ppb	1700	U	1000	U	1300	U	1000	U	1000	U	2600	U	1400	U	1600	U	2100	U
Endrin Ketone	53494-70-5	ppb	1700	U	1000	U	1300	U	1000	U	1000	U	2600	U	1400	U	1600	U	2100	U
Gamma-BHC (Lindane)	58-89-9	ppb	890	U	510	U	680	U	520	U	120		1300	U	750	U	830	U	1100	U
Gamma-Chlordane	5566-34-7	ppb	890	U	510	U	680	U	580	U	1100	U	1300	U	750	U	830	U	1100	U
Heptachlor	76-44-8	ppb	890	U	510	U	680	U	520	U	500	U	1300	U	750	U	830	U	1100	U
Heptachlor Epoxide	1024-57-3	ppb	890	U	510	U	680	U	520	U	630	U	1300	U	750	U	830	U	1100	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	8900	U	5100	U	6800	U	5200	U	5000	U	13000	U	7500	U	8300	U	11000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	890	U	510	U	680	U	580	U	1100	U	1300	U	750	U	830	U	1100	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	17000	U	10000	U	13000	U	30000		75000		63000		34000		54000		73000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	1700	U	1000	U	1300	U	2200		3800		4800		2000		2600		4700	
Toxaphene	8001-35-2	ppb	89000	U	51000	U	68000	U	52000	U	50000	U	130000	U	75000	U	83000	U	110000	U

		Location ID	NB01SED048		NB01SED048		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED050	
		Sample Name	NB01SED048A-01		NB01SED048A-02		NB01SED049C-01		NB01SED049C-02		NB01SED049C-03		NB01SED049C-04		NB01SED049C-05		NB01SED049C-06		NB01SED050A-01	
		Date Collected	11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		12/4/2005	
		Depth	0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	910	U	780	U	1900	U	3900	U	1600	U	2300	U	1600	U	970	U	670	
4,4'-DDE	72-55-9	ppb	1400		1200		1600		3100		1500		1600		1200		1600		490	
4,4'-DDT	50-29-3	ppb	1400	U	780	U	1100	U	1200	U	980	U	960	U	1000	U	970	U	1300	U
Aldrin	309-00-2	ppb	380	U	390	U	590	U	610	U	500	U	490	U	540	U	500	U	650	U
Alpha-BHC	319-84-6	ppb	380	U	390	U	63		150		320		260		59		500	U	650	U
Alpha-Chlordane	5103-71-9	ppb	380	U	390	U	590	U	670	U	500	U	1200	U	540	U	500	U	650	U
Aroclor-1016	12674-11-2	ppb	11000	U	11000	U	6800	U	14000	U	5900	U	5800	U	6200	U	29000	U	13000	U
Aroclor-1221	11104-28-2	ppb	11000	U	11000	U	6800	U	14000	U	5900	U	5800	U	6200	U	29000	U	13000	U
Aroclor-1232	11141-16-5	ppb	11000	U	11000	U	6800	U	14000	U	5900	U	5800	U	6200	U	29000	U	13000	U
Aroclor-1242	53469-21-9	ppb	11000	U	11000	U	6800	U	14000	U	27000		28000		6200	U	29000	U	13000	U
Aroclor-1248	12672-29-6	ppb	13000		19000		34000		78000		5900	U	5800	U	24000		50000		2200	
Aroclor-1254	11097-69-1	ppb	14000		16000		31000		64000		39000		39000		25000		50000		3600	
Aroclor-1260	11096-82-5	ppb	5700		7200		16000		31000		21000		19000		13000		26000		13000	U
Aroclor-1262	37324-23-5	ppb	11000	U	11000	U	6800	U	14000	U	5900	U	5800	U	6200	U	29000	U	13000	U
Aroclor-1268	11100-14-4	ppb	11000	U	11000	U	6800	U	14000	U	5900	U	5800	U	6200	U	29000	U	13000	U
Beta-BHC	319-85-7	ppb	380	U	390	U	590	U	610	U	500	U	330		310		150		650	U
Delta-BHC	319-86-8	ppb	380	U	390	U	590	U	610	U	500	U	490	U	540	U	500	U	650	U
Dieldrin	60-57-1	ppb	740	U	780	U	1200	U	2300	U	1000	U	1100	U	1000	U	970	U	1300	U
Endosulfan I	959-98-8	ppb	380	U	390	U	590	U	610	U	500	U	490	U	540	U	500	U	650	U
Endosulfan II	33213-65-9	ppb	740	U	780	U	1100	U	1200	U	980	U	960	U	1000	U	970	U	1300	U
Endosulfan Sulfate	1031-07-8	ppb	740	U	780	U	1100	U	1200	U	980	U	960	U	1000	U	970	U	1300	U
Endrin	72-20-8	ppb	740	U	780	U	1100	U	1200	U	980	U	960	U	1000	U	970	U	1300	U
Endrin Aldehyde	7421-93-4	ppb	740	U	780	U	1100	U	1200	U	980	U	960	U	1000	U	970	U	1300	U
Endrin Ketone	53494-70-5	ppb	740	U	780	U	1100	U	1200	U	980	U	960	U	1000	U	970	U	1300	U
Gamma-BHC (Lindane)	58-89-9	ppb	380	U	390	U	590	U	610	U	500	U	490	U	540	U	500	U	650	U
Gamma-Chlordane	5566-34-7	ppb	480	U	610	U	590	U	610	U	550	U	820	U	540	U	500	U	650	U
Heptachlor	76-44-8	ppb	380	U	390	U	590	U	610	U	500	U	490	U	540	U	500	U	650	U
Heptachlor Epoxide	1024-57-3	ppb	380	U	390	U	590	U	610	U	500	U	490	U	540	U	500	U	650	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	3800	U	3900	U	5900	U	6100	U	5000	U	4900	U	5400	U	5000	U	6500	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	480	U	610	U	590	U	670	U	550	U	1200	U	540	U	500	U	650	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	33000		42000		81000		170000		86000		86000		62000		130000		5800	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	1400		1200		1600		3100		1500		1600		1200		1600		1200	
Toxaphene	8001-35-2	ppb	38000	U	39000	U	59000	U	61000	U	50000	U	49000	U	54000	U	50000	U	65000	U

		Location ID	NB01SED050		NB01SED050		NB01SED050		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051	
		Sample Name	NB01SED050A-02		NB01SED050A-03		NB01SED050A-04		NB01SED051D-01		NB01SED051D-02		NB01SED051D-03		NB01SED051D-04		NB01SED051D-05		NB01SED051D-06	
		Date Collected	12/4/2005		12/4/2005		12/4/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1200	U	1400	U	1800	U	1000	U	1200	U	1700	U	2000	U	3200	U	4400	U
4,4'-DDE	72-55-9	ppb	1200	U	1400	U	1800	U	1600		2600		5200		5400		5300		6000	
4,4'-DDT	50-29-3	ppb	1200	U	1400	U	1800	U	820	U	1200	U	1700	U	2000	U	3200	U	4400	U
Aldrin	309-00-2	ppb	590	U	720	U	950	U	430	U	620	U	850	U	1100	U	1600	U	2300	U
Alpha-BHC	319-84-6	ppb	590	U	720	U	950	U	430	U	79		850	U	1100	U	1600	U	2300	U
Alpha-Chlordane	5103-71-9	ppb	590	U	720	U	950	U	430	U	620	U	850	U	1100	U	1600	U	2300	U
Aroclor-1016	12674-11-2	ppb	12000	U	14000	U	18000	U	8200	U	6000	U	8500	U	10000	U	13000	U	23000	U
Aroclor-1221	11104-28-2	ppb	12000	U	14000	U	18000	U	8200	U	6000	U	8500	U	10000	U	13000	U	23000	U
Aroclor-1232	11141-16-5	ppb	12000	U	14000	U	18000	U	8200	U	6000	U	8500	U	10000	U	13000	U	23000	U
Aroclor-1242	53469-21-9	ppb	12000	U	14000	U	18000	U	8200	U	6000	U	8500	U	47000		74000		81000	
Aroclor-1248	12672-29-6	ppb	12000	U	14000	U	18000	U	7700		24000		41000		20000		13000	U	23000	U
Aroclor-1254	11097-69-1	ppb	12000	U	14000	U	18000	U	7700		9300		17000		35000		53000		63000	
Aroclor-1260	11096-82-5	ppb	12000	U	14000	U	18000	U	4400		3600		9600		13000		16000		18000	
Aroclor-1262	37324-23-5	ppb	12000	U	14000	U	18000	U	8200	U	6000	U	8500	U	10000	U	13000	U	23000	U
Aroclor-1268	11100-14-4	ppb	12000	U	14000	U	18000	U	8200	U	6000	U	8500	U	10000	U	13000	U	23000	U
Beta-BHC	319-85-7	ppb	590	U	720	U	950	U	77		620	U	850	U	1100	U	1600	U	2300	U
Delta-BHC	319-86-8	ppb	590	U	720	U	950	U	430	U	620	U	850	U	1100	U	1600	U	2300	U
Dieldrin	60-57-1	ppb	1200	U	1400	U	1800	U	820	U	1200	U	1700	U	2000	U	3200	U	4400	U
Endosulfan I	959-98-8	ppb	590	U	720	U	950	U	430	U	620	U	850	U	1100	U	1600	U	2300	U
Endosulfan II	33213-65-9	ppb	1200	U	1400	U	1800	U	820	U	1200	U	1700	U	2000	U	3200	U	4400	U
Endosulfan Sulfate	1031-07-8	ppb	1200	U	1400	U	1800	U	820	U	1200	U	1700	U	2000	U	3200	U	4400	U
Endrin	72-20-8	ppb	1200	U	1400	U	1800	U	820	U	1200	U	1700	U	2000	U	3200	U	4400	U
Endrin Aldehyde	7421-93-4	ppb	1200	U	1400	U	1800	U	820	U	1200	U	1700	U	2000	U	3200	U	4400	U
Endrin Ketone	53494-70-5	ppb	1200	U	1400	U	1800	U	820	U	1200	U	1700	U	2000	U	3200	U	4400	U
Gamma-BHC (Lindane)	58-89-9	ppb	590	U	720	U	950	U	430	U	620	U	850	U	1100	U	1600	U	2300	U
Gamma-Chlordane	5566-34-7	ppb	590	U	720	U	950	U	450	U	640	U	850	U	1100	U	1600	U	2300	U
Heptachlor	76-44-8	ppb	590	U	720	U	950	U	430	U	620	U	850	U	1100	U	1600	U	2300	U
Heptachlor Epoxide	1024-57-3	ppb	590	U	720	U	950	U	430	U	620	U	850	U	1600	U	1600	U	2300	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	5900	U	7200	U	9500	U	4300	U	6200	U	8500	U	11000	U	16000	U	23000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	590	U	720	U	950	U	450	U	640	U	850	U	1100	U	1600	U	2300	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	12000	U	14000	U	18000	U	20000		36000		67000		100000		140000		160000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	1200	U	1400	U	1800	U	1600		2600		5200		5400		5300		6000	
Toxaphene	8001-35-2	ppb	59000	U	72000	U	95000	U	43000	U	62000	U	85000	U	110000	U	160000	U	230000	U

		Location ID	NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED053		NB01SED053		NB01SED053	
		Sample Name	NB01SED052B-01		NB01SED052B-02		NB01SED052B-03		NB01SED052B-04		NB01SED052B-05		NB01SED052B-06		NB01SED053B-01		NB01SED053B-02		NB01SED053B-03	
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/4/2005		12/4/2005		12/4/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.5		3.5-6.0		6.0-8.5		8.5-11.0		0.0-0.5		0.5-1.5		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		Y		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	980	U	850	U	1200	U	4100	U	3100	U	2800	U	930	U	1400	U	1200	U
4,4'-DDE	72-55-9	ppb	1500		2000		2500		4100		3100	U	3000		450		1400	U	1200	U
4,4'-DDT	50-29-3	ppb	980	U	850	U	1200	U	4100	U	3100	U	2800	U	930	U	1400	U	1200	U
Aldrin	309-00-2	ppb	500	U	420	U	610	U	2000	U	1600	U	1400	U	470	U	750	U	610	U
Alpha-BHC	319-84-6	ppb	500	U	420	U	610	U	2000	U	1600	U	1400	U	470	U	750	U	610	U
Alpha-Chlordane	5103-71-9	ppb	500	U	420	U	610	U	2000	U	1600	U	1400	U	470	U	750	U	610	U
Aroclor-1016	12674-11-2	ppb	9800	U	8500	U	6100	U	16000	U	25000	U	28000	U	9300	U	14000	U	12000	U
Aroclor-1221	11104-28-2	ppb	9800	U	8500	U	6100	U	16000	U	25000	U	28000	U	9300	U	14000	U	12000	U
Aroclor-1232	11141-16-5	ppb	9800	U	8500	U	6100	U	16000	U	25000	U	28000	U	9300	U	14000	U	12000	U
Aroclor-1242	53469-21-9	ppb	9800	U	8500	U	27000		16000	U	25000	U	28000	U	9300	U	14000	U	12000	U
Aroclor-1248	12672-29-6	ppb	14000		23000		6100	U	89000		160000		180000		3800		14000	U	12000	U
Aroclor-1254	11097-69-1	ppb	19000		29000		34000		70000		130000		160000		3300		14000	U	12000	U
Aroclor-1260	11096-82-5	ppb	8200		12000		12000		27000		41000		54000		1600		14000	U	12000	U
Aroclor-1262	37324-23-5	ppb	9800	U	8500	U	6100	U	16000	U	25000	U	28000	U	9300	U	14000	U	12000	U
Aroclor-1268	11100-14-4	ppb	9800	U	8500	U	6100	U	16000	U	25000	U	28000	U	9300	U	14000	U	12000	U
Beta-BHC	319-85-7	ppb	140		420	U	610	U	2000	U	1600	U	1400	U	470	U	750	U	610	U
Delta-BHC	319-86-8	ppb	500	U	420	U	610	U	2000	U	1600	U	1400	U	470	U	750	U	610	U
Dieldrin	60-57-1	ppb	980	U	850	U	1200	U	4100	U	3100	U	2800	U	930	U	1400	U	1200	U
Endosulfan I	959-98-8	ppb	500	U	420	U	610	U	2000	U	1600	U	1400	U	470	U	750	U	610	U
Endosulfan II	33213-65-9	ppb	980	U	850	U	1200	U	4100	U	3100	U	2800	U	930	U	1400	U	1200	U
Endosulfan Sulfate	1031-07-8	ppb	980	U	850	U	1200	U	4100	U	3100	U	2800	U	930	U	1400	U	1200	U
Endrin	72-20-8	ppb	980	U	850	U	1200	U	4100	U	3100	U	2800	U	930	U	1400	U	1200	U
Endrin Aldehyde	7421-93-4	ppb	980	U	850	U	1200	U	4100	U	3100	U	2800	U	930	U	1400	U	160	
Endrin Ketone	53494-70-5	ppb	980	U	850	U	1200	U	4100	U	3100	U	2800	U	930	U	1400	U	1200	U
Gamma-BHC (Lindane)	58-89-9	ppb	500	U	420	U	610	U	2000	U	1600	U	1400	U	470	U	750	U	610	U
Gamma-Chlordane	5566-34-7	ppb	720	U	420	U	610	U	2000	U	1600	U	1400	U	470	U	750	U	610	U
Heptachlor	76-44-8	ppb	500	U	420	U	610	U	2000	U	1600	U	1400	U	470	U	750	U	610	U
Heptachlor Epoxide	1024-57-3	ppb	500	U	420	U	610	U	2000	U	1800	U	2400	U	470	U	750	U	610	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	5000	U	4200	U	6100	U	20000	U	16000	U	14000	U	4700	U	7500	U	6100	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	720	U	420	U	610	U	2000	U	1600	U	1400	U	470	U	750	U	610	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	41000		65000		73000		190000		340000		390000		8600		14000	U	12000	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	1500		2000		2500		4100		3100	U	3000		450		1400	U	1200	U
Toxaphene	8001-35-2	ppb	50000	U	42000	U	61000	U	200000	U	160000	U	140000	U	47000	U	75000	U	61000	U

Table B-7
TOC-Normalized Pesticides

		Location ID	NB01SED053		NB01SED053		NB01SED053		NB01SED054		NB01SED054		NB01SED054		NB01SED054		NB01SED055		NB01SED055	
		Sample Name	NB01SED053B-04		NB01SED053B-05		NB01SED053B-06		NB01SED054A-01		NB01SED054A-02		NB01SED054A-03		NB01SED054A-04		NB01SED055D-01		NB01SED055D-02	
		Date Collected	12/4/2005		12/4/2005		12/4/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005	
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1000	U	720	U	1000	U	1900	U	2900	U	2500	U	3600	U	1100	U	2000	U
4,4'-DDE	72-55-9	ppb	1000	U	720	U	1000	U	1900	U	2900	U	2500	U	3600	U	1100		3900	
4,4'-DDT	50-29-3	ppb	1000	U	720	U	1000	U	1900	U	2900	U	2500	U	3600	U	1100	U	2000	U
Aldrin	309-00-2	ppb	520	U	370	U	520	U	960	U	1500	U	1300	U	1900	U	580	U	1000	U
Alpha-BHC	319-84-6	ppb	520	U	370	U	520	U	960	U	1500	U	1300	U	1900	U	580	U	1000	U
Alpha-Chlordane	5103-71-9	ppb	520	U	370	U	520	U	960	U	1500	U	1300	U	1900	U	580	U	1000	U
Aroclor-1016	12674-11-2	ppb	10000	U	7200	U	10000	U	19000	U	29000	U	25000	U	36000	U	11000	U	20000	U
Aroclor-1221	11104-28-2	ppb	10000	U	7200	U	10000	U	19000	U	29000	U	25000	U	36000	U	11000	U	20000	U
Aroclor-1232	11141-16-5	ppb	10000	U	7200	U	10000	U	19000	U	29000	U	25000	U	36000	U	11000	U	20000	U
Aroclor-1242	53469-21-9	ppb	10000	U	7200	U	10000	U	19000	U	29000	U	25000	U	36000	U	11000	U	20000	U
Aroclor-1248	12672-29-6	ppb	10000	U	7200	U	10000	U	1800		29000	U	25000	U	36000	U	13000		37000	
Aroclor-1254	11097-69-1	ppb	10000	U	7200	U	10000	U	3000		29000	U	25000	U	36000	U	13000		37000	
Aroclor-1260	11096-82-5	ppb	10000	U	7200	U	10000	U	19000	U	29000	U	25000	U	36000	U	5300		13000	
Aroclor-1262	37324-23-5	ppb	10000	U	7200	U	10000	U	19000	U	29000	U	25000	U	36000	U	11000	U	20000	U
Aroclor-1268	11100-14-4	ppb	10000	U	7200	U	10000	U	19000	U	29000	U	25000	U	36000	U	11000	U	20000	U
Beta-BHC	319-85-7	ppb	520	U	370	U	520	U	960	U	1500	U	1300	U	1900	U	79		150	
Delta-BHC	319-86-8	ppb	520	U	370	U	520	U	150		1500	U	1300	U	1900	U	580	U	1000	U
Dieldrin	60-57-1	ppb	1000	U	720	U	1000	U	1900	U	2900	U	2500	U	3600	U	1100	U	2000	U
Endosulfan I	959-98-8	ppb	520	U	370	U	520	U	960	U	1500	U	1300	U	1900	U	580	U	1000	U
Endosulfan II	33213-65-9	ppb	1000	U	720	U	1000	U	1900	U	2900	U	2500	U	3600	U	1100	U	2000	U
Endosulfan Sulfate	1031-07-8	ppb	1000	U	720	U	1000	U	1900	U	2900	U	2500	U	3600	U	1100	U	2000	U
Endrin	72-20-8	ppb	1000	U	720	U	1000	U	1900	U	2900	U	2500	U	3600	U	1100	U	2000	U
Endrin Aldehyde	7421-93-4	ppb	1000	U	720	U	110		1900	U	2900	U	2500	U	3600	U	1100	U	2000	U
Endrin Ketone	53494-70-5	ppb	1000	U	720	U	1000	U	1900	U	2900	U	2500	U	3600	U	1100	U	2000	U
Gamma-BHC (Lindane)	58-89-9	ppb	520	U	370	U	520	U	960	U	1500	U	1300	U	1900	U	580	U	1000	U
Gamma-Chlordane	5566-34-7	ppb	520	U	370	U	520	U	960	U	1500	U	1300	U	1900	U	580	U	1000	U
Heptachlor	76-44-8	ppb	520	U	370	U	520	U	960	U	1500	U	1300	U	1900	U	580	U	1000	U
Heptachlor Epoxide	1024-57-3	ppb	520	U	370	U	520	U	960	U	1500	U	1300	U	1900	U	580	U	1000	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	5200	U	3700	U	5200	U	9600	U	15000	U	13000	U	19000	U	5800	U	10000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	520	U	370	U	520	U	960	U	1500	U	1300	U	1900	U	580	U	1000	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	10000	U	7200	U	10000	U	4800		29000	U	25000	U	36000	U	32000		87000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	1000	U	720	U	1000	U	1900	U	2900	U	2500	U	3600	U	1100		3900	
Toxaphene	8001-35-2	ppb	52000	U	37000	U	52000	U	96000	U	150000	U	130000	U	190000	U	58000	U	100000	U

Table B-7
TOC-Normalized Pesticides

		Location ID	NB01SED055		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED057		NB01SED057	
		Sample Name	NB01SED055D-03		NB01SED056B-01		NB01SED056B-02		NB01SED056B-03		NB01SED056B-04		NB01SED056B-05		NB01SED056B-06		NB01SED057B-01		NB01SED057B-02	
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/6/2005		12/6/2005	
		Depth	1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	3300	U	770	U	2900	U	2000	U	1600	U	3800	U	3900	U	830	U	5800	U
4,4'-DDE	72-55-9	ppb	9000		1600		5600		3300		5700		5500		6500		1100		9600	
4,4'-DDT	50-29-3	ppb	3300	U	770	U	2900	U	2000	U	1600	U	3800	U	3900	U	830	U	5800	U
Aldrin	309-00-2	ppb	1700	U	400	U	1500	U	1000	U	830	U	1900	U	1900	U	420	U	3100	U
Alpha-BHC	319-84-6	ppb	1700	U	400	U	1500	U	130		150		1900	U	1900	U	420	U	3100	U
Alpha-Chlordane	5103-71-9	ppb	1700	U	400	U	1500	U	1000	U	830	U	1900	U	1900	U	420	U	3100	U
Aroclor-1016	12674-11-2	ppb	17000	U	7700	U	14000	U	20000	U	16000	U	14000	U	7600	U	8300	U	29000	U
Aroclor-1221	11104-28-2	ppb	17000	U	7700	U	14000	U	20000	U	16000	U	14000	U	7600	U	8300	U	29000	U
Aroclor-1232	11141-16-5	ppb	17000	U	7700	U	14000	U	20000	U	16000	U	14000	U	7600	U	8300	U	29000	U
Aroclor-1242	53469-21-9	ppb	17000	U	7700	U	14000	U	20000	U	140000		72000		7600	U	8300	U	29000	U
Aroclor-1248	12672-29-6	ppb	67000		24000		86000		150000		16000	U	14000	U	53000		15000		180000	
Aroclor-1254	11097-69-1	ppb	58000		27000		79000		130000		120000		69000		58000		13000		120000	
Aroclor-1260	11096-82-5	ppb	20000		10000		28000		37000		29000		22000		21000		5400		46000	
Aroclor-1262	37324-23-5	ppb	17000	U	7700	U	14000	U	20000	U	16000	U	14000	U	7600	U	8300	U	29000	U
Aroclor-1268	11100-14-4	ppb	17000	U	7700	U	14000	U	20000	U	16000	U	14000	U	7600	U	8300	U	29000	U
Beta-BHC	319-85-7	ppb	1700	U	77		1500	U	1000	U	830	U	1900	U	1900	U	420	U	3100	U
Delta-BHC	319-86-8	ppb	1700	U	400	U	1500	U	1000	U	830	U	1900	U	1900	U	420	U	3100	U
Dieldrin	60-57-1	ppb	3300	U	770	U	2900	U	2000	U	1600	U	3800	U	3900	U	830	U	5800	U
Endosulfan I	959-98-8	ppb	1700	U	400	U	1500	U	1000	U	830	U	1900	U	1900	U	420	U	3100	U
Endosulfan II	33213-65-9	ppb	3300	U	770	U	2900	U	2000	U	1600	U	3800	U	3900	U	830	U	5800	U
Endosulfan Sulfate	1031-07-8	ppb	3300	U	770	U	2900	U	2000	U	1600	U	3800	U	3900	U	830	U	5800	U
Endrin	72-20-8	ppb	3300	U	770	U	2900	U	2000	U	1600	U	3800	U	3900	U	830	U	5800	U
Endrin Aldehyde	7421-93-4	ppb	3300	U	770	U	2900	U	2000	U	1600	U	3800	U	3900	U	830	U	5800	U
Endrin Ketone	53494-70-5	ppb	3300	U	770	U	2900	U	2000	U	1600	U	3800	U	3900	U	830	U	5800	U
Gamma-BHC (Lindane)	58-89-9	ppb	1700	U	400	U	1500	U	1000	U	830	U	1900	U	1900	U	420	U	3100	U
Gamma-Chlordane	5566-34-7	ppb	1700	U	400	U	1500	U	1000	U	830	U	1900	U	1900	U	420	U	3100	U
Heptachlor	76-44-8	ppb	1700	U	400	U	1500	U	1000	U	830	U	1900	U	1900	U	420	U	3100	U
Heptachlor Epoxide	1024-57-3	ppb	1700	U	400	U	1500	U	1900	U	2100	U	1900	U	1900	U	420	U	3100	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	17000	U	4000	U	15000	U	10000	U	8300	U	19000	U	19000	U	4200	U	31000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	1700	U	400	U	1500	U	1000	U	830	U	1900	U	1900	U	420	U	3100	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	140000		59000		190000		320000		290000		160000		130000		34000		350000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	9000		1600		5600		3300		5700		5500		6500		1100		9600	
Toxaphene	8001-35-2	ppb	170000	U	40000	U	150000	U	100000	U	83000	U	190000	U	190000	U	42000	U	310000	U

		Location ID	NB01SED057		NB01SED057		NB01SED058		NB01SED058		NB01SED058		NB01SED058		NB01SED059		NB01SED059		NB01SED059	
		Sample Name	NB01SED057B-03		NB01SED057B-04		NB01SED058B-01		NB01SED058B-02		NB01SED058B-03		NB01SED058B-04		NB01SED059A-01		NB01SED059A-02		NB01SED059A-03	
		Date Collected	12/6/2005		12/6/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1400	U	1300	U	1100	U	1200	U	1100		320	U	670	U	730	U	630	U
4,4'-DDE	72-55-9	ppb	1900		2000		1100	U	4100		4300		320	U	730		730	U	630	U
4,4'-DDT	50-29-3	ppb	1400	U	1300	U	1800		1200	U	520	U	320	U	670	U	730	U	630	U
Aldrin	309-00-2	ppb	710	U	680	U	570	U	650	U	270	U	170	U	360	U	380	U	340	U
Alpha-BHC	319-84-6	ppb	100		100		570	U	650	U	270	U	170	U	360	U	380	U	340	U
Alpha-Chlordane	5103-71-9	ppb	710	U	680	U	570	U	650	U	270	U	170	U	360	U	380	U	340	U
Aroclor-1016	12674-11-2	ppb	14000	U	13000	U	4300	U	12000	U	5200	U	3200	U	6700	U	7300	U	6300	U
Aroclor-1221	11104-28-2	ppb	14000	U	13000	U	4300	U	12000	U	5200	U	3200	U	6700	U	7300	U	6300	U
Aroclor-1232	11141-16-5	ppb	14000	U	13000	U	4300	U	12000	U	5200	U	3200	U	6700	U	7300	U	6300	U
Aroclor-1242	53469-21-9	ppb	76000		71000		4300	U	12000	U	5200	U	3200	U	6700	U	7300	U	6300	U
Aroclor-1248	12672-29-6	ppb	14000	U	13000	U	21000		73000		13000		3200	U	10000		7300	U	6300	U
Aroclor-1254	11097-69-1	ppb	58000		53000		18000		46000		14000		3200	U	9700		1000		6300	U
Aroclor-1260	11096-82-5	ppb	17000		14000		6400		12000		4300		3200	U	4000		7300	U	6300	U
Aroclor-1262	37324-23-5	ppb	14000	U	13000	U	4300	U	12000	U	5200	U	3200	U	6700	U	7300	U	6300	U
Aroclor-1268	11100-14-4	ppb	14000	U	13000	U	4300	U	12000	U	5200	U	3200	U	6700	U	7300	U	6300	U
Beta-BHC	319-85-7	ppb	710	U	680	U	570	U	650	U	270	U	170	U	360	U	380	U	340	U
Delta-BHC	319-86-8	ppb	710	U	680	U	570	U	650	U	270	U	170	U	360	U	380	U	340	U
Dieldrin	60-57-1	ppb	1400	U	1300	U	1100	U	1400	U	520	U	320	U	670	U	730	U	630	U
Endosulfan I	959-98-8	ppb	710	U	680	U	570	U	650	U	270	U	170	U	360	U	380	U	340	U
Endosulfan II	33213-65-9	ppb	1400	U	1300	U	1100	U	1200	U	520	U	320	U	670	U	730	U	630	U
Endosulfan Sulfate	1031-07-8	ppb	1400	U	1300	U	1100	U	1200	U	520	U	320	U	670	U	730	U	630	U
Endrin	72-20-8	ppb	1400	U	1300	U	1100	U	1200	U	520	U	320	U	670	U	730	U	630	U
Endrin Aldehyde	7421-93-4	ppb	1400	U	1300	U	1100	U	1200	U	520	U	320	U	670	U	730	U	630	U
Endrin Ketone	53494-70-5	ppb	1400	U	1300	U	1100	U	1200	U	520	U	320	U	670	U	730	U	630	U
Gamma-BHC (Lindane)	58-89-9	ppb	710	U	680	U	570	U	650	U	270	U	170	U	360	U	380	U	340	U
Gamma-Chlordane	5566-34-7	ppb	710	U	680	U	790	U	860	U	270	U	170	U	360	U	380	U	340	U
Heptachlor	76-44-8	ppb	710	U	680	U	570	U	650	U	270	U	170	U	360	U	380	U	340	U
Heptachlor Epoxide	1024-57-3	ppb	710	U	680	U	570	U	650	U	430	U	170	U	360	U	380	U	340	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	7100	U	6800	U	5700	U	6500	U	2700	U	1700	U	3600	U	3800	U	3400	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	710	U	680	U	790	U	860	U	270	U	170	U	360	U	380	U	340	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	150000		140000		46000		130000		31000		3200	U	24000		1000		6300	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	1900		2000		1800		4100		5700		320	U	730		730	U	630	U
Toxaphene	8001-35-2	ppb	71000	U	68000	U	57000	U	65000	U	27000	U	17000	U	36000	U	38000	U	34000	U

		Location ID	NB01SED059		NB01SED060		NB01SED060		NB01SED060		NB01SED060		NB01SED061		NB01SED061		NB01SED062		NB01SED062	
		Sample Name	NB01SED059A-04		NB01SED060B-01		NB01SED060B-02		NB01SED060B-03		NB01SED060B-04		NB01SED061A-01		NB01SED061A-02		NB01SED062A-01		NB01SED062A-02	
		Date Collected	12/8/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/28/2005		11/28/2005		11/21/2005		11/21/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	680	U	500	U	450	U	540	U	520	U	830	U	560	U	620	U	370	U
4,4'-DDE	72-55-9	ppb	680	U	580		770		1100		1200		830		600		620	U	370	U
4,4'-DDT	50-29-3	ppb	680	U	500	U	450	U	540	U	520	U					620	U	370	U
Aldrin	309-00-2	ppb	340	U	260	U	240	U	270	U	260	U	420	U	290	U	330	U	190	U
Alpha-BHC	319-84-6	ppb	340	U	260	U	240	U	270	U	260	U	420	U	290	U	330	U	190	U
Alpha-Chlordane	5103-71-9	ppb	340	U	260	U	240	U	270	U	260	U	420	U	290	U	330	U	190	U
Aroclor-1016	12674-11-2	ppb	6800	U	2500	U	2300	U	2600	U	2500	U	8300	U	5600	U	6200	U	3700	U
Aroclor-1221	11104-28-2	ppb	6800	U	2500	U	2300	U	2600	U	2500	U	8300	U	5600	U	6200	U	3700	U
Aroclor-1232	11141-16-5	ppb	6800	U	2500	U	2300	U	2600	U	2500	U	8300	U	5600	U	6200	U	3700	U
Aroclor-1242	53469-21-9	ppb	6800	U	2500	U	2300	U	2600	U	2500	U	8300	U	5600	U	6200	U	3700	U
Aroclor-1248	12672-29-6	ppb	6800	U	5800		9400		12000		12000		11000		18000		3200		3700	U
Aroclor-1254	11097-69-1	ppb	6800	U	6900		9000		13000		15000		8300	U	10000		2800		3700	U
Aroclor-1260	11096-82-5	ppb	6800	U	2400		3200		5000		5200		35000		3300		6200	U	3700	U
Aroclor-1262	37324-23-5	ppb	6800	U	2500	U	2300	U	2600	U	2500	U	8300	U	5600	U	6200	U	3700	U
Aroclor-1268	11100-14-4	ppb	6800	U	2500	U	2300	U	2600	U	2500	U	8300	U	5600	U	6200	U	3700	U
Beta-BHC	319-85-7	ppb	340	U	260	U	240	U	270	U	260	U	420	U	290	U	330	U	190	U
Delta-BHC	319-86-8	ppb	340	U	260	U	240	U	270	U	260	U	420	U	290	U	330	U	190	U
Dieldrin	60-57-1	ppb	680	U	500	U	450	U	540	U	520	U	830	U	560	U	620	U	370	U
Endosulfan I	959-98-8	ppb	340	U	260	U	240	U	270	U	260	U	420	U	290	U	330	U	190	U
Endosulfan II	33213-65-9	ppb	680	U	500	U	450	U	540	U	520	U	830	U	560	U	620	U	370	U
Endosulfan Sulfate	1031-07-8	ppb	680	U	500	U	450	U	540	U	520	U	830	U	560	U	620	U	370	U
Endrin	72-20-8	ppb	680	U	500	U	450	U	540	U	520	U	830	U	560	U	620	U	370	U
Endrin Aldehyde	7421-93-4	ppb	680	U	500	U	450	U	540	U	520	U	830	U	560	U	620	U	370	U
Endrin Ketone	53494-70-5	ppb	680	U	500	U	450	U	540	U	520	U	830	U	560	U	620	U	370	U
Gamma-BHC (Lindane)	58-89-9	ppb	340	U	260	U	240	U	270	U	260	U	420	U	290	U	330	U	190	U
Gamma-Chlordane	5566-34-7	ppb	340	U	260	U	240	U	270	U	260	U	420	U	290	U	330	U	190	U
Heptachlor	76-44-8	ppb	340	U	260	U	240	U	270	U	260	U	420	U	290	U	330	U	190	U
Heptachlor Epoxide	1024-57-3	ppb	340	U	260	U	240	U	270	U	260	U	420	U	290	U	330	U	190	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	3400	U	2600	U	2400	U	2700	U	2600	U	4200	U	2900	U	3300	U	1900	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	340	U	260	U	240	U	270	U	260	U	420	U	290	U	330	U	190	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	6800	U	15000		22000		31000		32000		46000		31000		6000		3700	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	680	U	580		770		1100		1200		830		600		620	U	370	U
Toxaphene	8001-35-2	ppb	34000	U	26000	U	24000	U	27000	U	26000	U	42000	U	29000	U	33000	U	19000	U

		Location ID	NB01SED062		NB01SED062		NB01SED063		NB01SED063		NB01SED063		NB01SED063		NB01SED064		NB01SED064		NB01SED064	
		Sample Name	NB01SED062A-03		NB01SED062A-04		NB01SED063C-01		NB01SED063C-02		NB01SED063C-03		NB01SED063C-04		NB01SED064B-01		NB01SED064B-02		NB01SED064B-03	
		Date Collected	11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005		12/8/2005		11/21/2005		11/21/2005		11/21/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.5		3.5-4.5		0.0-0.5		0.5-1.5		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	200	U	120	U	810	U	1800	U	2100	U	3800	U	180	U	280	U	1400	U
4,4'-DDE	72-55-9	ppb	200	U	12		810	U	2300		2400		3800	U	180	U	280	U	1400	U
4,4'-DDT	50-29-3	ppb	200	U	24		810	U	1800	U	2100	U	3800	U	180	U	280	U	1400	U
Aldrin	309-00-2	ppb	100	U	58	U	420	U	920	U	1100	U	2000	U	93	U	150	U	740	U
Alpha-BHC	319-84-6	ppb	100	U	58	U	420	U	920	U	1100	U	2000	U	93	U	150	U	740	U
Alpha-Chlordane	5103-71-9	ppb	100	U	58	U	420	U	920	U	1100	U	2000	U	93	U	150	U	740	U
Aroclor-1016	12674-11-2	ppb	2000	U	1200	U	4200	U	9200	U	8300	U	19000	U	1800	U	2800	U	14000	U
Aroclor-1221	11104-28-2	ppb	2000	U	1200	U	4200	U	9200	U	8300	U	19000	U	1800	U	2800	U	14000	U
Aroclor-1232	11141-16-5	ppb	2000	U	1200	U	4200	U	9200	U	8300	U	19000	U	1800	U	2800	U	14000	U
Aroclor-1242	53469-21-9	ppb	2000	U	1200	U	4200	U	9200	U	8300	U	19000	U	1800	U	2800	U	14000	U
Aroclor-1248	12672-29-6	ppb	2000	U	1200	U	7700		25000		47000		100000		1800	U	2800	U	14000	U
Aroclor-1254	11097-69-1	ppb	2000	U	1200	U	7300		21000		37000		52000		1800	U	2800	U	14000	U
Aroclor-1260	11096-82-5	ppb	2000	U	1200	U	2800		8500		14000		13000		1800	U	2800	U	14000	U
Aroclor-1262	37324-23-5	ppb	2000	U	1200	U	4200	U	9200	U	8300	U	19000	U	1800	U	2800	U	14000	U
Aroclor-1268	11100-14-4	ppb	2000	U	1200	U	4200	U	9200	U	8300	U	19000	U	1800	U	2800	U	14000	U
Beta-BHC	319-85-7	ppb	100	U	58	U	420	U	920	U	1100	U	2000	U	93	U	150	U	740	U
Delta-BHC	319-86-8	ppb	100	U	58	U	420	U	920	U	1100	U	2000	U	93	U	150	U	740	U
Dieldrin	60-57-1	ppb	200	U	120	U	810	U	1800	U	2100	U	3800	U	180	U	280	U	1400	U
Endosulfan I	959-98-8	ppb	100	U	58	U	420	U	920	U	1100	U	2000	U	93	U	150	U	740	U
Endosulfan II	33213-65-9	ppb	200	U	120	U	810	U	1800	U	2100	U	3800	U	180	U	280	U	1400	U
Endosulfan Sulfate	1031-07-8	ppb	200	U	120	U	810	U	1800	U	2100	U	3800	U	180	U	280	U	1400	U
Endrin	72-20-8	ppb	200	U	120	U	810	U	1800	U	2100	U	3800	U	180	U	280	U	1400	U
Endrin Aldehyde	7421-93-4	ppb	200	U	120	U	810	U	1800	U	2100	U	3800	U	180	U	280	U	1400	U
Endrin Ketone	53494-70-5	ppb	200	U	120	U	810	U	1800	U	2100	U	3800	U	180	U	280	U	1400	U
Gamma-BHC (Lindane)	58-89-9	ppb	100	U	58	U	420	U	920	U	1100	U	2000	U	93	U	150	U	740	U
Gamma-Chlordane	5566-34-7	ppb	100	U	58	U	420	U	920	U	1100	U	2000	U	93	U	150	U	740	U
Heptachlor	76-44-8	ppb	100	U	58	U	420	U	920	U	1100	U	2000	U	93	U	150	U	740	U
Heptachlor Epoxide	1024-57-3	ppb	100	U	58	U	420	U	920	U	1100	U	2000	U	10		150	U	740	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1000	U	110		4200	U	9200	U	11000	U	20000	U	930	U	1500	U	7400	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	100	U	58	U	420	U	920	U	1100	U	2000	U	93	U	150	U	740	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	2000	U	1200	U	18000		55000		97000		170000		1800	U	2800	U	14000	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	200	U	35		810	U	2300		2400		3800	U	180	U	280	U	1400	U
Toxaphene	8001-35-2	ppb	10000	U	5800	U	42000	U	92000	U	110000	U	200000	U	9300	U	15000	U	74000	U

		Location ID	NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED066		NB01SED066		NB01SED068	
		Sample Name	NB01SED065A-01		NB01SED065A-02		NB01SED065A-03		NB01SED065A-04		NB01SED065A-05		NB01SED065A-06		NB01SED066E-01		NB01SED066E-02		NB01SED068B-01	
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		10/30/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	860	U	1100	U	690	U	760	U	860	U	1000	U	6200	U	2000	U	3600	
4,4'-DDE	72-55-9	ppb	860	U	440		690	U	760	U	860	U	1000	U	7400		1400		4700	
4,4'-DDT	50-29-3	ppb	860	U	1100	U	690	U	270		130		1000	U	6200	U	2000	U	5300	
Aldrin	309-00-2	ppb	440	U	620	U	340	U	390	U	440	U	530	U	3200	U	1000	U	1900	U
Alpha-BHC	319-84-6	ppb	440	U	620	U	340	U	390	U	440	U	530	U	3200	U	1000	U	1900	U
Alpha-Chlordane	5103-71-9	ppb	440	U	620	U	340	U	390	U	440	U	530	U	3200	U	1000	U	1900	U
Aroclor-1016	12674-11-2	ppb	8600	U	11000	U	6900	U	7600	U	8600	U	10000	U	13000	U	10000	U	7200	U
Aroclor-1221	11104-28-2	ppb	8600	U	11000	U	6900	U	7600	U	8600	U	10000	U	13000	U	10000	U	7200	U
Aroclor-1232	11141-16-5	ppb	8600	U	11000	U	6900	U	7600	U	8600	U	10000	U	13000	U	10000	U	7200	U
Aroclor-1242	53469-21-9	ppb	8600	U	11000	U	6900	U	7600	U	8600	U	10000	U	13000	U	10000	U	7200	U
Aroclor-1248	12672-29-6	ppb	10000		11000	U	6900	U	7600	U	8600	U	10000	U	20000		10000	U	6900	
Aroclor-1254	11097-69-1	ppb	15000		390		6900	U	7600	U	8600	U	10000	U	20000		10000	U	6900	
Aroclor-1260	11096-82-5	ppb	5500		11000	U	6900	U	7600	U	8600	U	10000	U	8800		10000	U	4400	
Aroclor-1262	37324-23-5	ppb	8600	U	11000	U	6900	U	7600	U	8600	U	10000	U	13000	U	10000	U	7200	U
Aroclor-1268	11100-14-4	ppb	8600	U	11000	U	6900	U	7600	U	8600	U	10000	U	13000	U	1700		7200	U
Beta-BHC	319-85-7	ppb	440	U	46		340	U	390	U	26		530	U	3200	U	1000	U	1900	U
Delta-BHC	319-86-8	ppb	440	U	620	U	340	U	390	U	440	U	530	U	3200	U	1000	U	1900	U
Dieldrin	60-57-1	ppb	860	U	1100	U	690	U	760	U	860	U	1000	U	6200	U	2000	U	3600	U
Endosulfan I	959-98-8	ppb	440	U	620	U	340	U	390	U	440	U	530	U	3200	U	1000	U	1900	U
Endosulfan II	33213-65-9	ppb	860	U	1100	U	690	U	760	U	860	U	1000	U	6200	U	2000	U	3600	U
Endosulfan Sulfate	1031-07-8	ppb	860	U	1100	U	690	U	760	U	860	U	42		6200	U	2000	U	3600	U
Endrin	72-20-8	ppb	860	U	1100	U	690	U	760	U	860	U	1000	U	6200	U	2000	U	3600	U
Endrin Aldehyde	7421-93-4	ppb	860	U	1100	U	690	U	760	U	860	U	1000	U	6200	U	2000	U	3600	U
Endrin Ketone	53494-70-5	ppb	860	U	1100	U	690	U	760	U	860	U	1000	U	6200	U	2000	U	3600	U
Gamma-BHC (Lindane)	58-89-9	ppb	440	U	620	U	340	U	390	U	440	U	530	U	3200	U	1000	U	1900	U
Gamma-Chlordane	5566-34-7	ppb	440	U	620	U	340	U	390	U	440	U	530	U	3200	U	1000	U	1900	U
Heptachlor	76-44-8	ppb	440	U	620	U	340	U	390	U	440	U	530	U	3200	U	1000	U	1900	U
Heptachlor Epoxide	1024-57-3	ppb	440	U	110		340	U	52		26		530	U	3200	U	1000	U	1900	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	4400	U	6200	U	3400	U	3900	U	4400	U	5300	U	32000	U	10000	U	19000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	440	U	620	U	340	U	390	U	440	U	530	U	3200	U	1000	U	1900	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	31000		390		6900	U	7600	U	8600	U	10000	U	49000		1700		18000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	860	U	440		690	U	270		130		1000	U	7400		1400		14000	
Toxaphene	8001-35-2	ppb	44000	U	62000	U	34000	U	39000	U	44000	U	52000	U	320000	U	100000	U	190000	U

		Location ID	NB01SED068		NB01SED068		NB01SED068		NB01SED068		NB01SED068		NB02SED070		NB02SED070		NB02SED070		NB02SED070	
		Sample Name	NB01SED068B-02		NB01SED068B-03		NB01SED068B-04		NB01SED068B-05		NB01SED068B-06		NB02SED070C-01		NB02SED070C-02		NB02SED070C-03		NB02SED070C-04	
		Date Collected	10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		12/11/2007		12/11/2007		12/11/2007		12/11/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb											200	U	160	U	270		310	
2,4'-DDE	3424-82-6	ppb											770		770		940		1200	
2,4'-DDT	789-02-6	ppb											200	U	92		130	U	160	U
4,4'-DDD	72-54-8	ppb	3700		6200		3300		4700		5100		400		310		580		580	
4,4'-DDE	72-55-9	ppb	3700		4500		3100		3800		5100		1900		1900		2800		3800	
4,4'-DDT	50-29-3	ppb	14000		18000		3600	U	17000		4300		200	U	310		390		340	
Aldrin	309-00-2	ppb	2000	U	4100	U	1800	U	3200	U	2100	U	180							
Alpha-BHC	319-84-6	ppb	2000	U	4100	U	1800	U	3200	U	2100	U	28		34		67	U	81	U
Alpha-Chlordane	5103-71-9	ppb	2000	U	4100	U	1800	U	3200	U	2100	U	100	U	82	U	140		110	
Aroclor-1016	12674-11-2	ppb	7700	U	7900	U	6900	U	6200	U	8000	U	2000	U	1600	U	1300	U	1600	U
Aroclor-1221	11104-28-2	ppb	7700	U	7900	U	6900	U	6200	U	8000	U	2000	U	1600	U	1300	U	1600	U
Aroclor-1232	11141-16-5	ppb	7700	U	7900	U	6900	U	6200	U	8000	U	2000	U	1600	U	1300	U	1600	U
Aroclor-1242	53469-21-9	ppb	7700	U	7900	U	6900	U	6200	U	8000	U	16000		48000		57000		36000	
Aroclor-1248	12672-29-6	ppb	7300		7900		7200		7100		11000		2000	U	1600	U	1300	U	1600	U
Aroclor-1254	11097-69-1	ppb	6300		7900		6400		9100		8000	U	15000		41000		46000		38000	
Aroclor-1260	11096-82-5	ppb	5300		5200		5000		7600		9400		4900		8000		6900		7400	
Aroclor-1262	37324-23-5	ppb	7700	U	7900	U	6900	U	6200	U	8000	U	2000	U	1600	U	1300	U	1600	U
Aroclor-1268	11100-14-4	ppb	7700	U	7900	U	6900	U	6200	U	8000	U	2000	U	1600	U	1300	U	1600	U
Beta-BHC	319-85-7	ppb	2000	U	4100	U	1800	U	3200	U	2100	U	100	U	82	U	190	U	81	U
Delta-BHC	319-86-8	ppb	300		4100	U	1800	U	3200	U	2100	U	100	U	82	U	67	U	81	U
Dieldrin	60-57-1	ppb	4000	U	7900	U	3600	U	6200	U	4000	U	200	U	270		490		600	
Endosulfan I	959-98-8	ppb	2000	U	4100	U	1800	U	3200	U	2100	U	100	U	82	U	190	U	81	U
Endosulfan II	33213-65-9	ppb	4000	U	7900	U	3600	U	6200	U	4000	U	200	U	160	U	130	U	160	U
Endosulfan Sulfate	1031-07-8	ppb	4000	U	7900	U	3600	U	6200	U	4000	U	200	U	160	U	130	U	160	U
Endrin	72-20-8	ppb	4000	U	7900	U	3600	U	6200	U	4000	U	56		160	U	130	U	160	U
Endrin Aldehyde	7421-93-4	ppb	4000	U	7900	U	3600	U	6200	U	4000	U	200	U	160	U	130	U	160	U
Endrin Ketone	53494-70-5	ppb	4000	U	7900	U	3600	U	6200	U	4000	U	200	U	160	U	130	U	160	U
Gamma-BHC (Lindane)	58-89-9	ppb	2000	U	4100	U	1800	U	3200	U	2100	U	100	U	82	U	67	U	81	U
Gamma-Chlordane	5566-34-7	ppb	2000	U	4100	U	1800	U	3200	U	2100	U								
Heptachlor	76-44-8	ppb	2000	U	4100	U	1800	U	3200	U	2100	U	150		360		480		290	
Heptachlor Epoxide	1024-57-3	ppb	2000	U	4100	U	530		3200	U	830		400						650	
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	20000	U	41000	U	18000	U	32000	U	21000	U	1000	U	820	U	670	U	810	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	2000	U	4100	U	1800	U	3200	U	2100	U	100	U	82	U	140		110	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	19000		21000		19000		24000		20000		37000		96000		110000		81000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb											3100		3400		4900		6300	
Total DDT (2,4)	TDDT-24	ppb											770		870		1200		1500	
Total DDT (4,4)	TDDT-44	ppb	21000		29000		6400		26000		15000		2300		2700		3900		4700	
Toxaphene	8001-35-2	ppb	200000	U	410000	U	180000	U	320000	U	210000	U	10000	U	8200	U	6700	U	8100	U

Table B-7
TOC-Normalized Pesticides

		Location ID	NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED071		NB02SED071		NB02SED071	
		Sample Name	NB02SED070C-05		NB02SED070C-05		NB02SED070C-06		NB02SED070C-07		NB02SED070C-08		NB02SED070C-09		NB02SED071D-01		NB02SED071D-02		NB02SED071D-03	
		Date Collected	12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		11/15/2007		11/15/2007		11/15/2007	
		Depth	3.5-5.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb			740		830		200		150	U	170	U	300	U	330	U	260	U
2,4'-DDE	3424-82-6	ppb			2400		2200		150	U	150	U	170	U	300	U	330	U	260	U
2,4'-DDT	789-02-6	ppb			56		120	U	150	U	150	U	170	U	300	U	330	U	260	U
4,4'-DDD	72-54-8	ppb			1400		1500		150	U	150	U	170	U	200		160		190	
4,4'-DDE	72-55-9	ppb			6500		5800		88		150	U	170	U	370		320		410	
4,4'-DDT	50-29-3	ppb			780		220		77		75		170	U	300	U	330	U	230	
Aldrin	309-00-2	ppb			350	U	41		75	U	75	U	87	U	150	U	160	U	130	U
Alpha-BHC	319-84-6	ppb			69	U	68		75		12		87	U	150	U	160	U	130	U
Alpha-Chlordane	5103-71-9	ppb			59		60	U	75	U	75	U	87	U	41		30		32	
Aroclor-1016	12674-11-2	ppb			1400	U	1200	U	1500	U	1500	U	1700	U	3000	U	3300	U	2600	U
Aroclor-1221	11104-28-2	ppb			1400	U	1200	U	1500	U	1500	U	1700	U	3000	U	3300	U	2600	U
Aroclor-1232	11141-16-5	ppb			1400	U	1200	U	1500	U	1500	U	1700	U	3000	U	3300	U	2600	U
Aroclor-1242	53469-21-9	ppb			9500		1200	U	1500	U	1500	U	1700	U	3500		4100		4800	
Aroclor-1248	12672-29-6	ppb			1400	U	1200	U	1500	U	1500	U	1700	U	3000	U	3300	U	2600	U
Aroclor-1254	11097-69-1	ppb			15000		4300		1500	U	1500	U	1700	U	4700		5400		5800	
Aroclor-1260	11096-82-5	ppb			4500		2000		1500	U	1500	U	1700	U	1900		2100		3100	
Aroclor-1262	37324-23-5	ppb			1400	U	1200	U	1500	U	1500	U	1700	U	3000	U	3300	U	2600	U
Aroclor-1268	11100-14-4	ppb			1400	U	700		1500		1500	U	1700	U	3000	U	3300	U	2600	U
Beta-BHC	319-85-7	ppb			120		60	U	75	U	18		87	U	150	U	160	U	130	U
Delta-BHC	319-86-8	ppb			69	U	60	U	75	U	75	U	87	U	150	U	160	U	130	U
Dieldrin	60-57-1	ppb			140	U	100		150	U	150	U	170	U	300	U	330	U	260	U
Endosulfan I	959-98-8	ppb			210	U	600	U	75	U	75	U	87	U	150	U	160	U	130	U
Endosulfan II	33213-65-9	ppb			140	U	120	U	150	U	33		170	U	300	U	330	U	260	U
Endosulfan Sulfate	1031-07-8	ppb			140	U	120	U	110		150	U	170	U	300	U	330	U	260	U
Endrin	72-20-8	ppb			78		120	U	150	U	150	U	170	U	300	U	330	U	260	U
Endrin Aldehyde	7421-93-4	ppb			140	U	120	U	150	U	150	U	170	U	300	U	330	U	260	U
Endrin Ketone	53494-70-5	ppb			140	U	120	U	150	U	150	U	170	U	300	U	330	U	260	U
Gamma-BHC (Lindane)	58-89-9	ppb			69	U	60	U	75	U	75	U	87	U	150	U	160	U	130	U
Gamma-Chlordane	5566-34-7	ppb					600	U	75	U	75	U	87	U	150	U	160	U	130	U
Heptachlor	76-44-8	ppb			110		55		190		75	U	87	U	150	U	160	U	130	U
Heptachlor Epoxide	1024-57-3	ppb	600				600	U	28		75	U	87	U	150	U	160	U	130	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb			690	U	600	U	750	U	750	U	870	U	1500	U	1600	U	1300	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb			59		600	U	75	U	75	U	87	U	41		30		32	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb			30000		7000		1500		1500	U	1700	U	10000		12000		14000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb			12000		11000		370		75		170	U	550		480		850	
Total DDT (2,4)	TDDT-24	ppb			3200		3100		200		150	U	170	U	300	U	330	U	260	U
Total DDT (4,4)	TDDT-44	ppb			8700		7500		170		75		170	U	550		480		850	
Toxaphene	8001-35-2	ppb			6900	U	6000	U	7500	U	7500	U	8700	U	15000	U	16000	U	13000	U

		Location ID	NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED072		NB02SED072		NB02SED072	
		Sample Name	NB02SED071D-04		NB02SED071D-05		NB02SED071D-06		NB02SED071D-07		NB02SED071D-08		NB02SED071D-09		NB02SED072D-01		NB02SED072D-02		NB02SED072D-03	
		Date Collected	11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/14/2007		11/14/2007		11/14/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	240	U	200	U	580		930		190	U	410	U	180	U	220	U	220	U
2,4'-DDE	3424-82-6	ppb	240	U	530		2900		4300		190	U	410	U	180	U	340		520	
2,4'-DDT	789-02-6	ppb	240	U	63		190	U	190	U	190	U	410	U	33		56		52	
4,4'-DDD	72-54-8	ppb	190		310		1100		2100		190	U	410	U	250		340		290	
4,4'-DDE	72-55-9	ppb	480		1700		6700		12000		38		59		350		590		1100	
4,4'-DDT	50-29-3	ppb	240	U	360		500		3400		48		410	U	380		900		220	U
Aldrin	309-00-2	ppb	120	U	16		93	U	96	U	96	U	210	U	93	U	110	U	110	U
Alpha-BHC	319-84-6	ppb	120	U	100	U	93	U	150		45		210	U	93	U	21		32	
Alpha-Chlordane	5103-71-9	ppb	25		110		87		96	U	96	U	210	U	50		56		65	
Aroclor-1016	12674-11-2	ppb	2400	U	2000	U	1900	U	1900	U	1900	U	4100	U	1900	U	2200	U	2200	U
Aroclor-1221	11104-28-2	ppb	2400	U	2000	U	1900	U	1900	U	1900	U	4100	U	1900	U	2200	U	2200	U
Aroclor-1232	11141-16-5	ppb	2400	U	2000	U	1900	U	1900	U	1900	U	4100	U	1900	U	2200	U	2200	U
Aroclor-1242	53469-21-9	ppb	5200		27000		16000		1900	U	1900	U	4100	U	2800		4300		7800	
Aroclor-1248	12672-29-6	ppb	2400	U	2000	U	1900	U	1900	U	1900	U	4100	U	1900	U	2200	U	2200	U
Aroclor-1254	11097-69-1	ppb	6200		36000		27000		8900		1900	U	4100	U	4800		8000		13000	
Aroclor-1260	11096-82-5	ppb	2500		6100		7000		3900		1900	U	4100	U	1600		2800		3900	
Aroclor-1262	37324-23-5	ppb	2400	U	2000	U	1900	U	1900	U	1900	U	4100	U	1900	U	2200	U	2200	U
Aroclor-1268	11100-14-4	ppb	2400	U	2000	U	1900	U	1000		320		4100	U	1900	U	2200	U	2200	U
Beta-BHC	319-85-7	ppb	120	U	100	U	110		110		96	U	210	U	93	U	110	U	97	
Delta-BHC	319-86-8	ppb	120	U	100	U	93	U	96	U	96	U	210	U	70		110	U	110	U
Dieldrin	60-57-1	ppb	240	U	670		190	U	190	U	190	U	410	U	190	U	220	U	280	
Endosulfan I	959-98-8	ppb	120	U	33		280	U	960	U	96	U	210	U	93	U	110	U	110	U
Endosulfan II	33213-65-9	ppb	240	U	200	U	190	U	190	U	190	U	410	U	190	U	220	U	220	U
Endosulfan Sulfate	1031-07-8	ppb	240	U	200	U	190	U	110		190	U	410	U	63		110		220	U
Endrin	72-20-8	ppb	240	U	200	U	100		89		190	U	410	U	190	U	220	U	220	U
Endrin Aldehyde	7421-93-4	ppb	240	U	200	U	190	U	100		45		410	U	190	U	160		220	
Endrin Ketone	53494-70-5	ppb	240	U	200	U	190	U	190	U	190	U	410	U	190	U	220	U	220	U
Gamma-BHC (Lindane)	58-89-9	ppb	120	U	100	U	93	U	96	U	96	U	210	U	93	U	110	U	110	U
Gamma-Chlordane	5566-34-7	ppb	120	U			280	U	960	U	96	U	210	U	110		160		130	
Heptachlor	76-44-8	ppb	120	U	160		93	U	96	U	96	U	210	U	93	U	110	U	110	U
Heptachlor Epoxide	1024-57-3	ppb	120	U			760		960	U	96	U	210	U	98		170		260	
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1200	U	1000	U	930	U	960	U	960	U	2100	U	930	U	1100	U	1100	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	25		110		87		960	U	96	U	210	U	160		210		190	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	14000		69000		50000		14000		320		4100	U	9300		15000		24000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	690		2900		12000		23000		86		59		1000		2200		1900	
Total DDT (2,4)	TDDT-24	ppb	240	U	580		3500		5300		190	U	410	U	33		400		580	
Total DDT (4,4)	TDDT-44	ppb	690		2300		8500		18000		86		59		980		1800		1400	
Toxaphene	8001-35-2	ppb	12000	U	10000	U	9300	U	9600	U	9600	U	21000	U	9300	U	11000	U	11000	U

Table B-7
TOC-Normalized Pesticides

		Location ID	NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED073		NB02SED073		NB02SED073		NB02SED073	
		Sample Name	NB02SED072D-04		NB02SED072D-05		NB02SED072D-06		NB02SED072D-07		NB02SED072D-08		NB02SED073D-01		NB02SED073D-02		NB02SED073D-03		NB02SED073D-04	
		Date Collected	11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	140	U	360	U	440	U	330	U	880	U	290	U	300	U	240	U	220	U
2,4'-DDE	3424-82-6	ppb	280		360	U	440	U	330	U	880	U	450		310		660		690	
2,4'-DDT	789-02-6	ppb	140	U	360	U	440	U	330	U	880	U	290	U	220		240	U	220	U
4,4'-DDD	72-54-8	ppb	130		360	U	440	U	330	U	880	U	380		360		320		300	
4,4'-DDE	72-55-9	ppb	530		58		440	U	330	U	880	U	1300		860		1800		2200	
4,4'-DDT	50-29-3	ppb	140	U	360	U	440	U	330	U	880	U	290	U	450		320		360	
Aldrin	309-00-2	ppb	67	U	180	U	220	U	170	U	440	U	150	U	150	U	120	U	110	U
Alpha-BHC	319-84-6	ppb	21		180	U	220	U	170	U	440	U	150	U	150	U	120	U	110	U
Alpha-Chlordane	5103-71-9	ppb	20		180	U	220	U	170	U	440	U	150	U	95		180		110	U
Aroclor-1016	12674-11-2	ppb	1400	U	3600	U	4400	U	3300	U	8800	U	2900	U	3000	U	2400	U	2200	U
Aroclor-1221	11104-28-2	ppb	1400	U	3600	U	4400	U	3300	U	8800	U	2900	U	3000	U	2400	U	2200	U
Aroclor-1232	11141-16-5	ppb	1400	U	3600	U	4400	U	3300	U	8800	U	2900	U	3000	U	2400	U	2200	U
Aroclor-1242	53469-21-9	ppb	2800		3600	U	4400	U	3300	U	8800	U	23000		7400		37000		44000	
Aroclor-1248	12672-29-6	ppb	1400	U	3600	U	4400	U	3300	U	8800	U	2900	U	3000	U	2400	U	2200	U
Aroclor-1254	11097-69-1	ppb	5800		3600	U	4400	U	3300	U	8800	U	18000		7800		25000		27000	
Aroclor-1260	11096-82-5	ppb	1500		3600	U	4400	U	3300	U	8800	U	5200		3500		6600		6600	
Aroclor-1262	37324-23-5	ppb	1400	U	3600	U	4400	U	3300	U	8800	U	2900	U	3000	U	2400	U	2200	U
Aroclor-1268	11100-14-4	ppb	1400	U	3600	U	4400	U	3300	U	8800	U	2900	U	3000	U	2400	U	2200	U
Beta-BHC	319-85-7	ppb	39		180	U	220	U	170	U	440	U	150	U	210					
Delta-BHC	319-86-8	ppb	67	U	180	U	220	U	170	U	440	U	150	U	150	U	120	U	110	U
Dieldrin	60-57-1	ppb	140	U	360	U	440	U	330	U	880	U	410		300	U	550		770	
Endosulfan I	959-98-8	ppb	67	U	180	U	220	U	170	U	440	U	150	U	150	U	120	U	110	U
Endosulfan II	33213-65-9	ppb	140	U	360	U	440	U	330	U	880	U	290	U	300	U	240	U	220	U
Endosulfan Sulfate	1031-07-8	ppb	60		360	U	440	U	330	U	880	U	290	U	300	U	240	U	220	U
Endrin	72-20-8	ppb	140	U	360	U	440	U	330	U	880	U	290	U	300	U	240	U	220	U
Endrin Aldehyde	7421-93-4	ppb	81		360	U	440	U	330	U	880	U	290		300	U	390		440	
Endrin Ketone	53494-70-5	ppb	140	U	360	U	440	U	330	U	880	U	290	U	160		240	U	220	U
Gamma-BHC (Lindane)	58-89-9	ppb	67	U	180	U	220	U	170	U	440	U	130		150	U	200		210	
Gamma-Chlordane	5566-34-7	ppb	88		180	U	220	U	170	U	440	U	210		150	U	340			
Heptachlor	76-44-8	ppb	21		180	U	220	U	170	U	440	U			150	U				
Heptachlor Epoxide	1024-57-3	ppb	140		180	U	220	U	170	U	440	U								
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	670	U	1800	U	2200	U	1700	U	4400	U	1500	U	1500	U	1200	U	1100	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	110		180	U	220	U	170	U	440	U	210		95		530		110	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	10000		3600	U	4400	U	3300	U	8800	U	48000		19000		68000		77000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	940		58		440	U	330	U	880	U	2100		2200		3200		3600	
Total DDT (2,4)	TDDT-24	ppb	280		360	U	440	U	330	U	880	U	450		530		660		690	
Total DDT (4,4)	TDDT-44	ppb	670		58		440	U	330	U	880	U	1700		1700		2500		3000	
Toxaphene	8001-35-2	ppb	6700	U	18000	U	22000	U	17000	U	44000	U	15000	U	15000	U	12000	U	11000	U

Table B-7
TOC-Normalized Pesticides

		Location ID	NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED074		NB02SED074		NB02SED074	
		Sample Name	NB02SED073D-05		NB02SED073D-06		NB02SED073D-07		NB02SED073D-08		NB02SED073D-09		NB02SED073D-15		NB02SED074C-02		NB02SED074C-03		NB02SED074C-04	
		Date Collected	11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/6/2007		11/6/2007		11/6/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		23.5-25.5		0.5-1.5		1.5-2.5		2.5-3.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	400	U	260	U	410	U	450	U	140	U	820	U	260	U	210	U	240	U
2,4'-DDE	3424-82-6	ppb	110		260	U	410	U	450	U	140	U	820	U	480		250		850	
2,4'-DDT	789-02-6	ppb	400	U	260	U	410	U	450	U	140	U	820	U	260	U	210	U	240	U
4,4'-DDD	72-54-8	ppb	120		260	U	410	U	450	U	140	U	820	U	210		100		350	
4,4'-DDE	72-55-9	ppb	290		43		410	U	450	U	140	U	820	U	1300		750		2400	
4,4'-DDT	50-29-3	ppb	400	U	260	U	410	U	450	U	140	U	820	U	260	U	210	U	380	
Aldrin	309-00-2	ppb	200	U	130	U	200	U	230	U	71	U	420	U	130	U	100	U	120	U
Alpha-BHC	319-84-6	ppb	200	U	130	U	200	U	230	U	71	U	420	U	130	U	100	U	120	U
Alpha-Chlordane	5103-71-9	ppb	200	U	130	U	200	U	230	U	71	U	420	U	130	U	100	U	120	U
Aroclor-1016	12674-11-2	ppb	4000	U	2600	U	4100	U	4500	U	1400	U	8200	U	2600	U	2100	U	2500	U
Aroclor-1221	11104-28-2	ppb	4000	U	2600	U	4100	U	4500	U	1400	U	8200	U	2600	U	2100	U	2500	U
Aroclor-1232	11141-16-5	ppb	4000	U	2600	U	4100	U	4500	U	1400	U	8200	U	2600	U	2100	U	2500	U
Aroclor-1242	53469-21-9	ppb	1400		610		4100	U	4500	U	1400	U	8200	U	11000		9400		38000	
Aroclor-1248	12672-29-6	ppb	4000	U	2600	U	4100	U	4500	U	1400	U	8200	U	2600	U	2100	U	2500	U
Aroclor-1254	11097-69-1	ppb	1100		480		4100	U	4500	U	1400	U	8200	U	13000		8600		35000	
Aroclor-1260	11096-82-5	ppb	500		2600	U	4100	U	4500	U	1400	U	8200	U	4800		3400		10000	
Aroclor-1262	37324-23-5	ppb	4000	U	2600	U	4100	U	4500	U	1400	U	8200	U	2600	U	2100	U	2500	U
Aroclor-1268	11100-14-4	ppb	4000	U	2600	U	4100	U	4500	U	1400	U	8200	U	2600	U	2100	U	2500	U
Beta-BHC	319-85-7	ppb	200	U	130	U	200	U	230	U	71	U	420	U	130		100	U		
Delta-BHC	319-86-8	ppb	200	U	130	U	200	U	230	U	71	U	420	U	130	U	100	U		
Dieldrin	60-57-1	ppb	400	U	260	U	410	U	450	U	140	U	820	U	280		210	U	690	
Endosulfan I	959-98-8	ppb	200	U	130	U	200	U	230	U	71	U	420	U	130	U	100	U	120	U
Endosulfan II	33213-65-9	ppb	400	U	260	U	410	U	450	U	140	U	820	U	260	U	210	U	250	U
Endosulfan Sulfate	1031-07-8	ppb	400	U	260	U	410	U	450	U	140	U	820	U	260	U	210	U	250	U
Endrin	72-20-8	ppb	400	U	260	U	410	U	450	U	140	U	820	U	260	U	210	U	250	U
Endrin Aldehyde	7421-93-4	ppb	400	U	260	U	410	U	450	U	140	U	820	U	220		140		250	
Endrin Ketone	53494-70-5	ppb	400	U	260	U	410	U	450	U	140	U	820	U	260	U	210	U	250	U
Gamma-BHC (Lindane)	58-89-9	ppb	200	U	130	U	200	U	230	U	71	U	420	U	130	U	47		230	
Gamma-Chlordane	5566-34-7	ppb	65		130	U	200	U	230	U	71	U	420	U	130	U	83		260	
Heptachlor	76-44-8	ppb	200	U	130	U	200	U	230	U	71	U	420	U	130	U	100	U	120	U
Heptachlor Epoxide	1024-57-3	ppb	82		130	U	200	U	230	U	71	U	420	U	280					
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	2000	U	1300	U	2000	U	2300	U	710	U	4200	U	1300	U	1000	U	1200	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	65		130	U	200	U	230	U	71	U	420	U	130	U	83		260	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	3100		1100		4100	U	4500	U	1400	U	8200	U	28000		21000		82000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	520		43		410	U	450	U	140	U	820	U	2000		1100		4100	
Total DDT (2,4)	TDDT-24	ppb	110		260	U	410	U	450	U	140	U	820	U	480		250		850	
Total DDT (4,4)	TDDT-44	ppb	410		43		410	U	450	U	140	U	820	U	1500		860		3100	
Toxaphene	8001-35-2	ppb	20000	U	13000	U	20000	U	23000	U	7100	U	42000	U	13000	U	10000	U	12000	U

Table B-7
TOC-Normalized Pesticides

		Location ID	NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074	
		Sample Name	NB02SED074C-05		NB02SED074C-06		NB02SED074C-07		NB02SED074C-08		NB02SED074C-09		NB02SED074C-10		NB02SED074C-11		NB02SED074C-12		NB02SED074C-13	
		Date Collected	11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	110		210		180		340		230		440		430		96	U	130	U
2,4'-DDE	3424-82-6	ppb	660		930		570		2400		3900		3600		5300		710		130	U
2,4'-DDT	789-02-6	ppb	120		74		210	U	140	U	170	U	130		100	U	96	U	130	U
4,4'-DDD	72-54-8	ppb	260		380		250		470		650		1300		1700		130		130	U
4,4'-DDE	72-55-9	ppb	1800		2800		2100		6000		8200		9400		16000		1500		81	
4,4'-DDT	50-29-3	ppb	370		380		220		340		290		560		1400		180		180	
Aldrin	309-00-2	ppb	130	U	80	U	110	U	71	U	84	U	69	U	100	U	49	U	67	U
Alpha-BHC	319-84-6	ppb	130	U	250	U	110	U	710	U	840	U	690	U	1000	U	240			
Alpha-Chlordane	5103-71-9	ppb	130	U	83		210	U	710	U	17		23		100	U	95	U	67	U
Aroclor-1016	12674-11-2	ppb	2600	U	1600	U	2100	U	1400	U	1700	U	1400	U	1000	U	960	U	1300	U
Aroclor-1221	11104-28-2	ppb	2600	U	1600	U	2100	U	1400	U	1700	U	1400	U	1000	U	960	U	1300	U
Aroclor-1232	11141-16-5	ppb	2600	U	1600	U	2100	U	1400	U	1700	U	1400	U	1000	U	960	U	1300	U
Aroclor-1242	53469-21-9	ppb	40000		36000		15000		15000		4600		3400		1000	U	960	U	1300	U
Aroclor-1248	12672-29-6	ppb	2600	U	1600	U	2100	U	1400	U	1700	U	1400	U	1000	U	960	U	1300	U
Aroclor-1254	11097-69-1	ppb	33000		32000		18000		21000		13000		15000				3400		3100	
Aroclor-1260	11096-82-5	ppb	9700		8500		6000		8600		7000		5400		3400		1700		3800	
Aroclor-1262	37324-23-5	ppb	2600	U	1600	U	2100	U	1400	U	1700	U	1400	U	1000	U	960	U	1300	U
Aroclor-1268	11100-14-4	ppb	2600	U	1600	U	2100	U	1400	U	1700	U	1400	U	780		750		2500	
Beta-BHC	319-85-7	ppb			250	U	110	U	710	U	840	U	690	U	1000	U	140	U	290	
Delta-BHC	319-86-8	ppb			80	U	110	U	710	U	63		69	U	170		49	U	67	U
Dieldrin	60-57-1	ppb	680		850		700		490		340		250		110		53		120	
Endosulfan I	959-98-8	ppb	130	U	80	U	110	U	710	U	180		130		100	U	49	U	67	U
Endosulfan II	33213-65-9	ppb	260	U	160	U	210	U	140	U	170	U	140	U	210	U	95	U	130	U
Endosulfan Sulfate	1031-07-8	ppb	260	U	160	U	210	U	170		200		230		210	U	95	U	230	
Endrin	72-20-8	ppb	260	U	160	U	210	U	140	U	170	U	46		60		95	U	130	U
Endrin Aldehyde	7421-93-4	ppb	260	U	160	U	210	U	300		240		250		170		95	U	130	U
Endrin Ketone	53494-70-5	ppb	260	U	160	U	210	U	140	U	170	U	140	U	210	U	95	U	130	U
Gamma-BHC (Lindane)	58-89-9	ppb	210		190		97		71	U	84	U	69	U	100	U	49	U	67	U
Gamma-Chlordane	5566-34-7	ppb	210		270		120		710	U	840	U	690	U	100	U	140	U	67	U
Heptachlor	76-44-8	ppb	130	U	80	U	110	U	71	U	84	U	69	U	1000	U	49	U		
Heptachlor Epoxide	1024-57-3	ppb							1100		840	U	69	U	1000	U	300		67	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1300	U	800	U	1100	U	710	U	840	U	690	U	1000	U	490	U	670	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	210		340		120		710	U	17		23		100	U	140	U	67	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	83000		78000		40000		43000		24000		23000		4200		5800		9400	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	3100		4700		3300		9600		13000		16000		25000		2600		270	
Total DDT (2,4)	TDDT-24	ppb	780		1200		740		2800		4100		4200		5700		710		130	U
Total DDT (4,4)	TDDT-44	ppb	2300		3600		2600		6800		9200		11000		18000		1900		270	
Toxaphene	8001-35-2	ppb	13000	U	8000	U	11000	U	7100	U	8400	U	6900	U	10000	U	4900	U	6700	U

		Location ID	NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075	
		Sample Name	NB02SED074C-14		NB02SED074C-15		NB02SED074C-16		NB02SED074C-17		NB02SED075F-01		NB02SED075F-02		NB02SED075F-03		NB02SED075F-04		NB02SED075F-05	
		Date Collected	11/6/2007		11/6/2007		11/6/2007		11/6/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007	
		Depth	21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	120	U	150	U	130	U	190	U	240	U	290		410		230	U	410	
2,4'-DDE	3424-82-6	ppb	120	U	150	U	130	U	190	U	240	U	330				230	U	260	
2,4'-DDT	789-02-6	ppb	120	U	150	U	130	U	190	U	240	U	220	U	210	U	230	U	230	U
4,4'-DDD	72-54-8	ppb	22		150	U	130	U	190	U	690		760		960		590		700	
4,4'-DDE	72-55-9	ppb	58		41		86		190	U	480		930		980		650		830	
4,4'-DDT	50-29-3	ppb	120		62		68		190	U	240	U	260		360		230	U	230	U
Aldrin	309-00-2	ppb	63	U	77	U	65	U	96	U	130		160		180		120	U	120	U
Alpha-BHC	319-84-6	ppb	63	U	77	U			96	U	130		29		81		120	U	120	U
Alpha-Chlordane	5103-71-9	ppb	63	U	77	U	65	U	96	U	160		210		380		120		140	
Aroclor-1016	12674-11-2	ppb	1200	U	1500	U	1300	U	1900	U	2400	U	2300	U	2100	U	2300	U	2300	U
Aroclor-1221	11104-28-2	ppb	1200	U	1500	U	1300	U	1900	U	2400	U	2300	U	2100	U	2300	U	2300	U
Aroclor-1232	11141-16-5	ppb	1200	U	1500	U	1300	U	1900	U	2400	U	2300	U	2100	U	2300	U	2300	U
Aroclor-1242	53469-21-9	ppb	1200	U	1500	U	1300	U	1900	U	5000		13000		17000		5400		9000	
Aroclor-1248	12672-29-6	ppb	1200	U	1500	U	1300	U	1900	U	2400	U	2300	U	2100	U	2300	U	2300	U
Aroclor-1254	11097-69-1	ppb	1500		1500	U	1300	U	1900	U	5500		13000		17000		7000		10000	
Aroclor-1260	11096-82-5	ppb	1300		1500	U	1300	U	1900	U	3300		6900		11000		4200		5900	
Aroclor-1262	37324-23-5	ppb	1200	U	1500	U	1300	U	1900	U	2400	U	2300	U	2100	U	2300	U	2300	U
Aroclor-1268	11100-14-4	ppb	3400		2600		1100		1900	U	2400	U	2300	U	2100	U	2300	U	2300	U
Beta-BHC	319-85-7	ppb	400		290						1800		93		89		93		54	
Delta-BHC	319-86-8	ppb	63	U	77	U	65	U	96	U	120	U	110	U	110	U	120	U	120	U
Dieldrin	60-57-1	ppb	50		31		130	U	190	U	95		230	U	240		230	U	230	U
Endosulfan I	959-98-8	ppb	63	U	77	U	65	U	96	U	120	U	110	U	110	U	120	U	120	U
Endosulfan II	33213-65-9	ppb	120	U	150	U	130	U	190	U	240	U	230	U	210	U	230	U	230	U
Endosulfan Sulfate	1031-07-8	ppb	120	U	150	U	72		190	U	240	U	230	U	210	U	230	U	230	U
Endrin	72-20-8	ppb	120	U	150	U	130	U	190	U	240	U	230	U	210	U	230	U	230	U
Endrin Aldehyde	7421-93-4	ppb	120	U	110		130	U	190	U	240	U	230	U	210	U	230	U	230	U
Endrin Ketone	53494-70-5	ppb	120	U	150	U	130	U	190	U	240	U	230	U	210	U	230	U	230	U
Gamma-BHC (Lindane)	58-89-9	ppb			77	U	65	U	96	U	120	U	110	U	110	U	120	U	120	U
Gamma-Chlordane	5566-34-7	ppb			77	U	65	U	96	U	150		290		430		130		160	
Heptachlor	76-44-8	ppb	63	U			65	U	96	U	120	U	140		180		120	U	80	
Heptachlor Epoxide	1024-57-3	ppb	63	U	77	U	65	U	96	U	120	U					130		150	
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	630	U	770	U	650	U	960	U	1200	U	1100	U	1100	U	1200	U	1200	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	63	U	77	U	65	U	96	U	310		500		810		240		310	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	6300		2600		1100		1900	U	14000		33000		43000		17000		25000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	200		100		150		190	U	1200		2600		2600		1200		2200	
Total DDT (2,4)	TDDT-24	ppb	120	U	150	U	130	U	190	U	240	U	620		410		230	U	670	
Total DDT (4,4)	TDDT-44	ppb	200		100		150		190	U	1200		2000		2300		1200		1500	
Toxaphene	8001-35-2	ppb	6300	U	7700	U	6500	U	9600	U	12000	U	11000	U	11000	U	12000	U	12000	U

Table B-7
TOC-Normalized Pesticides

		Location ID	NB02SED075		NB02SED075		NB02SED075		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076	
		Sample Name	NB02SED075F-06		NB02SED075F-07		NB02SED075F-08		NB02SED076D-01		NB02SED076D-02		NB02SED076D-03		NB02SED076D-04		NB02SED076D-05		NB02SED076D-06	
		Date Collected	12/7/2007		12/7/2007		12/7/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-10.7		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	230	U	190	U	200		250	U	130		150		170		190		260	
2,4'-DDE	3424-82-6	ppb	320		480		490		250	U	390		770		1000		760		810	
2,4'-DDT	789-02-6	ppb	230	U	190	U	230	U	250	U	210	U	280	U	310	U	180	U	160	U
4,4'-DDD	72-54-8	ppb	430		310		330		300		210	U	290	U	390		320		390	
4,4'-DDE	72-55-9	ppb	900		1400		1300		620		1300		2300		3100		2500		3200	
4,4'-DDT	50-29-3	ppb	240		340				250	U	210	U	290	U	310	U	440		320	
Aldrin	309-00-2	ppb	120		190				130	U	100	U	140	U	160	U	92	U	85	U
Alpha-BHC	319-84-6	ppb	120	U	94	U	100		130	U	24		38		48		92	U	85	U
Alpha-Chlordane	5103-71-9	ppb	160		230		260		81		100	U	140	U	160	U	93		75	
Aroclor-1016	12674-11-2	ppb	2300	U	1900	U	2300	U	2500	U	2100	U	2900	U	3100	U	1800	U	1600	U
Aroclor-1221	11104-28-2	ppb	2300	U	1900	U	2300	U	2500	U	2100	U	2900	U	3100	U	1800	U	1600	U
Aroclor-1232	11141-16-5	ppb	2300	U	1900	U	2300	U	2500	U	2100	U	2900	U	3100	U	1800	U	1600	U
Aroclor-1242	53469-21-9	ppb	9900		18000		22000		5800		20000		29000		29000		67000		37000	
Aroclor-1248	12672-29-6	ppb	2300	U	1900	U	2300	U	2500	U	2100	U	2900	U	3100	U	1800	U	1600	U
Aroclor-1254	11097-69-1	ppb	11000		18000		20000		7700		14000		19000		21000		51000		36000	
Aroclor-1260	11096-82-5	ppb	6700		9700		9500		3200		6500		7700		7700		11000		11000	
Aroclor-1262	37324-23-5	ppb	2300	U	1900	U	2300	U	2500	U	2100	U	2900	U	3100	U	1800	U	1600	U
Aroclor-1268	11100-14-4	ppb	2300	U	1900	U	2300	U	2500	U	2100	U	2900	U	3100	U	1800	U	1600	U
Beta-BHC	319-85-7	ppb	120	U	94	U	110	U	130	U	100	U	140	U	160	U				
Delta-BHC	319-86-8	ppb	120	U	94	U	110	U	130	U			140	U	160	U	92	U	85	U
Dieldrin	60-57-1	ppb	230	U			230	U	190		340		460		530		850		1100	
Endosulfan I	959-98-8	ppb	120	U	94	U	110	U	130	U	100	U	140	U	160	U	92	U	85	U
Endosulfan II	33213-65-9	ppb	230	U	190	U	230	U	250	U	210	U	290	U	310	U	180	U	160	U
Endosulfan Sulfate	1031-07-8	ppb	230	U	190	U	230	U	160		210	U	290	U	310	U	180	U	160	U
Endrin	72-20-8	ppb	230	U	190	U	230	U	250	U	210	U	290	U	310	U	180	U	160	U
Endrin Aldehyde	7421-93-4	ppb	230	U	190	U	270		250	U	230		290		300		460		370	
Endrin Ketone	53494-70-5	ppb	230	U	190	U	230	U	250	U	210	U	290	U	310	U	180	U	160	U
Gamma-BHC (Lindane)	58-89-9	ppb	120	U	94	U	110	U	130	U	100	U	140	U	160	U	92	U	85	U
Gamma-Chlordane	5566-34-7	ppb	210		430		450		130		210									
Heptachlor	76-44-8	ppb	96		190		230		130	U	160		230		290		92	U	260	
Heptachlor Epoxide	1024-57-3	ppb	170		270				170		260		500		630				510	
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1200	U	940	U	1100	U	1300	U	290		380		410		920	U	850	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	380		660		720		210		210		140	U	160	U	93		75	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	28000		46000		53000		17000		39000		58000		58000		130000		85000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	1900		2500		2300		920		1800		3200		4700		4300		4900	
Total DDT (2,4)	TDDT-24	ppb	320		480		680		250	U	520		930		1200		950		1100	
Total DDT (4,4)	TDDT-44	ppb	1600		2100		1700		920		1300		2300		3500		3300		3900	
Toxaphene	8001-35-2	ppb	12000	U	9400	U	11000	U	13000	U	10000	U	14000	U	16000	U	9200	U	8300	U

		Location ID	NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076	
		Sample Name	NB02SED076D-07		NB02SED076D-08		NB02SED076D-09		NB02SED076D-10		NB02SED076D-11		NB02SED076D-12		NB02SED076D-13		NB02SED076D-14		NB02SED076D-15			
		Date Collected	10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007			
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5			
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N			
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
2,4'-DDD	53-19-0	ppb	770		1400		1100		190	U	360	U	240	U	310	U	380	U	280	U		
2,4'-DDE	3424-82-6	ppb	3800		3700		4100		190	U	360	U	240	U	310	U	380	U	280	U		
2,4'-DDT	789-02-6	ppb	140	U	130	U	130	U	190	U	360	U	240	U	310	U	380	U	280	U		
4,4'-DDD	72-54-8	ppb	1500		2800		2400		190	U	360	U	240	U	310	U	380	U	280	U		
4,4'-DDE	72-55-9	ppb	9700		8600		11000		55		54		240	U	310	U	380	U	280	U		
4,4'-DDT	50-29-3	ppb	260		810		1000		94		360	U	240	U	310	U	380	U	280	U		
Aldrin	309-00-2	ppb	69	U	64	U	65	U	94	U	180	U	120	U	150	U	190	U	140	U		
Alpha-BHC	319-84-6	ppb	69	U	55		150		84		180	U	120	U	150	U	190	U	140	U		
Alpha-Chlordane	5103-71-9	ppb	46		20		65	U	94	U	180	U	120	U	150	U	190	U	140	U		
Aroclor-1016	12674-11-2	ppb	1400	U	1300	U	1300	U	1900	U	3600	U	2400	U	3100	U	3800	U	2800	U		
Aroclor-1221	11104-28-2	ppb	1400	U	1300	U	1300	U	1900	U	3600	U	2400	U	3100	U	3800	U	2800	U		
Aroclor-1232	11141-16-5	ppb	1400	U	1300	U	1300	U	1900	U	3600	U	2400	U	3100	U	3800	U	2800	U		
Aroclor-1242	53469-21-9	ppb	6600		1600		1300	U	1900	U	3600	U	2400	U	3100	U	3800	U	2800	U		
Aroclor-1248	12672-29-6	ppb	1400	U	1300	U	1300	U	1900	U	3600	U	2400	U	3100	U	3800	U	2800	U		
Aroclor-1254	11097-69-1	ppb	13000		6700		4300		2100		960		2400	U	3100	U	3800	U	2800	U		
Aroclor-1260	11096-82-5	ppb	6400		4100		3300		2100		3600	U	2400	U	3100	U	3800	U	2800	U		
Aroclor-1262	37324-23-5	ppb	1400	U	1300	U	1300	U	1900	U	3600	U	2400	U	3100	U	3800	U	2800	U		
Aroclor-1268	11100-14-4	ppb	1400	U	1300	U	1300	U	1700		830		2400	U	3100	U	3800	U	2800	U		
Beta-BHC	319-85-7	ppb	140		70		130		94	U	180	U	120	U	150	U	190	U	140	U		
Delta-BHC	319-86-8	ppb	69	U	64	U	65	U	94	U	180	U	120	U	150	U	190	U	140	U		
Dieldrin	60-57-1	ppb	280		130		89		45		360	U	240	U	310	U	380	U	280	U		
Endosulfan I	959-98-8	ppb	150		64	U	1500	U	94	U	180	U	120	U	150	U	190	U	140	U		
Endosulfan II	33213-65-9	ppb	140	U	130	U	130	U	190	U	360	U	240	U	51		380	U	280	U		
Endosulfan Sulfate	1031-07-8	ppb	230		180		170		190	U	120		50		78		380	U	280	U		
Endrin	72-20-8	ppb	140	U	37		38		190	U	360	U	240	U	310	U	380	U	280	U		
Endrin Aldehyde	7421-93-4	ppb	230		160		130	U	120		360	U	240	U	310	U	380	U	280	U		
Endrin Ketone	53494-70-5	ppb	140	U	130	U	130	U	190	U	100		240	U	310	U	380	U	280	U		
Gamma-BHC (Lindane)	58-89-9	ppb	69	U	64	U	65	U	94	U	180	U	120	U	150	U	190	U	140	U		
Gamma-Chlordane	5566-34-7	ppb	230				170		94	U	180	U	120	U	150	U	190	U	140	U		
Heptachlor	76-44-8	ppb	69	U	64	U	120		81		180	U	120	U	150	U	190	U	140	U		
Heptachlor Epoxide	1024-57-3	ppb					650	U	25		180	U	120	U	150	U	190	U	140	U		
Hexachlorobenzene	118-74-1	ppb																				
Methoxychlor	72-43-5	ppb	200		640	U	650	U	940	U	1800	U	1200	U	1500	U	1900	U	1400	U		
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	280		20		170		94	U	180	U	120	U	150	U	190	U	140	U		
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	26000		12000		7600		5800		1800		2400	U	3100	U	3800	U	2800	U		
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	16000		18000		21000		150		54		240	U	310	U	380	U	280	U		
Total DDT (2,4)	TDDT-24	ppb	4600		5200		5200		190	U	360	U	240	U	310	U	380	U	280	U		
Total DDT (4,4)	TDDT-44	ppb	12000		12000		15000		150		54		240	U	310	U	380	U	280	U		
Toxaphene	8001-35-2	ppb	6900	U	6400	U	6500	U	9400	U	18000	U	12000	U	15000	U	19000	U	14000	U		

Table B-7
TOC-Normalized Pesticides

		Location ID	NB02SED076		NB02SED076		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077	
		Sample Name	NB02SED076D-16		NB02SED076D-17		NB02SED077C-01		NB02SED077C-02		NB02SED077C-03		NB02SED077C-04		NB02SED077C-05		NB02SED077C-06		NB02SED077C-07	
		Date Collected	10/30/2007		10/30/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007	
		Depth	25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	280	U	820	U	210	U	200	U	180	U	150		300		150		140	
2,4'-DDE	3424-82-6	ppb	280	U	820	U	210	U	350		480		730		1100		260		130	U
2,4'-DDT	789-02-6	ppb	280	U	820	U	210	U	200	U	53		230	U	190	U	160	U	130	U
4,4'-DDD	72-54-8	ppb	280	U	820	U	250		230		180	U	230	U	430		160	U	130	U
4,4'-DDE	72-55-9	ppb	280	U	820	U	390		820		1300		2000		3700		1100		96	
4,4'-DDT	50-29-3	ppb	280	U	820	U	210	U	200	U	220		270		270		160		89	
Aldrin	309-00-2	ppb	140	U	400	U	110	U	99	U	94	U	110	U	95	U	79	U	65	U
Alpha-BHC	319-84-6	ppb	140	U	400	U	110	U	99	U	94	U	58		95	U	79	U	200	
Alpha-Chlordane	5103-71-9	ppb	140	U	400	U	59		99	U	94	U	110	U	95	U	79	U	65	U
Aroclor-1016	12674-11-2	ppb	2800	U	8200	U	2100	U	2000	U	1800	U	2300	U	1900	U	1600	U	1300	U
Aroclor-1221	11104-28-2	ppb	2800	U	8200	U	2100	U	2000	U	1800	U	2300	U	1900	U	1600	U	1300	U
Aroclor-1232	11141-16-5	ppb	2800	U	8200	U	2100	U	2000	U	1800	U	2300	U	1900	U	1600	U	1300	U
Aroclor-1242	53469-21-9	ppb	2800	U	8200	U	4600		15000		29000		48000		25000		12000		1300	U
Aroclor-1248	12672-29-6	ppb	2800	U	8200	U	2100	U	2000	U	1800	U	2300	U	1900	U	1600	U	1300	U
Aroclor-1254	11097-69-1	ppb	2800	U	8200	U	5600		13000		22000		32000		25000		13000		1300	U
Aroclor-1260	11096-82-5	ppb	2800	U	8200	U	4300		4700		6100		8000		8200		4200		1300	U
Aroclor-1262	37324-23-5	ppb	2800	U	8200	U	2100	U	2000	U	1800	U	2300	U	1900	U	1600	U	1300	U
Aroclor-1268	11100-14-4	ppb	2800	U	8200	U	2100	U	2000	U	1800	U	2300	U	1900	U	2000		1400	
Beta-BHC	319-85-7	ppb	140	U	400	U	110	U	99	U	94	U	110	U	95	U	83			
Delta-BHC	319-86-8	ppb	140	U	400	U	110	U	99	U	94	U	110	U	95	U	79	U	65	U
Dieldrin	60-57-1	ppb	280	U	820	U	160		220		350		480		550		310		130	U
Endosulfan I	959-98-8	ppb	140	U	400	U	110	U	99	U	94	U	110	U	95	U	79	U	65	U
Endosulfan II	33213-65-9	ppb	280	U	820	U	210	U	32		180	U	230	U	49		35		130	U
Endosulfan Sulfate	1031-07-8	ppb	280	U	820	U	170		130		180	U	230	U	190	U	160	U	110	
Endrin	72-20-8	ppb	280	U	820	U	210	U	200	U	180	U	230	U	190	U	160	U	130	U
Endrin Aldehyde	7421-93-4	ppb	280	U	820	U	210	U	150		230		230	U	270		160	U	130	U
Endrin Ketone	53494-70-5	ppb	280	U	820	U	210	U	200	U	180	U	230	U	190	U	160	U	130	U
Gamma-BHC (Lindane)	58-89-9	ppb	140	U	400	U	110	U	99	U	94	U	110	U	95	U	79	U	65	U
Gamma-Chlordane	5566-34-7	ppb	140	U	400	U	120		120		140				280	U	79	U	65	U
Heptachlor	76-44-8	ppb	140	U	400	U	110	U	99	U	94	U	450		95	U	79	U	600	
Heptachlor Epoxide	1024-57-3	ppb	140	U	400	U	110		190		240		420		550		140		65	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1400	U	4000	U	1100	U	990	U	210		1100	U	950	U	790	U	650	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	140	U	400	U	170		120		140		110	U	280	U	79	U	65	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	2800	U	8200	U	14000		32000		59000		89000		58000		31000		1400	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	280	U	820	U	660		1400		2000		3200		5800		1600		330	
Total DDT (2,4)	TDDT-24	ppb	280	U	820	U	210	U	350		530		890		1400		420		140	
Total DDT (4,4)	TDDT-44	ppb	280	U	820	U	660		1000		1500		2300		4300		1200		180	
Toxaphene	8001-35-2	ppb	14000	U	40000	U	11000	U	9900	U	9400	U	11000	U	9500	U	7900	U	6500	U

Table B-7
TOC-Normalized Pesticides

		Location ID	NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078	
		Sample Name	NB02SED077C-08		NB02SED077C-09		NB02SED077C-10		NB02SED077C-11		NB02SED078H-02		NB02SED078H-03		NB02SED078H-04		NB02SED078H-05		NB02SED078H-06	
		Date Collected	11/15/2007		11/15/2007		11/15/2007		11/15/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007	
		Depth	9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		Y		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	190	U	170	U	210	U	400	U	230	U	220	U	170	U	160	U	160	
2,4'-DDE	3424-82-6	ppb	190	U	170	U	210	U	400	U	260		380		380		440		570	
2,4'-DDT	789-02-6	ppb	190	U	170	U	210	U	400	U	230	U	220	U	170	U	160	U	160	U
4,4'-DDD	72-54-8	ppb	190	U	170	U	210	U	400	U	290		230		190		170		260	
4,4'-DDE	72-55-9	ppb	30		170	U	210	U	400	U	570		960		1000		1600		1300	
4,4'-DDT	50-29-3	ppb	190	U	32		210	U	400	U	230	U	220	U	620		440		190	
Aldrin	309-00-2	ppb	91	U	14		100	U	200	U	120	U	110	U	88	U	83	U	81	U
Alpha-BHC	319-84-6	ppb	91	U	83	U	30		200	U	120	U	110	U	88	U	83	U	26	
Alpha-Chlordane	5103-71-9	ppb	91	U	83	U	100	U	200	U	64		55		79		100		110	
Aroclor-1016	12674-11-2	ppb	1900	U	1700	U	2100	U	4000	U	2300	U	2200	U	1700	U	1700	U	1600	U
Aroclor-1221	11104-28-2	ppb	1900	U	1700	U	2100	U	4000	U	2300	U	2200	U	1700	U	1700	U	1600	U
Aroclor-1232	11141-16-5	ppb	1900	U	1700	U	2100	U	4000	U	2300	U	2200	U	1700	U	1700	U	1600	U
Aroclor-1242	53469-21-9	ppb	1900	U	1700	U	2100	U	4000	U	6400		11000		15000		30000		22000	
Aroclor-1248	12672-29-6	ppb	1900	U	1700	U	2100	U	4000	U	2300	U	2200	U	1700	U	1700	U	1600	U
Aroclor-1254	11097-69-1	ppb	1900	U	1700	U	2100	U	4000	U	8100		13000		14000		15000		18000	
Aroclor-1260	11096-82-5	ppb	1900	U	1700	U	2100	U	4000	U	3900		6100		6400		5900		7100	
Aroclor-1262	37324-23-5	ppb	1900	U	1700	U	2100	U	4000	U	2300	U	2200	U	1700	U	1700	U	1600	U
Aroclor-1268	11100-14-4	ppb	1900	U	1700	U	2100	U	4000	U	2300	U	2200	U	1700	U	1700	U	1600	U
Beta-BHC	319-85-7	ppb	61		83	U	100	U	200	U	120	U	100		110				110	
Delta-BHC	319-86-8	ppb	91	U	83	U	100	U	200	U	120	U	110	U	88	U	83	U	81	U
Dieldrin	60-57-1	ppb	190	U	170	U	210	U	400	U	170		240		260		310		380	
Endosulfan I	959-98-8	ppb	91	U	83	U	100	U	200	U	120	U	110	U	88	U	83	U	81	U
Endosulfan II	33213-65-9	ppb	190	U	170	U	210	U	400	U	230	U	220	U	170	U	170	U	160	U
Endosulfan Sulfate	1031-07-8	ppb	190	U	170	U	210	U	400	U	160		160		170	U	170	U	160	U
Endrin	72-20-8	ppb	190	U	170	U	210	U	400	U	230	U	220	U	170	U	170	U	160	U
Endrin Aldehyde	7421-93-4	ppb	190	U	170	U	210	U	400	U	230	U	220	U	200		230		280	
Endrin Ketone	53494-70-5	ppb	190	U	37		210	U	400	U	230	U	220	U	170	U	170	U	160	U
Gamma-BHC (Lindane)	58-89-9	ppb	91	U	83	U	100	U	200	U	120	U	110	U	88	U	83	U	81	U
Gamma-Chlordane	5566-34-7	ppb	91	U	83	U	100	U	200	U	120	U	110	U	120		180		220	
Heptachlor	76-44-8	ppb	91	U	83	U	100	U	200	U	120	U	110	U	88	U	250		81	U
Heptachlor Epoxide	1024-57-3	ppb	91	U	83	U	100	U	200	U	140		200		180		210		260	
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	910	U	830	U	1000	U	2000	U	1200	U	230		210		230		810	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	91	U	83	U	100	U	200	U	64		55		200		290		320	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	1900	U	1700	U	2100	U	4000	U	18000		29000		34000		51000		47000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	30		32		210	U	400	U	1100		1600		2400		2600		2400	
Total DDT (2,4)	TDDT-24	ppb	190	U	170	U	210	U	400	U	260		380		380		440		730	
Total DDT (4,4)	TDDT-44	ppb	30		32		210	U	400	U	850		1200		1900		2100		1800	
Toxaphene	8001-35-2	ppb	9100	U	8300	U	10000	U	20000	U	12000	U	11000	U	8800	U	8300	U	8100	U

		Location ID	NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078	
		Sample Name	NB02SED078H-07		NB02SED078H-08		NB02SED078H-09		NB02SED078H-10		NB02SED078H-11		NB02SED078H-12		NB02SED078H-13		NB02SED078H-14		NB02SED078H-15	
		Date Collected	10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	180		210		210		170		250		290		320		240			
2,4'-DDE	3424-82-6	ppb	790		900		880		850		960		1100		960		630		1500	
2,4'-DDT	789-02-6	ppb	210	U	150	U	130	U	120	U	110	U	150	U	130	U	110	U	35	
4,4'-DDD	72-54-8	ppb	290				290		200		280		370		420		320		490	
4,4'-DDE	72-55-9	ppb	2000		1700		2100		1600		2200		2100		3000		2600		3400	
4,4'-DDT	50-29-3	ppb	300		540		400		380		460		760		420		320		350	
Aldrin	309-00-2	ppb	100	U	79	U	67	U	63	U	390		160	U	130	U	58	U	51	U
Alpha-BHC	319-84-6	ppb	46		63		67	U	63	U	120		140		92		120	U	120	
Alpha-Chlordane	5103-71-9	ppb	150		140		96		99		100		140		120		63		110	
Aroclor-1016	12674-11-2	ppb	2100	U	1600	U	1300	U	1200	U	1100	U	1500	U	1300	U	1100	U	980	U
Aroclor-1221	11104-28-2	ppb	2100	U	1600	U	1300	U	1200	U	1100	U	1500	U	1300	U	1100	U	980	U
Aroclor-1232	11141-16-5	ppb	2100	U	1600	U	1300	U	1200	U	1100	U	1500	U	1300	U	1100	U	980	U
Aroclor-1242	53469-21-9	ppb	43000		77000		83000		82000		130000		99000		55000		15000		32000	
Aroclor-1248	12672-29-6	ppb	2100	U	1600	U	1300	U	1200	U	1100	U	1500	U	1300	U	1100	U	980	U
Aroclor-1254	11097-69-1	ppb	27000		56000		52000		47000		62000		56000		47000		15000		32000	
Aroclor-1260	11096-82-5	ppb	13000		25000		14000		13000		16000		17000		15000		5200		16000	
Aroclor-1262	37324-23-5	ppb	2100	U	1600	U	1300	U	1200	U	1100	U	1500	U	1300	U	1100	U	980	U
Aroclor-1268	11100-14-4	ppb	2100	U	1600	U	1300	U	1200	U	1100	U	1500	U	1300	U	1100	U	980	U
Beta-BHC	319-85-7	ppb	180										150	U	130	U	120	U	150	U
Delta-BHC	319-86-8	ppb	100	U	79	U	67	U	63	U	56	U	76	U	66	U			150	U
Dieldrin	60-57-1	ppb	610		1000		740		670		740		1100		1300		1300		540	
Endosulfan I	959-98-8	ppb	100	U	79	U	67	U	63	U	56	U	76	U	66	U	58	U	150	U
Endosulfan II	33213-65-9	ppb	210	U	160	U	130	U	120	U	110	U	150	U	130	U	110	U	54	
Endosulfan Sulfate	1031-07-8	ppb	210	U			130	U	120	U	340	U	310	U	180		140		190	
Endrin	72-20-8	ppb	210	U	160	U	130	U	120	U	110	U	140		130	U	130		290	U
Endrin Aldehyde	7421-93-4	ppb	400		600		400		360		410		600		470		370		330	
Endrin Ketone	53494-70-5	ppb	210	U	160	U	130	U	120	U	110	U	150	U	130	U	110	U	98	U
Gamma-BHC (Lindane)	58-89-9	ppb	100	U	79	U	67	U	63	U	170	U	76	U	66	U	95		120	
Gamma-Chlordane	5566-34-7	ppb	260								310				280		210			
Heptachlor	76-44-8	ppb	100	U	79	U	67	U	63	U	56	U	76	U	66	U			150	U
Heptachlor Epoxide	1024-57-3	ppb																	610	
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1000	U	790	U	670	U	630	U	560	U	760	U	660	U	560	U	510	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	400		140		96		99		410		140		400		270		110	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	82000		160000		150000		140000		210000		170000		120000		35000		80000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	3700		3500		3800		3100		4100		4500		5100		4000		5800	
Total DDT (2,4)	TDDT-24	ppb	980		1100		1100		1000		1200		1400		1300		870		1500	
Total DDT (4,4)	TDDT-44	ppb	2600		2300		2800		2200		3000		3300		3800		3200		4300	
Toxaphene	8001-35-2	ppb	10000	U	7900	U	6700	U	6300	U	5600	U	7600	U	6600	U	5600	U	4900	U

Table B-7
TOC-Normalized Pesticides

		Location ID	NB02SED078		NB02SED078		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079	
		Sample Name	NB02SED078H-16		NB02SED078H-17		NB02SED079C-01		NB02SED079C-02		NB02SED079C-03		NB02SED079C-04		NB02SED079C-05		NB02SED079C-06		NB02SED079C-07	
		Date Collected	10/25/2007		10/25/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007	
		Depth	25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	870		420		240	U	110		120		130		170		1000		1000	
2,4'-DDE	3424-82-6	ppb	2800		3300		240	U	340		490		500		630		2200		3100	
2,4'-DDT	789-02-6	ppb	110	U	110	U	240	U	220	U	200	U	180	U	180	U	160	U	120	U
4,4'-DDD	72-54-8	ppb	1100		960		180		150		200	U	180	U	220		960		1200	
4,4'-DDE	72-55-9	ppb	6900		8300		360		840		1100		1200		2700		5600		5700	
4,4'-DDT	50-29-3	ppb	220		180		240	U	230	U	240		230		230		220		220	
Aldrin	309-00-2	ppb	58	U	25		120	U	110	U	100	U	90	U	90	U	81	U	61	U
Alpha-BHC	319-84-6	ppb	65		49		120	U	24		100	U	90	U	48		62		57	
Alpha-Chlordane	5103-71-9	ppb	47		26		56		95		100	U	90	U	71		86		16	
Aroclor-1016	12674-11-2	ppb	1100	U	1100	U	2400	U	2300	U	2000	U	1800	U	1800	U	1600	U	1200	U
Aroclor-1221	11104-28-2	ppb	1100	U	1100	U	2400	U	2300	U	2000	U	1800	U	1800	U	1600	U	1200	U
Aroclor-1232	11141-16-5	ppb	1100	U	1100	U	2400	U	2300	U	2000	U	1800	U	1800	U	1600	U	1200	U
Aroclor-1242	53469-21-9	ppb	7100		3900		4300		21000		42000		48000		31000		13000		1500	
Aroclor-1248	12672-29-6	ppb	1100	U	1100	U	2400	U	2300	U	2000	U	1800	U	1800	U	1600	U	1200	U
Aroclor-1254	11097-69-1	ppb	14000		9000		5600		16000		27000		25000		22000		18000		6400	
Aroclor-1260	11096-82-5	ppb	7600		5600		2400		4800		6200		4800		5900		6700		2700	
Aroclor-1262	37324-23-5	ppb	1100	U	1100	U	2400	U	2300	U	2000	U	1800	U	1800	U	1600	U	1200	U
Aroclor-1268	11100-14-4	ppb	1100	U	1100	U	2400	U	2300	U	2000	U	1800	U	1800	U	1600	U	1200	U
Beta-BHC	319-85-7	ppb	280	U	260	U	120	U	110	U			90	U	90	U	88		85	
Delta-BHC	319-86-8	ppb	58	U	54	U	120	U	110	U	100	U	670		90	U	81	U	61	U
Dieldrin	60-57-1	ppb	280		170		120		280		570		440		700		390		120	
Endosulfan I	959-98-8	ppb	130		79		120	U	110	U	100	U	90	U	90	U	97		61	U
Endosulfan II	33213-65-9	ppb	110	U	100	U	240	U	230	U	200	U	180	U	180	U	51		120	U
Endosulfan Sulfate	1031-07-8	ppb	220		170		89		230	U	200	U	180	U	180	U	170		120	U
Endrin	72-20-8	ppb	110	U	100	U	240	U	230	U	200	U	180	U	86		160	U	25	
Endrin Aldehyde	7421-93-4	ppb	220		170		240	U	190		270		210		260		210		120	
Endrin Ketone	53494-70-5	ppb	110	U	100	U	240	U	230	U	200	U	180	U	180	U	160	U	120	U
Gamma-BHC (Lindane)	58-89-9	ppb	58	U	54	U	120	U	110	U	100	U	90	U	90	U	81	U	61	U
Gamma-Chlordane	5566-34-7	ppb	190		110		120	U	190											
Heptachlor	76-44-8	ppb	58	U	53	U	120	U	110	U	100	U	90	U	220		81	U	61	U
Heptachlor Epoxide	1024-57-3	ppb			260	U	120	U							340		540			
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	570	U	530	U	1200	U	1100	U	1000	U	900	U	900	U	210		610	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	240		140		56		280		100	U	90	U	160		86		16	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	28000		18000		12000		42000		77000		77000		59000		37000		11000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	12000		13000		530		1500		2000		2100		4000		10000		11000	
Total DDT (2,4)	TDDT-24	ppb	3800		3800		240	U	450		620		630		790		3400		4200	
Total DDT (4,4)	TDDT-44	ppb	8200		9400		530		980		1300		1500		3100		6700		7000	
Toxaphene	8001-35-2	ppb	5700	U	5300	U	12000	U	11000	U	10000	U	9000	U	9000	U	7900	U	6100	U

		Location ID	NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED080		NB02SED080		NB02SED080	
		Sample Name	NB02SED079C-08		NB02SED079C-09		NB02SED079C-10		NB02SED079C-11		NB02SED079C-12		NB02SED079C-13		NB02SED080C-01		NB02SED080C-02		NB02SED080C-03	
		Date Collected	10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		11/27/2007		11/27/2007		11/27/2007	
		Depth	9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		0.0-0.5		0.5-1.5		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	660		80		140	U	140	U	340	U	1700	U			270	U	280	U
2,4'-DDE	3424-82-6	ppb	2400		130	U	140	U	140	U	340	U	1700	U			270	U	240	
2,4'-DDT	789-02-6	ppb	120	U	130	U	140	U	140	U	340	U	1700	U	280	U	270	U	280	U
4,4'-DDD	72-54-8	ppb	990		130	U	140	U	140	U	340	U	1700	U	380		330		230	
4,4'-DDE	72-55-9	ppb	6400		56		140	U	23		340	U	1700	U	610		670		780	
4,4'-DDT	50-29-3	ppb	130		130	U	69		30		340	U	1700	U	280	U	270	U	280	U
Aldrin	309-00-2	ppb	61	U	67	U	73	U	72	U	170	U	880	U	140	U	140	U	140	U
Alpha-BHC	319-84-6	ppb	96		240		62		23		170	U	880	U	140	U	140	U	140	U
Alpha-Chlordane	5103-71-9	ppb	61	U	67	U	73	U	72	U	170	U	880	U	130		95		53	
Aroclor-1016	12674-11-2	ppb	1200	U	1300	U	1400	U	1400	U	3400	U	17000	U	2800	U	2700	U	2800	U
Aroclor-1221	11104-28-2	ppb	1200	U	1300	U	1400	U	1400	U	3400	U	17000	U	2800	U	2700	U	2800	U
Aroclor-1232	11141-16-5	ppb	1200	U	1300	U	1400	U	1400	U	3400	U	17000	U	2800	U	2700	U	2800	U
Aroclor-1242	53469-21-9	ppb	1200	U	1300	U	1400	U	1400	U	3400	U	17000	U	3600		3800		4900	
Aroclor-1248	12672-29-6	ppb	1200	U	1300	U	1400	U	1400	U	3400	U	17000	U	2800	U	2700	U	2800	U
Aroclor-1254	11097-69-1	ppb	3100		1900		1000		570		3400	U	17000	U	5700		6700		7800	
Aroclor-1260	11096-82-5	ppb	2100		2400		1600		1400	U	3400	U	17000	U	2500		2900		3300	
Aroclor-1262	37324-23-5	ppb	1200	U	1300	U	1400	U	1400	U	3400	U	17000	U	2800	U	2700	U	2800	U
Aroclor-1268	11100-14-4	ppb	1200	U	1700		3300		2100		3400	U	17000	U	2800	U	2700	U	2800	U
Beta-BHC	319-85-7	ppb	85		91		94		57		170	U	880	U	140	U	140	U	140	U
Delta-BHC	319-86-8	ppb	61	U	67	U	73	U	72	U	170	U	880	U	140	U	140	U	140	U
Dieldrin	60-57-1	ppb	60		46		31		20		340	U	1700	U	65		43		140	U
Endosulfan I	959-98-8	ppb	61	U	67	U	73	U	72	U	170	U	880	U	140	U	140	U	140	U
Endosulfan II	33213-65-9	ppb	120	U	130	U	140	U	140	U	340	U	1700	U	280	U	270	U	280	U
Endosulfan Sulfate	1031-07-8	ppb	120	U	130		130		79		340	U	1700	U	210		150		280	U
Endrin	72-20-8	ppb	120	U	130	U	140	U	140	U	340	U	1700	U	280	U	270	U	70	
Endrin Aldehyde	7421-93-4	ppb	120	U	130	U	140	U	57		340	U	1700	U	280	U	270	U	280	U
Endrin Ketone	53494-70-5	ppb	120	U	130	U	140	U	140	U	340	U	1700	U	280	U	71		280	U
Gamma-BHC (Lindane)	58-89-9	ppb	61	U	67	U	73	U	72	U	170	U	880	U	140	U	140	U	140	U
Gamma-Chlordane	5566-34-7	ppb	61	U	35		73	U	72	U	170	U	880	U	150		140	U	140	U
Heptachlor	76-44-8	ppb	92		130		100		72	U	170	U	880	U	46		43		53	
Heptachlor Epoxide	1024-57-3	ppb	61	U	67	U	73	U	72	U	170	U	880	U	140	U	150		160	
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	610	U	670	U	730	U	720	U	1700	U	8800	U	1400	U	1400	U	1400	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	61	U	35		73	U	72	U	170	U	880	U	280		95		53	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	5200		5900		6000		2800		3400	U	17000	U	12000		13000		16000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	11000		140		69		53		340	U	1700	U	1000		990		1200	
Total DDT (2,4)	TDDT-24	ppb	3100		80		140	U	140	U	340	U	1700	U	280	U	270	U	240	
Total DDT (4,4)	TDDT-44	ppb	7500		56		69		53		340	U	1700	U	1000		990		1000	
Toxaphene	8001-35-2	ppb	6100	U	6700	U	7300	U	7200	U	17000	U	88000	U	14000	U	14000	U	14000	U

		Location ID	NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED082		NB02SED082		NB02SED082	
		Sample Name	NB02SED080C-04		NB02SED080C-05		NB02SED080C-06		NB02SED080C-07		NB02SED080C-08		NB02SED080C-09		NB02SED082B-01		NB02SED082B-02		NB02SED082B-03	
		Date Collected	11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/19/2007		11/19/2007		11/19/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	210	U	180	U	170	U	200	U	170		54						290	
2,4'-DDE	3424-82-6	ppb	280		300		380		610		600		300	U					830	
2,4'-DDT	789-02-6	ppb	210	U	180	U	170	U	200	U	170	U	300	U	140	U	170	U	90	
4,4'-DDD	72-54-8	ppb	260		190		250		350		370		81		1300		1100		770	
4,4'-DDE	72-55-9	ppb	940		1300		1100		1900		1900		190		1100		1300		1500	
4,4'-DDT	50-29-3	ppb	210	U	250		210		290		370		68		1200		430		1400	
Aldrin	309-00-2	ppb	110	U	93	U	85	U	99	U			150	U			85	U	86	U
Alpha-BHC	319-84-6	ppb	110	U	14		17		25		27		25		71	U	85	U	29	
Alpha-Chlordane	5103-71-9	ppb	61		120		100		130		87	U	150	U	190		100		94	
Aroclor-1016	12674-11-2	ppb	2100	U	1900	U	1700	U	2000	U	1700	U	3000	U	1400	U	1700	U	1700	U
Aroclor-1221	11104-28-2	ppb	2100	U	1900	U	1700	U	2000	U	1700	U	3000	U	1400	U	1700	U	1700	U
Aroclor-1232	11141-16-5	ppb	2100	U	1900	U	1700	U	2000	U	1700	U	3000	U	1400	U	1700	U	1700	U
Aroclor-1242	53469-21-9	ppb	6600		20000		16000		29000		40000		4000		7600		15000		47000	
Aroclor-1248	12672-29-6	ppb	2100	U	1900	U	1700	U	2000	U	1700	U	3000	U	1400	U	1700	U	1700	U
Aroclor-1254	11097-69-1	ppb	9100		14000		16000		28000		37000		3600		14000		21000		26000	
Aroclor-1260	11096-82-5	ppb	4200		4700		5500		8800		7400		3000	U	2600		5600		5300	
Aroclor-1262	37324-23-5	ppb	2100	U	1900	U	1700	U	2000	U	1700	U	3000	U	1400	U	1700	U	1700	U
Aroclor-1268	11100-14-4	ppb	2100	U	1900	U	1700	U	2000	U	1700	U	3000	U	1400	U	1700	U	1700	U
Beta-BHC	319-85-7	ppb	110	U	93	U	85	U	99	U	87	U	150	U					670	
Delta-BHC	319-86-8	ppb	110	U	93	U	85	U	99	U	87	U	87				85	U	86	U
Dieldrin	60-57-1	ppb	210	U	89		120		200		270		300	U					280	
Endosulfan I	959-98-8	ppb	110	U	93	U	85	U	99	U	87	U	150	U	71	U	85	U	86	U
Endosulfan II	33213-65-9	ppb	210	U	190	U	170	U	200	U	170	U	300	U	140	U	170	U	170	U
Endosulfan Sulfate	1031-07-8	ppb	210	U	190	U	170	U	200	U	170	U	110				170	U	170	U
Endrin	72-20-8	ppb	61		63		74		110		110		300	U	140	U	170	U	170	U
Endrin Aldehyde	7421-93-4	ppb	210	U	190	U	170	U	200	U	170	U	300	U	520		380			
Endrin Ketone	53494-70-5	ppb	210	U	190	U	170	U	200	U	170	U	300	U	1200		300		170	U
Gamma-BHC (Lindane)	58-89-9	ppb	110	U	93	U	85	U	99	U	87	U	150	U			85	U	86	U
Gamma-Chlordane	5566-34-7	ppb	110	U	230		380						150	U	360		160			
Heptachlor	76-44-8	ppb	66		230		160		320		420		68				85	U	86	U
Heptachlor Epoxide	1024-57-3	ppb	160										150	U	310		380		410	
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1100	U	930	U	850	U	990	U	870	U	1500	U	710	U	850	U	240	
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	61		350		490		130		87	U	150	U	550		280		94	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	20000		38000		38000		64000		84000		7500		24000		41000		79000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	1500		2100		2000		3200		3500		400		3600		2800		4900	
Total DDT (2,4)	TDDT-24	ppb	280		300		380		610		770		54		140	U	170	U	1200	
Total DDT (4,4)	TDDT-44	ppb	1200		1800		1600		2500		2700		340		3600		2800		3700	
Toxaphene	8001-35-2	ppb	11000	U	9300	U	8500	U	9900	U	8700	U	15000	U	7100	U	8500	U	8600	U

		Location ID	NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED088		NB02SED088		NB02SED088	
		Sample Name	NB02SED082B-04		NB02SED082B-05		NB02SED082B-06		NB02SED082B-07		NB02SED082B-08		NB02SED082B-08		NB02SED088G-01		NB02SED088G-02		NB02SED088G-03	
		Date Collected	11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/13/2007		11/13/2007		11/13/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-12.0		9.5-12.0		0.0-0.5		0.5-1.5		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	190				160	U					1200		150	U	84	U	76	U
2,4'-DDE	3424-82-6	ppb	550						1600				8500		150	U	84	U	76	U
2,4'-DDT	789-02-6	ppb	73		250		160	U	140	U			120	U	150	U	84	U		
4,4'-DDD	72-54-8	ppb	360		300		270		350				2400		270		83	U	75	U
4,4'-DDE	72-55-9	ppb	1100		1400		1800		2500				13000		140		83	U	130	
4,4'-DDT	50-29-3	ppb			390		420		1100				1200		150	U				
Aldrin	309-00-2	ppb	92	U	82	U	83	U	68	U			96	U	22		41	U	38	U
Alpha-BHC	319-84-6	ppb	30		53		47		78				96	U	77	U	22		38	U
Alpha-Chlordane	5103-71-9	ppb	100		140		98		180				100		14		41	U	150	
Aroclor-1016	12674-11-2	ppb	1800	U	1600	U	1700	U	2700	U			1200	U	1500	U	840	U	760	U
Aroclor-1221	11104-28-2	ppb	1800	U	1600	U	1700	U	2700	U			1200	U	1500	U	840	U	760	U
Aroclor-1232	11141-16-5	ppb	1800	U	1600	U	1700	U	2700	U			1200	U	1500	U	840	U	760	U
Aroclor-1242	53469-21-9	ppb	26000		55000		120000		190000				21000		840		840	U	760	U
Aroclor-1248	12672-29-6	ppb	1800	U	1600	U	1700	U	2700	U			1200	U	1500	U	840	U	760	U
Aroclor-1254	11097-69-1	ppb	23000		41000		92000		130000				54000		1000		840	U	760	U
Aroclor-1260	11096-82-5	ppb	3800		6600		9400		12000				13000		490		840	U	760	U
Aroclor-1262	37324-23-5	ppb	1800	U	1600	U	1700	U	2700	U			1200	U	1500	U	840	U	760	U
Aroclor-1268	11100-14-4	ppb	1800	U	1600	U	1700	U	2700	U			1200	U	1500	U	840	U	760	U
Beta-BHC	319-85-7	ppb	280				330		1600				140		77	U	160			
Delta-BHC	319-86-8	ppb	92	U	82	U	83	U	3500				96	U	77	U	41	U	38	U
Dieldrin	60-57-1	ppb	240										1000		150	U	83	U	37	
Endosulfan I	959-98-8	ppb	92	U	82	U	83	U	68	U			430		77	U	10		38	U
Endosulfan II	33213-65-9	ppb	180	U	160	U	170	U	140	U			630	U	150	U	110		120	
Endosulfan Sulfate	1031-07-8	ppb	180	U	160	U	170	U	140	U			200	U	150	U	400		300	
Endrin	72-20-8	ppb	180	U	160	U	150		230				200	U	150	U	83	U	76	
Endrin Aldehyde	7421-93-4	ppb	190		170		420		410	U					150	U	83	U	75	U
Endrin Ketone	53494-70-5	ppb	180	U	230		170	U	140	U			120		98		120		190	
Gamma-BHC (Lindane)	58-89-9	ppb	92	U	48		69		68	U			96	U	77	U	41	U	38	U
Gamma-Chlordane	5566-34-7	ppb	180		500		960		1300				960	U	77	U	84		170	
Heptachlor	76-44-8	ppb	92	U	82	U	83	U					96	U	77	U	41	U	38	U
Heptachlor Epoxide	1024-57-3	ppb									690				77	U	41	U		
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	920	U	820	U	830	U	680	U			960	U	770	U	380		380	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	280		640		1000		1500				100		14		84		320	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	53000		100000		220000		330000				88000		2400		840	U	760	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	2300		2300		2500		5400				26000		420		84	U	76	U
Total DDT (2,4)	TDDT-24	ppb	810		250		160	U	1600				9700		150	U	84	U	76	U
Total DDT (4,4)	TDDT-44	ppb	1500		2100		2500		3900				17000		420		83	U	75	U
Toxaphene	8001-35-2	ppb	9200	U	8200	U	8300	U	6800	U			9600	U	7700	U	4100	U	3800	U

		Location ID	NB02SED088		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089	
		Sample Name	NB02SED088G-04		NB02SED089C-01		NB02SED089C-02		NB02SED089C-03		NB02SED089C-04		NB02SED089C-05		NB02SED089C-06		NB02SED089C-07		NB02SED089C-08	
		Date Collected	11/13/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	100	U	240		330		160		170		320		400		350		1200	
2,4'-DDE	3424-82-6	ppb	100	U	410		940		1100		1300		1500		1800		2100		3600	
2,4'-DDT	789-02-6	ppb	100	U	36		61		150	U	140	U	130		110	U	130	U	430	U
4,4'-DDD	72-54-8	ppb	100	U	740		590		330		370		600		720		640		1000	
4,4'-DDE	72-55-9	ppb	100	U	1300		2900		2900		3200		3800		6300		5900		9800	
4,4'-DDT	50-29-3	ppb	100	U	380		500		510		660		680		770		590		310	
Aldrin	309-00-2	ppb	52	U	100	U	92	U	77	U	290	U	360	U	58	U	330	U	95	
Alpha-BHC	319-84-6	ppb	52	U	100	U	92	U	77	U	97		200		150		67	U	93	
Alpha-Chlordane	5103-71-9	ppb	52	U	82		150		140		190		230		180		140		130	
Aroclor-1016	12674-11-2	ppb	1000	U	2100	U	1800	U	1500	U	1400	U	1400	U	2300	U	1300	U	1100	U
Aroclor-1221	11104-28-2	ppb	1000	U	2100	U	1800	U	1500	U	1400	U	1400	U	2300	U	1300	U	1100	U
Aroclor-1232	11141-16-5	ppb	1000	U	2100	U	1800	U	1500	U	1400	U	1400	U	2300	U	1300	U	1100	U
Aroclor-1242	53469-21-9	ppb	1000	U	5100		33000		62000		80000		70000		64000		29000		14000	
Aroclor-1248	12672-29-6	ppb	1000	U	2100	U	1800	U	1500	U	1400	U	1400	U	2300	U	1300	U	1100	U
Aroclor-1254	11097-69-1	ppb	1000	U	6400		25000		42000		49000		52000		50000		29000		14000	
Aroclor-1260	11096-82-5	ppb	1000	U	2200		6100		7100		8200		6700		9100		9200		9000	
Aroclor-1262	37324-23-5	ppb	1000	U	2100	U	1800	U	1500	U	1400	U	1400	U	2300	U	1300	U	1100	U
Aroclor-1268	11100-14-4	ppb	1000	U	2100	U	1800	U	1500	U	1400	U	1400	U	2300	U	1300	U	1100	U
Beta-BHC	319-85-7	ppb	52	U	100	U	92	U	240	U	290	U	470		300		220		260	
Delta-BHC	319-86-8	ppb	30		99		92	U	77	U	290	U	360	U	580	U	67	U	310	
Dieldrin	60-57-1	ppb	100	U	210	U	190		310		570	U	710	U	850		570		450	
Endosulfan I	959-98-8	ppb	52	U	100	U	92	U	240	U	290	U	360	U	580	U	330	U	190	
Endosulfan II	33213-65-9	ppb	42		210	U	180	U	150	U	570	U	710	U	1200	U	130	U	110	
Endosulfan Sulfate	1031-07-8	ppb			210	U	180	U	150	U	140	U	140	U	110	U	130	U	110	U
Endrin	72-20-8	ppb	28		210	U	180	U	460	U	570	U	710	U	1200	U	130	U	110	U
Endrin Aldehyde	7421-93-4	ppb	100	U	210	U	180	U	150	U	140	U	440	U	1200	U	130	U		
Endrin Ketone	53494-70-5	ppb	54		210	U	180	U	150	U	140	U	140	U	110	U	130	U	110	U
Gamma-BHC (Lindane)	58-89-9	ppb	52	U	100	U	92	U	240	U	290	U	360	U	580	U	67	U	54	U
Gamma-Chlordane	5566-34-7	ppb	72												580	U			540	U
Heptachlor	76-44-8	ppb	52	U	51		310		660		1100		890		670		290		54	U
Heptachlor Epoxide	1024-57-3	ppb	52	U	280		610		820		1000		1200		1100		1100			
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	520	U	1000	U	920	U	770	U	710	U	210		580	U	670	U	120	
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	72		82		150		140		190		230		180		140		130	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	1000	U	14000		63000		110000		140000		130000		120000		67000		37000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	100	U	3100		5400		4900		5700		6900		10000		9500		15000	
Total DDT (2,4)	TDDT-24	ppb	100	U	690		1300		1200		1500		1900		2200		2400		4800	
Total DDT (4,4)	TDDT-44	ppb	100	U	2400		4000		3800		4300		5100		7800		7100		11000	
Toxaphene	8001-35-2	ppb	5200	U	10000	U	9200	U	7700	U	7100	U	7100	U	5800	U	6700	U	5400	U

Table B-7
TOC-Normalized Pesticides

		Location ID	NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090	
		Sample Name	NB02SED089C-09		NB02SED089C-10		NB02SED089C-11		NB02SED089C-12		NB02SED090E-01		NB02SED090E-02		NB02SED090E-03		NB02SED090E-04		NB02SED090E-05	
		Date Collected	11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	1000		1000		140		160		330	U	310	U	510		180		220	
2,4'-DDE	3424-82-6	ppb	4900		5100		460		140	U	340		470		550		490		750	
2,4'-DDT	789-02-6	ppb	100	U	98	U	130	U	140	U	330	U	310	U	250	U	330		160	U
4,4'-DDD	72-54-8	ppb	1000		1500		350		520		500		1000		2000		310		510	
4,4'-DDE	72-55-9	ppb	11000		13000		920		1500		800		900		1300		1200		1500	
4,4'-DDT	50-29-3	ppb	340		390		66		340		330	U	320	U	280		310		590	
Aldrin	309-00-2	ppb	85		82		64	U	72	U	160	U	160	U	200		330			
Alpha-BHC	319-84-6	ppb	170		96		64	U	72	U	160	U	160	U	20		22		37	
Alpha-Chlordane	5103-71-9	ppb	83		50	U	46		31		75		160	U	130	U	91	U	94	
Aroclor-1016	12674-11-2	ppb	1100	U	980	U	1300	U	1400	U	3300	U	3200	U	2500	U	1800	U	1600	U
Aroclor-1221	11104-28-2	ppb	1100	U	980	U	1300	U	1400	U	3300	U	3200	U	2500	U	1800	U	1600	U
Aroclor-1232	11141-16-5	ppb	1100	U	980	U	1300	U	1400	U	3300	U	3200	U	2500	U	1800	U	1600	U
Aroclor-1242	53469-21-9	ppb	8500		980	U	1300	U	1400	U	13000		9000		18000		35000		53000	
Aroclor-1248	12672-29-6	ppb	1100	U	980	U	1300	U	1400	U	3300	U	3200	U	2500	U	1800	U	1600	U
Aroclor-1254	11097-69-1	ppb	16000		7100		1300	U	1400	U	11000		12000		17000		24000		43000	
Aroclor-1260	11096-82-5	ppb	5600		3200		440		680		4400		6000		7700		7100		14000	
Aroclor-1262	37324-23-5	ppb	1100	U	980	U	1300	U	1400	U	3300	U	3200	U	2500	U	1800	U	1600	U
Aroclor-1268	11100-14-4	ppb	1100	U	980	U	1300	U	1400	U	3300	U	3200	U	2500	U	1800	U	1600	U
Beta-BHC	319-85-7	ppb	770		220		64	U	72	U	160	U	160	U	130	U	91	U	81	U
Delta-BHC	319-86-8	ppb	530	U	500	U	64	U	72	U	160	U	160	U	130	U	91	U	81	U
Dieldrin	60-57-1	ppb	440		380		18		28		75		320	U	250	U	130		350	
Endosulfan I	959-98-8	ppb	530	U	130		64	U	72	U	160	U	160	U	130	U	91	U	81	U
Endosulfan II	33213-65-9	ppb	100	U	98	U	64		49		330	U	320	U	250	U	180	U	160	U
Endosulfan Sulfate	1031-07-8	ppb	100	U	210		130	U	140	U	330	U	320	U	250	U	180	U	160	U
Endrin	72-20-8	ppb	100	U	98	U	130	U	140	U	330	U	320	U	250	U	180	U		
Endrin Aldehyde	7421-93-4	ppb	100	U	140		130	U	140	U	330	U	320	U	250	U	180	U	160	U
Endrin Ketone	53494-70-5	ppb	100	U	98	U	39		140	U	330	U	320	U	250	U	180	U	160	U
Gamma-BHC (Lindane)	58-89-9	ppb	69		500	U	11		72	U	160	U	160	U	130	U	91	U	81	U
Gamma-Chlordane	5566-34-7	ppb	530	U	500	U	64	U	72	U	170		160	U	280		330			
Heptachlor	76-44-8	ppb	530	U	50	U	64	U	72	U	110		160	U	140		270		430	
Heptachlor Epoxide	1024-57-3	ppb			500	U	64	U	72	U	170		250		280					
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	530	U	500	U	640	U	520		1600	U	1600	U	1300	U	910	U	810	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	83		500	U	46		31		240		160	U	280		330		94	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	30000		10000		440		680		29000		27000		44000		67000		110000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	18000		21000		2000		2600		1600		2400		4800		2900		3500	
Total DDT (2,4)	TDDT-24	ppb	6000		6200		610		160		340		470		1100		1000		960	
Total DDT (4,4)	TDDT-44	ppb	12000		15000		1300		2400		1300		1900		3600		1800		2600	
Toxaphene	8001-35-2	ppb	5300	U	5000	U	6400	U	7200	U	16000	U	16000	U	13000	U	9100	U	8100	U

		Location ID	NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090	
		Sample Name	NB02SED090E-06		NB02SED090E-07		NB02SED090E-08		NB02SED090E-09		NB02SED090E-10		NB02SED090E-11		NB02SED090E-12		NB02SED090E-13		NB02SED090E-14	
		Date Collected	11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	3200		710		190	U	180	U	200	U	380	U	210	U	340	U	420	U
2,4'-DDE	3424-82-6	ppb	1400		1100		190	U	180	U	200	U	380	U	210	U	340	U	420	U
2,4'-DDT	789-02-6	ppb	150	U	150	U	190	U	180	U	200	U	380	U	210	U	340	U	420	U
4,4'-DDD	72-54-8	ppb	14000		1600		250		79		200	U	380	U	210	U	340	U	420	U
4,4'-DDE	72-55-9	ppb	4000		3100		250		34		200	U	380	U	210	U	340	U	420	U
4,4'-DDT	50-29-3	ppb	32000		360		230		910		200	U	380	U	210	U	340	U	420	U
Aldrin	309-00-2	ppb	1500	U			97	U	91	U	100	U	190	U	100	U	170	U	210	U
Alpha-BHC	319-84-6	ppb	67		74	U	97	U	91	U	100	U	190	U	100	U	170	U	210	U
Alpha-Chlordane	5103-71-9	ppb	240		140		22		91	U	100	U	190	U	100	U	170	U	210	U
Aroclor-1016	12674-11-2	ppb	1500	U	1500	U	1900	U	1800	U	2000	U	3800	U	2100	U	3400	U	4200	U
Aroclor-1221	11104-28-2	ppb	1500	U	1500	U	1900	U	1800	U	2000	U	3800	U	2100	U	3400	U	4200	U
Aroclor-1232	11141-16-5	ppb	1500	U	1500	U	1900	U	1800	U	2000	U	3800	U	2100	U	3400	U	4200	U
Aroclor-1242	53469-21-9	ppb	44000		26000		2800		390		2000	U	3800	U	2100	U	3400	U	4200	U
Aroclor-1248	12672-29-6	ppb	1500	U	1500	U	1900	U	1800	U	2000	U	3800	U	2100	U	3400	U	4200	U
Aroclor-1254	11097-69-1	ppb	40000		26000		2700		360		2000	U	3800	U	2100	U	3400	U	4200	U
Aroclor-1260	11096-82-5	ppb	13000		7800		1100		1800	U	2000	U	3800	U	2100	U	3400	U	4200	U
Aroclor-1262	37324-23-5	ppb	1500	U	1500	U	1900	U	1800	U	2000	U	3800	U	2100	U	3400	U	4200	U
Aroclor-1268	11100-14-4	ppb	1500	U	1500	U	1900	U	1800	U	2000	U	3800	U	2100	U	3400	U	4200	U
Beta-BHC	319-85-7	ppb	75	U	74	U	97	U	91	U	100	U	190	U	100	U	170	U	210	U
Delta-BHC	319-86-8	ppb	75	U	74	U	97	U	91	U	100	U	190	U	100	U	170	U	210	U
Dieldrin	60-57-1	ppb	360		590		85		180	U	200	U	380	U	210	U	340	U	420	U
Endosulfan I	959-98-8	ppb	1500	U	74	U	97	U	91	U	100	U	190	U	100	U	170	U	210	U
Endosulfan II	33213-65-9	ppb	150	U	150	U	190	U	180	U	200	U	380	U	210	U	340	U	420	U
Endosulfan Sulfate	1031-07-8	ppb	150	U	150	U	190	U	180	U	200	U	380	U	210	U	340	U	420	U
Endrin	72-20-8	ppb	3000	U	150	U	190	U	180	U	200	U	380	U	210	U	340	U	420	U
Endrin Aldehyde	7421-93-4	ppb	3000	U	150	U	190	U	180	U	200	U	380	U	210	U	340	U	420	U
Endrin Ketone	53494-70-5	ppb	150	U	150	U	190	U	180	U	200	U	380	U	210	U	340	U	420	U
Gamma-BHC (Lindane)	58-89-9	ppb	75	U	74	U	97	U	91	U	100	U	190	U	100	U	170	U	210	U
Gamma-Chlordane	5566-34-7	ppb	1500	U	470		97	U	91	U	100	U	190	U	100	U	170	U	210	U
Heptachlor	76-44-8	ppb	460		220		34		91	U	100	U	190	U	100	U	170	U	210	U
Heptachlor Epoxide	1024-57-3	ppb	750		570		97	U	91	U	100	U	190	U	100	U	170	U	210	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	750	U	740	U	970	U	910	U	1000	U	1900	U	1000	U	1700	U	2100	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	240		610		22		91	U	100	U	190	U	100	U	170	U	210	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	97000		61000		6800		750		2000	U	3800	U	2100	U	3400	U	4200	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	53000		6900		720		1000		200	U	380	U	210	U	340	U	420	U
Total DDT (2,4)	TDDT-24	ppb	4600		1700		190	U	180	U	200	U	380	U	210	U	340	U	420	U
Total DDT (4,4)	TDDT-44	ppb	50000		5200		720		1000		200	U	380	U	210	U	340	U	420	U
Toxaphene	8001-35-2	ppb	7500	U	7400	U	9700	U	9100	U	10000	U	19000	U	10000	U	17000	U	21000	U

		Location ID	NB02SED090		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091	
		Sample Name	NB02SED090E-15		NB02SED091C-01		NB02SED091C-02		NB02SED091C-03		NB02SED091C-04		NB02SED091C-05		NB02SED091C-05		NB02SED091C-06		NB02SED091C-07	
		Date Collected	11/29/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007	
		Depth	23.5-25.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		3.5-5.5		5.5-7.5		7.5-9.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	570	U	270	U	290	U	210	U	200	U			720		980		150	U
2,4'-DDE	3424-82-6	ppb	570	U	270	U	380		420		550				2200		3700		150	U
2,4'-DDT	789-02-6	ppb	570	U	270	U	290	U	210	U	200	U			230	U	130	U	150	U
4,4'-DDD	72-54-8	ppb	570	U	220		280		240		200	U			1400		1300		24	
4,4'-DDE	72-55-9	ppb	570	U	470		850		1100		1300				5100		11000		59	
4,4'-DDT	50-29-3	ppb	570	U	270	U	290	U	220	U	300				300		220		150	U
Aldrin	309-00-2	ppb	290	U	140	U	150	U	110	U	100	U			78	U	66	U	76	U
Alpha-BHC	319-84-6	ppb	290	U	140	U	150	U	110	U	100	U			590	U	660	U		
Alpha-Chlordane	5103-71-9	ppb	290	U	65		59		110	U	100	U			140		66	U	76	U
Aroclor-1016	12674-11-2	ppb	5700	U	2700	U	2900	U	2200	U	2000	U			1600	U	1300	U	1500	U
Aroclor-1221	11104-28-2	ppb	5700	U	2700	U	2900	U	2200	U	2000	U			1600	U	1300	U	1500	U
Aroclor-1232	11141-16-5	ppb	5700	U	2700	U	2900	U	2200	U	2000	U			1600	U	1300	U	1500	U
Aroclor-1242	53469-21-9	ppb	5700	U	3600		7200		17000		38000				22000		1300		1500	U
Aroclor-1248	12672-29-6	ppb	5700	U	2700	U	2900	U	2200	U	2000	U			1600	U	1300	U	1500	U
Aroclor-1254	11097-69-1	ppb	5700	U	6100		11000		16000		30000				27000		1300	U	1500	U
Aroclor-1260	11096-82-5	ppb	5700	U	2500		4700		5400		7800				6400		2400		1700	
Aroclor-1262	37324-23-5	ppb	5700	U	2700	U	2900	U	2200	U	2000	U			1600	U	1300	U	1500	U
Aroclor-1268	11100-14-4	ppb	5700	U	2700	U	2900	U	2200	U	2000	U			1600	U	660		4800	
Beta-BHC	319-85-7	ppb	290	U	220				110	U					240	U	660	U		
Delta-BHC	319-86-8	ppb	290	U	140	U	150	U	110	U	100	U			78	U	66	U	76	U
Dieldrin	60-57-1	ppb	570	U	270	U	290	U	310		550				540		110		50	
Endosulfan I	959-98-8	ppb	290	U	140	U	150	U	110	U	100	U			130		660	U	76	U
Endosulfan II	33213-65-9	ppb	570	U	270	U	290	U	220	U	200	U			51		130		150	U
Endosulfan Sulfate	1031-07-8	ppb	570	U	82		290	U	220	U	200	U			160	U	150		150	U
Endrin	72-20-8	ppb	570	U	270	U	290	U	220	U	200	U			160	U	130	U	150	U
Endrin Aldehyde	7421-93-4	ppb	570	U	140		200		220	U	200	U			310		150		150	U
Endrin Ketone	53494-70-5	ppb	570	U	270	U	290	U	220	U	200	U			160	U	130	U	150	U
Gamma-BHC (Lindane)	58-89-9	ppb	290	U	140	U	150	U	110	U	100	U			85		660	U		
Gamma-Chlordane	5566-34-7	ppb	290	U	140	U	97		160		230		350				660	U	76	U
Heptachlor	76-44-8	ppb	290	U	140	U	150	U							240	U	66	U		
Heptachlor Epoxide	1024-57-3	ppb	290	U	140	U									990		1300		76	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	2900	U	1400	U	1500	U	1100	U	1000	U			780	U	660	U	760	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	290	U	65		160		160		230				490		660	U	76	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	5700	U	12000		23000		37000		75000				56000		4400		6500	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	570	U	680		1500		1800		2200				9700		17000		83	
Total DDT (2,4)	TDDT-24	ppb	570	U	270	U	380		420		550				2900		4600		150	U
Total DDT (4,4)	TDDT-44	ppb	570	U	680		1100		1300		1600				6900		13000		83	
Toxaphene	8001-35-2	ppb	29000	U	14000	U	15000	U	11000	U	10000	U			7800	U	6600	U	7600	U

		Location ID	NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091	
		Sample Name	NB02SED091C-08		NB02SED091C-09		NB02SED091C-10		NB02SED091C-11		NB02SED091C-12		NB02SED091C-13		NB02SED091C-14		NB02SED091C-15		NB02SED091C-16	
		Date Collected	11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007	
		Depth	9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	150				130	U	150	U	220	U	340	U	440	U	520	U	570	U
2,4'-DDE	3424-82-6	ppb	32		130	U	130	U	150	U	220	U	340	U	440	U	520	U	570	U
2,4'-DDT	789-02-6	ppb	130	U	130	U	130	U	150	U	220	U	340	U	440	U	520	U	570	U
4,4'-DDD	72-54-8	ppb	130	U	24		130	U	150	U	220	U	340	U	440	U	520	U	570	U
4,4'-DDE	72-55-9	ppb	71		180		24		150	U	220	U	340	U	440	U	520	U	570	U
4,4'-DDT	50-29-3	ppb	74		140		38		150	U	220	U	340	U	440	U	520	U	570	U
Aldrin	309-00-2	ppb	65	U	65	U	66	U	75		110	U	160	U	220	U	260	U	290	U
Alpha-BHC	319-84-6	ppb					66	U	75	U	110	U	160	U	220	U	260	U	290	U
Alpha-Chlordane	5103-71-9	ppb	65	U	65	U	66	U	75	U	110	U	160	U	220	U	260	U	290	U
Aroclor-1016	12674-11-2	ppb	1300	U	1300	U	1300	U	1500	U	2200	U	3400	U	4400	U	5200	U	5700	U
Aroclor-1221	11104-28-2	ppb	1300	U	1300	U	1300	U	1500	U	2200	U	3400	U	4400	U	5200	U	5700	U
Aroclor-1232	11141-16-5	ppb	1300	U	1300	U	1300	U	1500	U	2200	U	3400	U	4400	U	5200	U	5700	U
Aroclor-1242	53469-21-9	ppb	1300	U	1300	U	1300	U	1500	U	2200	U	3400	U	4400	U	5200	U	5700	U
Aroclor-1248	12672-29-6	ppb	1300	U	1300	U	1300	U	1500	U	2200	U	3400	U	4400	U	5200	U	5700	U
Aroclor-1254	11097-69-1	ppb	1300	U	1300	U	1300	U	1500	U	2200	U	3400	U	4400	U	5200	U	5700	U
Aroclor-1260	11096-82-5	ppb	1300	U	2800		1300	U	1500	U	2200	U	3400	U	4400	U	5200	U	5700	U
Aroclor-1262	37324-23-5	ppb	1300	U	1300	U	1300	U	1500	U	2200	U	3400	U	4400	U	5200	U	5700	U
Aroclor-1268	11100-14-4	ppb	2900		1500		1300	U	1500	U	2200	U	3400	U	4400	U	5200	U	5700	U
Beta-BHC	319-85-7	ppb			620						110	U	160	U	220	U	260	U	290	U
Delta-BHC	319-86-8	ppb	65	U	65	U	66	U	75	U	110	U	160	U	220	U	260	U	290	U
Dieldrin	60-57-1	ppb	32		65	U	130	U	33		220	U	340	U	440	U	520	U	570	U
Endosulfan I	959-98-8	ppb	65	U	65	U	66	U	75	U	110	U	160	U	220	U	260	U	290	U
Endosulfan II	33213-65-9	ppb	29		37		130	U	150	U	220	U	340	U	440	U	520	U	570	U
Endosulfan Sulfate	1031-07-8	ppb	130	U	130		130	U	150	U	220	U	340	U	440	U	520	U	570	U
Endrin	72-20-8	ppb	130	U	130	U	130	U	150	U	220	U	340	U	440	U	520	U	570	U
Endrin Aldehyde	7421-93-4	ppb	130	U	130	U	130	U	150	U	220	U	340	U	440	U	520	U	570	U
Endrin Ketone	53494-70-5	ppb	130	U	130	U	30		150	U	220	U	340	U	440	U	520	U	570	U
Gamma-BHC (Lindane)	58-89-9	ppb									110	U	160	U	220	U	260	U	290	U
Gamma-Chlordane	5566-34-7	ppb	65	U	65	U	66	U	75	U	110	U	160	U	83		260	U	64	
Heptachlor	76-44-8	ppb			65	U	66	U	75	U	110	U	160	U	220	U	260	U	290	U
Heptachlor Epoxide	1024-57-3	ppb			65	U	66	U	75	U	110	U	160	U	220	U	260	U	290	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	650	U	650	U	660	U	750	U	1100	U	1600	U	2200	U	2600	U	2900	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	65	U	65	U	66	U	75	U	110	U	160	U	83		260	U	64	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	2900		4300		1300	U	1500	U	2200	U	3400	U	4400	U	5200	U	5700	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	320		350		62		150	U	220	U	340	U	440	U	520	U	570	U
Total DDT (2,4)	TDDT-24	ppb	180		130	U	130	U	150	U	220	U	340	U	440	U	520	U	570	U
Total DDT (4,4)	TDDT-44	ppb	150		350		62		150	U	220	U	340	U	440	U	520	U	570	U
Toxaphene	8001-35-2	ppb	6500	U	6500	U	6600	U	7500	U	11000	U	16000	U	22000	U	26000	U	29000	U

		Location ID	NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092	
		Sample Name	NB02SED092C-01		NB02SED092C-02		NB02SED092C-03		NB02SED092C-04		NB02SED092C-05		NB02SED092C-05		NB02SED092C-06		NB02SED092C-07		NB02SED092C-08	
		Date Collected	11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	290	U	140		130		170				160		210		97			
2,4'-DDE	3424-82-6	ppb	290	U	310		470		690						720		240		2100	
2,4'-DDT	789-02-6	ppb	290	U	210	U	240	U	280	U			65		150	U	210	U	120	U
4,4'-DDD	72-54-8	ppb	280		280		240	U	280	U			240		300		210	U	530	
4,4'-DDE	72-55-9	ppb	700		900		1400		1700				2000		3700		800		6000	
4,4'-DDT	50-29-3	ppb	270		210	U	280		730				400		370		210	U	860	
Aldrin	309-00-2	ppb	140	U	100	U	120	U	140	U			100	U	77	U	110	U	60	U
Alpha-BHC	319-84-6	ppb	140	U	100	U	34		44				100	U	77	U	17		60	U
Alpha-Chlordane	5103-71-9	ppb	56		100	U	120	U	140	U			100	U	77	U	110	U	60	U
Aroclor-1016	12674-11-2	ppb	2900	U	2100	U	2400	U	2800	U			2000	U	1500	U	2100	U	1200	U
Aroclor-1221	11104-28-2	ppb	2900	U	2100	U	2400	U	2800	U			2000	U	1500	U	2100	U	1200	U
Aroclor-1232	11141-16-5	ppb	2900	U	2100	U	2400	U	2800	U			2000	U	1500	U	2100	U	1200	U
Aroclor-1242	53469-21-9	ppb	4300		13000		29000		44000				55000		49000		6700		18000	
Aroclor-1248	12672-29-6	ppb	2900	U	2100	U	2400	U	2800	U			2000	U	1500	U	2100	U	1200	U
Aroclor-1254	11097-69-1	ppb	6500		13000		27000		40000				39000		33000		6700		29000	
Aroclor-1260	11096-82-5	ppb	2800		4500		8800		11000				9200		9000		2500		9700	
Aroclor-1262	37324-23-5	ppb	2900	U	2100	U	2400	U	2800	U			2000	U	1500	U	2100	U	1200	U
Aroclor-1268	11100-14-4	ppb	2900	U	2100	U	2400	U	2800	U			2000	U	1500	U	2100	U	1200	U
Beta-BHC	319-85-7	ppb	140	U	100	U	120	U	140	U	100	U			77	U	110	U	86	
Delta-BHC	319-86-8	ppb	140	U	100	U	120	U	140	U			100	U	77	U	110	U	60	U
Dieldrin	60-57-1	ppb	150		250		470		650				640		860		290		530	
Endosulfan I	959-98-8	ppb	140	U	100	U	120	U	140	U			100	U	77	U	110	U	60	U
Endosulfan II	33213-65-9	ppb	290	U	210	U	240	U	280	U			200	U	150	U	210	U	77	
Endosulfan Sulfate	1031-07-8	ppb	290	U	170		240	U	280	U			200	U	150	U	210	U	210	
Endrin	72-20-8	ppb	290	U	210	U	240	U	280	U			200	U	150	U	210	U	120	U
Endrin Aldehyde	7421-93-4	ppb	160		170		240	U	280	U			200	U	150		110		390	
Endrin Ketone	53494-70-5	ppb	290	U	210	U	240	U	280	U			200	U	150	U	210	U	120	U
Gamma-BHC (Lindane)	58-89-9	ppb	140	U	100	U	120	U	140	U			100	U	77	U	110	U	60	U
Gamma-Chlordane	5566-34-7	ppb	140	U	170		170						240		260		110	U	600	U
Heptachlor	76-44-8	ppb	140	U	100	U	230		330				430		370		110	U	60	U
Heptachlor Epoxide	1024-57-3	ppb	200		210										480		160		770	
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1400	U	1000	U	1200	U	1400	U			1000	U	770	U	1100	U	600	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	56		170		170		140	U			240		260		110	U	600	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	14000		31000		66000		95000				100000		92000		16000		56000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	1300		1600		2300		3300				2800		5300		1100		9500	
Total DDT (2,4)	TDDT-24	ppb	290	U	450		600		870				190		930		330		2100	
Total DDT (4,4)	TDDT-44	ppb	1300		1200		1700		2400				2600		4400		800		7400	
Toxaphene	8001-35-2	ppb	14000	U	10000	U	12000	U	14000	U			10000	U	7700	U	11000	U	6000	U

		Location ID	NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092	
		Sample Name	NB02SED092C-09		NB02SED092C-10		NB02SED092C-11		NB02SED092C-12		NB02SED092C-13		NB02SED092C-14		NB02SED092C-15		NB02SED092C-16		NB02SED092C-17	
		Date Collected	11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	320		840		320		110	U	100		120	U	130	U	130		280	U
2,4'-DDE	3424-82-6	ppb	5300		5200		3900		110		110	U	120	U	130	U	120	U	280	U
2,4'-DDT	789-02-6	ppb	50		170		100	U	110	U	35		120	U	130	U	120	U	280	U
4,4'-DDD	72-54-8	ppb	970		3200		1000		100	U	110	U	120	U	130	U	120	U	280	U
4,4'-DDE	72-55-9	ppb	12000		15000		13000		340		100		120	U	130	U	87		55	
4,4'-DDT	50-29-3	ppb	420		3100		2700		160		200		61		130	U	120	U	280	U
Aldrin	309-00-2	ppb	61		110	U	100	U	53	U	58	U	59	U	67	U	62	U	140	U
Alpha-BHC	319-84-6	ppb	87	U	110	U	110		140		63		28		34		120		39	
Alpha-Chlordane	5103-71-9	ppb	87	U	110	U	100	U	53	U	58	U	59	U	67	U	62	U	140	U
Aroclor-1016	12674-11-2	ppb	1800	U	1100	U	1000	U	1100	U	1200	U	1200	U	1300	U	1200	U	2800	U
Aroclor-1221	11104-28-2	ppb	1800	U	1100	U	1000	U	1100	U	1200	U	1200	U	1300	U	1200	U	2800	U
Aroclor-1232	11141-16-5	ppb	1800	U	1100	U	1000	U	1100	U	1200	U	1200	U	1300	U	1200	U	2800	U
Aroclor-1242	53469-21-9	ppb	6100		1400		1000	U	1100	U	1200	U	1200	U	1300	U	1200	U	2800	U
Aroclor-1248	12672-29-6	ppb	1800	U	1100	U	1000	U	1100	U	1200	U	1200	U	1300	U	1200	U	2800	U
Aroclor-1254	11097-69-1	ppb	17000		9200				3300		3500		1200	U	610		1200	U	2800	U
Aroclor-1260	11096-82-5	ppb	8400		4200		2100		2900		4100		1200	U	1300	U	1200	U	2800	U
Aroclor-1262	37324-23-5	ppb	1800	U	1100	U	1000	U	1100	U	1200	U	1200	U	1300	U	1200	U	2800	U
Aroclor-1268	11100-14-4	ppb	1800	U	1100	U	490		1200		2500		2800		1900		740		2800	U
Beta-BHC	319-85-7	ppb	120		100		63		110		110		81		75		130		140	U
Delta-BHC	319-86-8	ppb	87	U	110	U	100	U	53	U	58	U	59	U	67	U	62	U	140	U
Dieldrin	60-57-1	ppb	390		210	U	51		79		97		120	U	130	U	120	U	280	U
Endosulfan I	959-98-8	ppb	260		110	U	1000	U	53	U	58	U	59	U	67	U	62	U	140	U
Endosulfan II	33213-65-9	ppb	180	U	210	U	210	U	100	U	110	U	120	U	130	U	120	U	280	U
Endosulfan Sulfate	1031-07-8	ppb	260		180		210	U	130		200		120	U	86		69		280	U
Endrin	72-20-8	ppb	180	U	50		210	U	100	U	110	U	120	U	130	U	120	U	280	U
Endrin Aldehyde	7421-93-4	ppb	340		210		210	U	100	U	110	U	120	U	77		120	U	280	U
Endrin Ketone	53494-70-5	ppb	180	U	210	U	210	U	100	U	110	U	120	U	130	U	120	U	75	
Gamma-BHC (Lindane)	58-89-9	ppb	24		110	U	100	U	53	U	58	U	59	U	67	U	62	U	19	
Gamma-Chlordane	5566-34-7	ppb	290		110	U	100	U	60		46		59	U	67	U	62	U	140	U
Heptachlor	76-44-8	ppb	87	U	85		81		140		110		78		120		420		140	U
Heptachlor Epoxide	1024-57-3	ppb	870	U	1100	U	100	U	49		58	U	59	U	67	U	62	U	140	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	870	U	1100	U	1000	U	530	U	580	U	590	U	670	U	620	U	1400	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	290		110	U	100	U	60		46		59	U	67	U	62	U	140	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	32000		15000		2700		7400		10000		2800		2500		740		2800	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	19000		28000		21000		610		440		61		130	U	220		55	
Total DDT (2,4)	TDDT-24	ppb	5500		6200		4100		110		140		120	U	130	U	130		280	U
Total DDT (4,4)	TDDT-44	ppb	13000		22000		16000		500		310		61		130	U	87		55	
Toxaphene	8001-35-2	ppb	8700	U	11000	U	10000	U	5300	U	5800	U	5900	U	6700	U	6200	U	14000	U

		Location ID	NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093	
		Sample Name	NB02SED093C-01		NB02SED093C-02		NB02SED093C-03		NB02SED093C-04		NB02SED093C-05		NB02SED093C-06		NB02SED093C-07		NB02SED093C-08		NB02SED093C-09			
		Date Collected	12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007			
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5			
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y			
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
2,4'-DDD	53-19-0	ppb	200		260		740		730		130	U	150	U	130	U	150	U				
2,4'-DDE	3424-82-6	ppb	250		1700		2300		2800		170		150	U	130	U	150	U	140	U		
2,4'-DDT	789-02-6	ppb	2000		160	U	120	U	130	U	130	U	150	U	130	U	150	U	140	U		
4,4'-DDD	72-54-8	ppb	630		480		1600		2000		140		40		130	U	150	U	51			
4,4'-DDE	72-55-9	ppb	770		5000		5700		8500		530		150	U	130	U	150	U	140	U		
4,4'-DDT	50-29-3	ppb	6700		200		340		470		130	U	94		60		66		170			
Aldrin	309-00-2	ppb	110	U	400	U	61	U	67	U	65	U	77	U	64	U	77	U	69	U		
Alpha-BHC	319-84-6	ppb	21		50		41		73		94		82		36		59		380			
Alpha-Chlordane	5103-71-9	ppb	67		80	U	61	U	67	U	65	U	77	U	64	U	77	U	69	U		
Aroclor-1016	12674-11-2	ppb	2200	U	1600	U	1200	U	1300	U	1300	U	1500	U	1300	U	1500	U	1400	U		
Aroclor-1221	11104-28-2	ppb	2200	U	1600	U	1200	U	1300	U	1300	U	1500	U	1300	U	1500	U	1400	U		
Aroclor-1232	11141-16-5	ppb	2200	U	1600	U	1200	U	1300	U	1300	U	1500	U	1300	U	1500	U	1400	U		
Aroclor-1242	53469-21-9	ppb	9800		12000		2200		1100		1300	U	1500	U	1300	U	1500	U	1400	U		
Aroclor-1248	12672-29-6	ppb	2200	U	1600	U	1200	U	1300	U	1300	U	1500	U	1300	U	1500	U	1400	U		
Aroclor-1254	11097-69-1	ppb	8100		15000		6500		3700		2300		1900		1700		1700		1400	U		
Aroclor-1260	11096-82-5	ppb	2300		4200		2600		2200		1500		2300		1300	U	1500	U	2500			
Aroclor-1262	37324-23-5	ppb	2200	U	1600	U	1200	U	1300	U	1300	U	1500	U	1300	U	1500	U	1400	U		
Aroclor-1268	11100-14-4	ppb	2200	U	640		540		680		830		2700		3300		2200		1600			
Beta-BHC	319-85-7	ppb	110	U	80	U	28		67	U	65	U	77	U	64	U	77	U				
Delta-BHC	319-86-8	ppb	240		80	U	61	U	67	U	65	U	77	U	64	U	77	U	69	U		
Dieldrin	60-57-1	ppb	140		160	U	120	U	130	U	130	U	150	U	130	U	150	U	140	U		
Endosulfan I	959-98-8	ppb	110	U	80	U	300	U	67	U	65	U	77	U	64	U	77	U	69	U		
Endosulfan II	33213-65-9	ppb	220	U	160	U	32		130	U	130	U	150	U	130	U	29		140	U		
Endosulfan Sulfate	1031-07-8	ppb	220	U	160	U	190		170		100		160		130	U	190		250			
Endrin	72-20-8	ppb	35		160	U	120	U	130	U	130	U	150	U	130	U	150	U	140	U		
Endrin Aldehyde	7421-93-4	ppb	220	U	160	U	140		130	U	130	U	150	U	130	U	150	U	140	U		
Endrin Ketone	53494-70-5	ppb	220	U	160	U	120	U	130	U	130	U	150	U	130	U	150	U	140	U		
Gamma-BHC (Lindane)	58-89-9	ppb	110	U	80	U	61	U	14		65	U	77	U	64	U	77	U	69	U		
Gamma-Chlordane	5566-34-7	ppb	130		400	U	300	U	67	U	65	U	73		49		110		69	U		
Heptachlor	76-44-8	ppb	110		140		61	U	52		61		75		53		95		670			
Heptachlor Epoxide	1024-57-3	ppb	150		600		300	U	67	U	65	U	77	U	64	U	77	U	20			
Hexachlorobenzene	118-74-1	ppb																				
Methoxychlor	72-43-5	ppb	1100	U	800	U	610	U	670	U	650	U	770	U	640	U	770	U	690	U		
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	200		400	U	300	U	67	U	65	U	73		49		110		69	U		
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	20000		32000		12000		7700		4600		6900		5100		4000		4100			
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	11000		7600		11000		14000		840		130		60		66		320			
Total DDT (2,4)	TDDT-24	ppb	2400		2000		3100		3500		170		150	U	130	U	150	U	190			
Total DDT (4,4)	TDDT-44	ppb	8100		5600		7700		11000		680		130		60		66		230			
Toxaphene	8001-35-2	ppb	11000	U	8000	U	6100	U	6700	U	6500	U	7700	U	6400	U	7700	U	6900	U		

Table B-7
TOC-Normalized Pesticides

		Location ID	NB02SED093		NB02SED093		NB02SED093		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094	
		Sample Name	NB02SED093C-10		NB02SED093C-11		NB02SED093C-12		NB02SED094D-02		NB02SED094D-03		NB02SED094D-04		NB02SED094D-05		NB02SED094D-06		NB02SED094D-07	
		Date Collected	12/7/2007		12/7/2007		12/7/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007	
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	150	U	320	U	1600	U	270	U	270	U	260	U	240	U	220	U	230	U
2,4'-DDE	3424-82-6	ppb	150	U	320	U	1600	U	270	U	270	U	260	U	270		270		260	
2,4'-DDT	789-02-6	ppb	150	U	320	U	1600	U	270	U	270	U	260	U	240	U	220	U	230	U
4,4'-DDD	72-54-8	ppb	29		320	U	1600	U	320		330		260		370		300		290	
4,4'-DDE	72-55-9	ppb	150	U	320	U	1600	U	540		560		550		670		640		690	
4,4'-DDT	50-29-3	ppb	31		320	U	1600	U	270	U	410		270		620		270		230	U
Aldrin	309-00-2	ppb	75	U	160	U	790	U	140	U	130	U	130	U	120	U	110	U	120	U
Alpha-BHC	319-84-6	ppb	31		160	U	790	U	140	U	130	U	130	U	120	U	110	U	120	U
Alpha-Chlordane	5103-71-9	ppb	75	U	160	U	790	U	110		96		44		72		58		120	U
Aroclor-1016	12674-11-2	ppb	1500	U	3200	U	16000	U	2700	U	2700	U	2600	U	2400	U	2200	U	2300	U
Aroclor-1221	11104-28-2	ppb	1500	U	3200	U	16000	U	2700	U	2700	U	2600	U	2400	U	2200	U	2300	U
Aroclor-1232	11141-16-5	ppb	1500	U	3200	U	16000	U	2700	U	2700	U	2600	U	2400	U	2200	U	2300	U
Aroclor-1242	53469-21-9	ppb	1500	U	3200	U	16000	U	4100		4400		4000		4900		4900		6300	
Aroclor-1248	12672-29-6	ppb	1500	U	3200	U	16000	U	2700	U	2700	U	2600	U	2400	U	2200	U	2300	U
Aroclor-1254	11097-69-1	ppb	1500	U	3200	U	16000	U	6400		7800		6900		7900		6700		8600	
Aroclor-1260	11096-82-5	ppb	1500	U	3200	U	16000	U	2500		2900		2400		3000		2600		2900	
Aroclor-1262	37324-23-5	ppb	1500	U	3200	U	16000	U	2700	U	2700	U	2600	U	2400	U	2200	U	2300	U
Aroclor-1268	11100-14-4	ppb	1500	U	3200	U	16000	U	2700	U	2700	U	2600	U	2400	U	2200	U	2300	U
Beta-BHC	319-85-7	ppb	75	U	160	U	790	U	440		330		320		120	U	110	U	120	U
Delta-BHC	319-86-8	ppb	75	U	160	U	790	U	280		130	U	130	U	120	U	110	U	120	U
Dieldrin	60-57-1	ppb	150	U	320	U	1600	U	270	U	210		260	U	170		160		170	
Endosulfan I	959-98-8	ppb	75	U	160	U	790	U	140	U	130	U	130	U	120	U	110	U	120	U
Endosulfan II	33213-65-9	ppb	150	U	320	U	1600	U	270	U	270	U	260	U	240	U	220	U	230	U
Endosulfan Sulfate	1031-07-8	ppb	150	U	320	U	1600	U	150		160		130		150		160		150	
Endrin	72-20-8	ppb	150	U	320	U	1600	U	270	U	270	U	260	U	240	U	220	U	230	U
Endrin Aldehyde	7421-93-4	ppb	40		320	U	1600	U	160		190		150		160		160		160	
Endrin Ketone	53494-70-5	ppb	55		320	U	1600	U	270	U	270	U	260	U	240	U	220	U	230	U
Gamma-BHC (Lindane)	58-89-9	ppb	75	U	160	U	790	U	140	U	130	U	69		120	U	110	U	120	U
Gamma-Chlordane	5566-34-7	ppb	75	U	160	U	790	U	110		130		77		120	U	110	U	120	U
Heptachlor	76-44-8	ppb	40		160	U	790	U			130	U	130	U	120	U	110	U	120	U
Heptachlor Epoxide	1024-57-3	ppb	75	U	160	U	790	U	140	U	130	U	130	U	150		150		150	
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	750	U	1600	U	7900	U	1400	U	1300	U	1300	U	1200	U	1100	U	1200	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	75	U	160	U	790	U	220		230		120		72		58		120	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	1500	U	3200	U	16000	U	13000		15000		14000		16000		14000		18000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	59		320	U	1600	U	840		1300		1100		1600		1500		1300	
Total DDT (2,4)	TDDT-24	ppb	150	U	320	U	1600	U	270	U	270	U	260	U	270		270		260	
Total DDT (4,4)	TDDT-44	ppb	59		320	U	1600	U	840		1300		1100		1300		1200		990	
Toxaphene	8001-35-2	ppb	7500	U	16000	U	79000	U	14000	U	13000	U	13000	U	12000	U	11000	U	12000	U

Table B-7
TOC-Normalized Pesticides

		Location ID	NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094	
		Sample Name	NB02SED094D-08		NB02SED094D-09		NB02SED094D-10		NB02SED094D-11		NB02SED094D-12		NB02SED094D-13		NB02SED094D-14		NB02SED094D-15		NB02SED094D-16	
		Date Collected	11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007	
		Depth	9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	220	U	200	U	210	U	210	U	250	U	250	U	220	U	170	U	160	U
2,4'-DDE	3424-82-6	ppb	320		300		300		370		470		550		630		440		450	
2,4'-DDT	789-02-6	ppb	220	U	200	U	210	U	74		250	U	110		220	U	170	U	160	U
4,4'-DDD	72-54-8	ppb	270		340		380		400		340		280		340		230		220	
4,4'-DDE	72-55-9	ppb	810		760		760		910		1100		1200		1400		1100		1100	
4,4'-DDT	50-29-3	ppb	270	U	200	U	210	U	1700		250	U	1900		480		240		160	U
Aldrin	309-00-2	ppb	110	U	100	U	100	U	110	U	130	U	120	U	110	U	85	U	82	U
Alpha-BHC	319-84-6	ppb	110	U	100	U	22		110	U	130	U	120	U	110	U	85	U	82	U
Alpha-Chlordane	5103-71-9	ppb	40		55		63		57		69		72		110	U	69		55	
Aroclor-1016	12674-11-2	ppb	2200	U	2000	U	2100	U	2100	U	2500	U	2500	U	2200	U	1700	U	1600	U
Aroclor-1221	11104-28-2	ppb	2200	U	2000	U	2100	U	2100	U	2500	U	2500	U	2200	U	1700	U	1600	U
Aroclor-1232	11141-16-5	ppb	2200	U	2000	U	2100	U	2100	U	2500	U	2500	U	2200	U	1700	U	1600	U
Aroclor-1242	53469-21-9	ppb	5700		6100		6700		6700		8600		14000		13000		8800		8000	
Aroclor-1248	12672-29-6	ppb	2200	U	2000	U	2100	U	2100	U	2500	U	2500	U	2200	U	1700	U	1600	U
Aroclor-1254	11097-69-1	ppb	8800		8800		9200		10000		12000		15000		15000		12000		11000	
Aroclor-1260	11096-82-5	ppb	3000		3000		3200		4000		4700		5100		5100		4700		4000	
Aroclor-1262	37324-23-5	ppb	2200	U	2000	U	2100	U	2100	U	2500	U	2500	U	2200	U	1700	U	1600	U
Aroclor-1268	11100-14-4	ppb	2200	U	2000	U	2100	U	2100	U	2500	U	2500	U	2200	U	1700	U	1600	U
Beta-BHC	319-85-7	ppb	110	U	100	U	100	U	260		300				190		130		120	
Delta-BHC	319-86-8	ppb	110	U	100	U	100	U	110	U	130	U	120	U	110	U	85	U	82	U
Dieldrin	60-57-1	ppb	180		180		190		210		260		300		300		240		220	
Endosulfan I	959-98-8	ppb	110	U	100	U	100	U	110	U	130	U	120	U	110	U	85	U	82	U
Endosulfan II	33213-65-9	ppb	220	U	200	U	210	U	210	U	250	U	250	U	220	U	85	U	160	U
Endosulfan Sulfate	1031-07-8	ppb	150		140		170		160		150		250	U	200		170		130	
Endrin	72-20-8	ppb	220	U	200	U	210	U	210	U	250	U	250	U	220	U	170	U	160	U
Endrin Aldehyde	7421-93-4	ppb	170		170		180		180		220		200		210		180		130	
Endrin Ketone	53494-70-5	ppb	220	U	200	U	210	U	210	U	250	U	250	U	220	U	170	U	160	U
Gamma-BHC (Lindane)	58-89-9	ppb	110	U	100	U	100	U	110	U	130	U	81		110	U	44		55	
Gamma-Chlordane	5566-34-7	ppb	110	U	100	U	100	U	110	U	130	U	120	U	110	U	85	U	85	
Heptachlor	76-44-8	ppb	110	U	100	U	100	U	110	U	130	U	120	U	110	U	85	U	82	U
Heptachlor Epoxide	1024-57-3	ppb	180		170		170													
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1100	U	1000	U	1000	U	1100	U	1300	U	1200	U	1100	U	850	U	820	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	40		55		63		57		69		72		110	U	69		140	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	18000		18000		19000		21000		26000		34000		33000		25000		23000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	1400		1400		1500		3400		1900		4000		2900		2000		1700	
Total DDT (2,4)	TDDT-24	ppb	320		300		300		440		470		680		630		440		450	
Total DDT (4,4)	TDDT-44	ppb	1100		1100		1100		3000		1500		3400		2200		1500		1300	
Toxaphene	8001-35-2	ppb	11000	U	10000	U	10000	U	11000	U	13000	U	12000	U	11000	U	8500	U	8200	U

		Location ID	NB02SED094		NB02SED097		NB02SED097		NB02SED097		NB02SED097		NB02SED097		NB02SED097		NB02SED098		NB02SED098	
		Sample Name	NB02SED094D-17		NB02SED097H-01		NB02SED097H-02		NB02SED097H-03		NB02SED097H-04		NB02SED097H-05		NB02SED097H-06		NB02SED098E-01		NB02SED098E-02	
		Date Collected	11/2/2007		12/6/2007		12/6/2007		12/6/2007		12/6/2007		12/6/2007		12/6/2007		12/12/2007		12/12/2007	
		Depth	27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		0.0-0.5		0.5-1.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	160	U	160	U	160	U	170	U	130	U	340	U	340	U	420		260	
2,4'-DDE	3424-82-6	ppb	460		160	U	160	U	170	U	66		340	U	340	U	600		670	
2,4'-DDT	789-02-6	ppb	160	U	160	U	160	U	170	U	130	U	340	U	340	U	340	U	280	U
4,4'-DDD	72-54-8	ppb	310		210		38		31		130	U	340	U	340	U	870		790	
4,4'-DDE	72-55-9	ppb	1400		250		160	U	170	U	130	U	340	U	340	U	1500		1400	
4,4'-DDT	50-29-3	ppb	690		63		160	U	90		130	U	340	U	340	U	410		280	U
Aldrin	309-00-2	ppb	82	U	17		80	U	87	U	68	U	170	U	170	U	180		140	U
Alpha-BHC	319-84-6	ppb	31		82	U	22		87	U	68	U	170	U	170	U	170	U	140	U
Alpha-Chlordane	5103-71-9	ppb	75		14		80	U	87	U	68	U	170	U	170	U	100		75	
Aroclor-1016	12674-11-2	ppb	1600	U	1600	U	1600	U	1700	U	1300	U	3400	U	3400	U	3400	U	2800	U
Aroclor-1221	11104-28-2	ppb	1600	U	1600	U	1600	U	1700	U	1300	U	3400	U	3400	U	3400	U	2800	U
Aroclor-1232	11141-16-5	ppb	1600	U	1600	U	1600	U	1700	U	1300	U	3400	U	3400	U	3400	U	2800	U
Aroclor-1242	53469-21-9	ppb	10000		950		1600	U	1700	U	1300	U	3400	U	3400	U	6000		6300	
Aroclor-1248	12672-29-6	ppb	1600	U	1600	U	1600	U	1700	U	1300	U	3400	U	3400	U	3400	U	2800	U
Aroclor-1254	11097-69-1	ppb	13000		1300		1600	U	1700	U	1300	U	3400	U	3400	U	8200		8800	
Aroclor-1260	11096-82-5	ppb	4600		530		1600	U	1700	U	1300	U	3400	U	3400	U	3200		3500	
Aroclor-1262	37324-23-5	ppb	1600	U	1600	U	1600	U	1700	U	1300	U	3400	U	3400	U	3400	U	2800	U
Aroclor-1268	11100-14-4	ppb	1600	U	1600	U	1600	U	1700	U	1300	U	3400	U	3400	U	3400	U	2800	U
Beta-BHC	319-85-7	ppb	110		25		80	U	87	U	68	U	170	U	170	U	170	U	140	U
Delta-BHC	319-86-8	ppb	82	U	82	U	80	U	87	U	68	U	170	U	170	U	230		140	U
Dieldrin	60-57-1	ppb	280		160	U	160	U	170	U	130	U	340	U	340	U	340	U	280	U
Endosulfan I	959-98-8	ppb	82	U	82	U	80	U	87	U	68	U	170	U	170	U	170	U	140	U
Endosulfan II	33213-65-9	ppb	160	U	160	U	160	U	28		130	U	340	U	340	U	340	U	280	U
Endosulfan Sulfate	1031-07-8	ppb	180		160	U	160	U	170	U	130	U	340	U	340	U	340	U	280	U
Endrin	72-20-8	ppb	160	U	160	U	160	U	170	U	130	U	340	U	340	U	340	U	280	U
Endrin Aldehyde	7421-93-4	ppb	210		42		160	U	170	U	130	U	340	U	340	U	340	U	280	U
Endrin Ketone	53494-70-5	ppb	160	U	160	U	160	U	170	U	130	U	340	U	340	U	76		280	U
Gamma-BHC (Lindane)	58-89-9	ppb	82	U	82	U	80	U	87	U	68	U	170	U	170	U	170	U	140	U
Gamma-Chlordane	5566-34-7	ppb			82	U	80	U	87	U	68	U	170	U	170	U	170	U	140	U
Heptachlor	76-44-8	ppb	82	U	82	U	80	U	87	U	68	U	170	U	170	U	65		59	
Heptachlor Epoxide	1024-57-3	ppb	280		46		80	U	87	U	68	U	170	U	170	U	370		360	
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	820	U	820	U	800	U	870	U	660	U	1700	U	1700	U	1700	U	840	
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	75		14		80	U	87	U	68	U	170	U	170	U	100		75	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	28000		2700		1600	U	1700	U	1300	U	3400	U	3400	U	17000		18000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	2800		530		38		120		66		340	U	340	U	3800		3100	
Total DDT (2,4)	TDDT-24	ppb	460		160	U	160	U	170	U	66		340	U	340	U	1000		920	
Total DDT (4,4)	TDDT-44	ppb	2400		530		38		120		130	U	340	U	340	U	2800		2200	
Toxaphene	8001-35-2	ppb	8200	U	8200	U	8000	U	8700	U	6600	U	17000	U	17000	U	17000	U	14000	U

		Location ID	NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED100	
		Sample Name	NB02SED098E-03		NB02SED098E-04		NB02SED098E-05		NB02SED098E-05		NB02SED098E-06		NB02SED098E-07		NB02SED098E-08		NB02SED098E-09		NB02SED100B-01	
		Date Collected	12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/7/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	240		160				200		350		250		130		110		630	U
2,4'-DDE	3424-82-6	ppb	570		660				590		850		850		760		430		630	U
2,4'-DDT	789-02-6	ppb	230	U	220	U			51		210	U	210	U	350	U	530	U	110	
4,4'-DDD	72-54-8	ppb	870		550				710		910		520		360		280		570	
4,4'-DDE	72-55-9	ppb	1300		1500				1400		2000		1900		1700		1300		850	
4,4'-DDT	50-29-3	ppb	7800		920				1300		1400		220		630		530	U	390	
Aldrin	309-00-2	ppb	130		110				140		110		160				270	U	320	U
Alpha-BHC	319-84-6	ppb	120	U	110	U			18		100	U	21		180	U	270	U	320	U
Alpha-Chlordane	5103-71-9	ppb	69		55				48		56		62		180	U	270	U	320	U
Aroclor-1016	12674-11-2	ppb	2300	U	2200	U			2100	U	2100	U	2100	U	3500	U	5300	U	6400	U
Aroclor-1221	11104-28-2	ppb	2300	U	2200	U			2100	U	2100	U	2100	U	3500	U	5300	U	6400	U
Aroclor-1232	11141-16-5	ppb	2300	U	2200	U			2100	U	2100	U	2100	U	3500	U	5300	U	6400	U
Aroclor-1242	53469-21-9	ppb	6600		6900				6200		7900		11000		25000		8100		7400	
Aroclor-1248	12672-29-6	ppb	2300	U	2200	U			2100	U	2100	U	2100	U	3500	U	5300	U	6400	U
Aroclor-1254	11097-69-1	ppb	8400		8900				8200		11000		12000		19000		7700		14000	
Aroclor-1260	11096-82-5	ppb	3300		3700				3000		4100		4600		4700		2400		8400	
Aroclor-1262	37324-23-5	ppb	2300	U	2200	U			2100	U	2100	U	2100	U	3500	U	5300	U	6400	U
Aroclor-1268	11100-14-4	ppb	2300	U	2200	U			2100	U	2100	U	2100	U	3500	U	5300	U	6400	U
Beta-BHC	319-85-7	ppb	120	U	110	U			110	U	100	U	110	U	180	U	270	U	320	U
Delta-BHC	319-86-8	ppb	270		250				230		260		110	U	820		270	U	320	U
Dieldrin	60-57-1	ppb	230	U	220	U			210	U	210	U	210	U	350	U	530	U	640	U
Endosulfan I	959-98-8	ppb	120	U	110	U			110	U	100	U	110	U	180	U	270	U	280	
Endosulfan II	33213-65-9	ppb	230	U	220	U			210	U	210	U	210	U	350	U	530	U	640	U
Endosulfan Sulfate	1031-07-8	ppb	230	U	220	U			210	U	210	U	210	U	350	U	530	U	920	
Endrin	72-20-8	ppb	230	U	220	U			210	U	210	U	210	U	350	U	530	U	640	U
Endrin Aldehyde	7421-93-4	ppb	230	U	220	U			210	U	210	U	210	U	350	U	530	U	640	U
Endrin Ketone	53494-70-5	ppb	230	U	220	U			210	U	210	U	210	U	350	U	530	U	420	
Gamma-BHC (Lindane)	58-89-9	ppb	120	U	110	U			110	U	100	U	110	U	180	U	270	U	320	U
Gamma-Chlordane	5566-34-7	ppb	120	U	110	U	100	U			100	U			180	U	270	U	320	U
Heptachlor	76-44-8	ppb	69		66				62		68		100		280		100		110	
Heptachlor Epoxide	1024-57-3	ppb	330		370				330		470		460		410		280		320	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1200	U	1100	U			1100	U	1000	U	1100	U	1800	U	2700	U	3200	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	69		55				48		56		62		180	U	270	U	320	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	18000		20000				17000		23000		28000		49000		19000		29000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	11000		3700				4200		5600		3900		3600		2100		2000	
Total DDT (2,4)	TDDT-24	ppb	810		830				810		1200		1100		890		530		110	
Total DDT (4,4)	TDDT-44	ppb	9900		2900				3500		4400		2700		2700		1500		1800	
Toxaphene	8001-35-2	ppb	12000	U	11000	U			11000	U	10000	U	11000	U	18000	U	27000	U	32000	U

		Location ID	NB02SED101		NB02SED102		NB02SED104		NB02SED105		NB02SED106		NB02SED107		NB02SED108		NB02SED109		NB02SED110	
		Sample Name	NB02SED101A-01		NB02SED102A-01		NB02SED104C-01		NB02SED105A-01		NB02SED106B-01		NB02SED107B-01		NB02SED108A-01		NB02SED109B-01		NB02SED110D-01	
		Date Collected	11/2/2007		10/30/2007		11/16/2007		11/1/2007		11/15/2007		11/6/2007		10/31/2007		11/29/2007		12/11/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	270	U	200	U	320	U	360	U	330	U	300	U	330	U	280	U	290	U
2,4'-DDE	3424-82-6	ppb	270	U	200	U	320	U	360	U	330	U	410		330	U	280	U	290	U
2,4'-DDT	789-02-6	ppb	270	U	200	U	320	U	360	U	330	U	300	U	330	U	150		290	U
4,4'-DDD	72-54-8	ppb	420		300		280		160		220		350		220		250		390	
4,4'-DDE	72-55-9	ppb	490		520		390		420		340		1100		390		390		530	
4,4'-DDT	50-29-3	ppb	190		200	U	600		360	U	330	U	300	U	330	U	280	U	290	U
Aldrin	309-00-2	ppb	140	U	100	U	160	U	180	U	170	U	150	U	170	U	47		150	U
Alpha-BHC	319-84-6	ppb	140	U	100	U	28		180	U	170	U	150	U	170	U	140	U	150	U
Alpha-Chlordane	5103-71-9	ppb	140		120		78		40		65		54		63		75		210	
Aroclor-1016	12674-11-2	ppb	2800	U	2000	U	3200	U	3600	U	3300	U	3000	U	3300	U	2800	U	2900	U
Aroclor-1221	11104-28-2	ppb	2800	U	2000	U	3200	U	3600	U	3300	U	3000	U	3300	U	2800	U	2900	U
Aroclor-1232	11141-16-5	ppb	2800	U	2000	U	3200	U	3600	U	3300	U	3000	U	3300	U	2800	U	2900	U
Aroclor-1242	53469-21-9	ppb	4000		3900		3600		6100		3600		6300		3300		2800		4300	
Aroclor-1248	12672-29-6	ppb	2800	U	2000	U	3200	U	3600	U	3300	U	3000	U	3300	U	2800	U	2900	U
Aroclor-1254	11097-69-1	ppb	5800		6300		5500		6000		4400		9200		4600		3900		6000	
Aroclor-1260	11096-82-5	ppb	2700		2800		2200		1800		1900		4100		1800		1600		2800	
Aroclor-1262	37324-23-5	ppb	2800	U	2000	U	3200	U	3600	U	3300	U	3000	U	3300	U	2800	U	2900	U
Aroclor-1268	11100-14-4	ppb	2800	U	2000	U	3200	U	3600	U	3300	U	3000	U	3300	U	2800	U	740	
Beta-BHC	319-85-7	ppb	140	U	100	U	160	U	89		170	U			170	U			150	U
Delta-BHC	319-86-8	ppb	140	U	100	U	160	U	180	U	170	U	150	U	170	U	140	U	190	
Dieldrin	60-57-1	ppb	180		170		110		180	U	85		300	U	110		100		290	U
Endosulfan I	959-98-8	ppb	140	U	100	U	160	U	180	U	170	U	150	U	170	U	140	U	150	U
Endosulfan II	33213-65-9	ppb	280	U	200	U	320	U	360	U	330	U	73		330	U	280	U	290	U
Endosulfan Sulfate	1031-07-8	ppb	280	U	200	U	100		89		330	U	300	U	69		280	U	290	U
Endrin	72-20-8	ppb	280	U	200	U	320	U	360	U	330	U	300	U	330	U	280	U	290	U
Endrin Aldehyde	7421-93-4	ppb	210		200	U	320	U	360	U	77		240		330	U	280	U	290	U
Endrin Ketone	53494-70-5	ppb	280	U	200	U	320	U	360	U	330	U	300	U	69		280	U	290	U
Gamma-BHC (Lindane)	58-89-9	ppb	140	U	100	U	160	U	180	U	170	U	150	U	170	U	350		150	U
Gamma-Chlordane	5566-34-7	ppb	150		160		120		180	U	170	U	120		89		93		210	
Heptachlor	76-44-8	ppb	140	U	100	U	160	U	180	U	170	U	150	U	170	U	140	U	50	
Heptachlor Epoxide	1024-57-3	ppb	140	U	120		110		180	U	170	U			110		86		150	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1400	U	1000	U	1600	U	1800	U	1700	U	1500	U	1700	U	1400	U	1500	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	290		280		200		40		65		170		150		170		430	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	12000		13000		11000		14000		10000		20000		9500		8200		14000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	1100		830		1200		580		560		1900		630		790		920	
Total DDT (2,4)	TDDT-24	ppb	270	U	200	U	320	U	360	U	330	U	410		330	U	150		290	U
Total DDT (4,4)	TDDT-44	ppb	1100		830		1200		580		560		1500		630		650		920	
Toxaphene	8001-35-2	ppb	14000	U	10000	U	16000	U	18000	U	17000	U	15000	U	17000	U	14000	U	15000	U

Table B-7
TOC-Normalized Pesticides

		Location ID	NB02SED111		NB02SED112		NB02SED113		NB02SED114		NB02SED115		NB02SED116		NB02SED118		NB02SED119		NB02SED120	
		Sample Name	NB02SED111F-01		NB02SED112A-01		NB02SED113B-01		NB02SED114C-01		NB02SED115E-01		NB02SED116A-01		NB02SED118B-01		NB02SED119A-01		NB02SED120B-01	
		Date Collected	12/10/2007		11/7/2007		12/10/2007		12/11/2007		12/10/2007		11/9/2007		11/14/2007		11/9/2007		12/12/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	310	U	350	U	330	U	770		3000		140		210	U	1200	U	1100	
2,4'-DDE	3424-82-6	ppb	310	U	350	U	330	U	1400		1700		630		690		1200	U	610	
2,4'-DDT	789-02-6	ppb	310	U	350	U	58		110		240		190	U	210	U	580		110	
4,4'-DDD	72-54-8	ppb	380		360		300		2300		4800		270		260		3300		2400	
4,4'-DDE	72-55-9	ppb	660		550		450		3400		4300		1800		1300		1600		1600	
4,4'-DDT	50-29-3	ppb	740		350	U	330	U	2700		3200		190	U	220	U	1600		6400	
Aldrin	309-00-2	ppb	150	U	180	U	170	U	200		90		97	U	110	U	600	U	87	
Alpha-BHC	319-84-6	ppb	150	U	180	U	170	U	150	U	190	U	97	U	35		600	U	110	U
Alpha-Chlordane	5103-71-9	ppb	83		110		76		120		120		100		110	U	2000		260	
Aroclor-1016	12674-11-2	ppb	3100	U	3500	U	3300	U	3100	U	3700	U	1900	U	2200	U	12000	U	2200	U
Aroclor-1221	11104-28-2	ppb	3100	U	3500	U	3300	U	3100	U	3700	U	1900	U	2200	U	12000	U	2200	U
Aroclor-1232	11141-16-5	ppb	3100	U	3500	U	3300	U	3100	U	3700	U	1900	U	2200	U	12000	U	2200	U
Aroclor-1242	53469-21-9	ppb	3800		4400		3900		18000		4700		19000		24000		12000	U	2600	
Aroclor-1248	12672-29-6	ppb	3100	U	3500	U	3300	U	3100	U	3700	U	1900	U	2200	U	12000	U	2200	U
Aroclor-1254	11097-69-1	ppb	5000		6000		4200		16000		7100		14000		21000		14000		4000	
Aroclor-1260	11096-82-5	ppb	1900		2200		1600		4700		2900		4200		5200		15000		2600	
Aroclor-1262	37324-23-5	ppb	3100	U	3500	U	3300	U	3100	U	3700	U	1900	U	2200	U	12000	U	2200	U
Aroclor-1268	11100-14-4	ppb	3100	U	450		3300	U	3100	U	3700	U	1900	U	2200	U	12000	U	2200	U
Beta-BHC	319-85-7	ppb	150	U	210		170	U	150	U	190	U	97	U	110	U	600	U	110	U
Delta-BHC	319-86-8	ppb	190		180	U	210		520		190		97	U	110	U	600	U	110	U
Dieldrin	60-57-1	ppb	310	U	150		330	U	310	U	370	U	190	U	380		1200	U	80	
Endosulfan I	959-98-8	ppb	150	U	180	U	170	U	150	U	190	U	97	U	110	U	600	U	110	U
Endosulfan II	33213-65-9	ppb	310	U	350	U	330	U	310	U	370	U	190	U	220	U	1200	U	220	U
Endosulfan Sulfate	1031-07-8	ppb	310	U	100		330	U	310	U	370	U	190	U	220	U	1200	U	220	U
Endrin	72-20-8	ppb	310	U	350	U	330	U	310	U	370	U	190	U	220	U	1200	U	220	U
Endrin Aldehyde	7421-93-4	ppb	310	U	350	U	99		310	U	370	U	190	U	230		1200	U	220	U
Endrin Ketone	53494-70-5	ppb	310	U	350	U	330	U	310	U	97		190	U	220	U	1200	U	220	U
Gamma-BHC (Lindane)	58-89-9	ppb	150	U	180	U	170	U	150	U	26		97	U	110	U	600	U	110	U
Gamma-Chlordane	5566-34-7	ppb	150	U	180	U	170	U					250		210		2300		310	
Heptachlor	76-44-8	ppb	150	U	180	U	170	U	200		190	U	170		170		600	U	110	U
Heptachlor Epoxide	1024-57-3	ppb	150	U	180	U	170	U	770				420		320		600	U	190	
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1500	U	1800	U	1700	U	1500	U	840		250		1100	U	6000	U	1100	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	83		110		76		120		120		340		210		4100		570	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	11000		13000		9900		38000		15000		38000		52000		27000		9200	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	1800		920		810		11000		17000		2900		2300		7100		12000	
Total DDT (2,4)	TDDT-24	ppb	310	U	350	U	58		2300		4900		760		690		580		1800	
Total DDT (4,4)	TDDT-44	ppb	1800		920		760		8200		12000		2100		1600		6600		10000	
Toxaphene	8001-35-2	ppb	15000	U	18000	U	17000	U	15000	U	19000	U	9700	U	11000	U	60000	U	11000	U

		Location ID	NB02SED121		NB901		NB901		NB901		NB901		NB901		NB901		NB901		NB901	
		Sample Name	NB02SED121H-01		6JMS00021		6JMS00022		6JMS00023		6JMS00024		6JMS00025		6JMS00026		6JMS00027		6JMS00028	
		Date Collected	12/12/2007		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998	
		Depth	0.0-0.5		0.0-0.3		0.0-0.7		0.7-1.3		1.3-2.3		2.3-3.0		3.0-3.9		3.9-4.9		4.9-5.6	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	1400		240		310		270		290		250		290		400		530	
2,4'-DDE	3424-82-6	ppb	700		220		390		450		500		500		480		600		680	
2,4'-DDT	789-02-6	ppb	210	U	2100		19		32		16		28		19		22		26	
4,4'-DDD	72-54-8	ppb	4500		580		790		610		730		680		690		980		1300	
4,4'-DDE	72-55-9	ppb	2000		730		1300		1600		2700		1800		1700		2000		2300	
4,4'-DDT	50-29-3	ppb	18000		42		43		50		35		58		45		44		77	
Aldrin	309-00-2	ppb	90		0.67		1.1		0.55		0.94		1.7		1.4		2.2		4	
Alpha-BHC	319-84-6	ppb	110	U	3.1		5.7		5.9		6.3		7		5.7		5.3		5.7	
Alpha-Chlordane	5103-71-9	ppb	270		130		230		270		440		350		360		420		430	
Aroclor-1016	12674-11-2	ppb	2100	U																
Aroclor-1221	11104-28-2	ppb	2100	U																
Aroclor-1232	11141-16-5	ppb	2100	U																
Aroclor-1242	53469-21-9	ppb	2900																	
Aroclor-1248	12672-29-6	ppb	2100	U																
Aroclor-1254	11097-69-1	ppb	4500																	
Aroclor-1260	11096-82-5	ppb	2700																	
Aroclor-1262	37324-23-5	ppb	2100	U																
Aroclor-1268	11100-14-4	ppb	2100	U																
Beta-BHC	319-85-7	ppb	110	U	4.4		7.1		4.3		4.8		5.3		3.6		4.4		0.045	U
Delta-BHC	319-86-8	ppb	110	U																
Dieldrin	60-57-1	ppb	210	U	64		110		170		230		250		310		560		1300	
Endosulfan I	959-98-8	ppb	110	U	47	U	64	U	52	U	48	U	58	U	48	U	49	U	45	U
Endosulfan II	33213-65-9	ppb	210	U	47	U	64	U	52	U	48	U	58	U	48	U	49	U	45	U
Endosulfan Sulfate	1031-07-8	ppb	210	U	47	U	64	U	52	U	48	U	58	U	48	U	49	U	45	U
Endrin	72-20-8	ppb	210	U	47	U	64	U	52	U	48	U	58	U	48	U	49	U	45	U
Endrin Aldehyde	7421-93-4	ppb	210	U	47	U	64	U	52	U	48	U	58	U	48	U	49	U	45	U
Endrin Ketone	53494-70-5	ppb	210	U	47	U	64	U	52	U	48	U	58	U	48	U	49	U	45	U
Gamma-BHC (Lindane)	58-89-9	ppb	110	U	0.93		2.1		1.6		1.8		2.2		1.5		1.9		2.6	
Gamma-Chlordane	5566-34-7	ppb	310																	
Heptachlor	76-44-8	ppb	110	U	0.73		0.54		0.61		1.4		1.1		0.36		0.63		0.64	
Heptachlor Epoxide	1024-57-3	ppb	210		47	U	64	U	52	U	48	U	58	U	48	U	49	U	45	U
Hexachlorobenzene	118-74-1	ppb			76		100		100		130		120		100		130		230	
Methoxychlor	72-43-5	ppb	1100	U	47	U	64	U	5		6		10		7.1		9.3		6.2	
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	580																	
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	10000																	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	27000		4000		2800		3000		4400		3300		3300		4200		4900	
Total DDT (2,4)	TDDT-24	ppb	2100		2700		710		750		810		780		790		1000		1200	
Total DDT (4,4)	TDDT-44	ppb	25000		1400		2100		2300		3500		2500		2400		3000		3600	
Toxaphene	8001-35-2	ppb	11000	U																

Table B-7
TOC-Normalized Pesticides

		Location ID	NB901		NB901		NBA06		NWB01		NWB01		NWB01		NWB01		NWB01		NWB01	
		Sample Name	6JMS00029		6JMS00030		1JMS00007		1JMS00233		1JMS00234		1JMS00235		1JMS00236		1JMS00237		1JMS00238	
		Date Collected	9/24/1998		9/24/1998		7/13/1999		11/13/2001		11/13/2001		11/13/2001		11/13/2001		11/13/2001		11/13/2001	
		Depth	5.6-6.6		6.6-7.5		0.0-0.3		0.0-0.2		0.3		0.3-0.7		0.7-1.3		1.3-1.6		1.6-2.6	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	660		670		390		360		230		320		170		17		1.8	U
2,4'-DDE	3424-82-6	ppb	780		460		400		280		500		720		430		39		2.3	U
2,4'-DDT	789-02-6	ppb	0.0076	U	0.0081	U	23		8.6	U	3.7	U	7.2		7.7	U	4.5	U	3.4	U
4,4'-DDD	72-54-8	ppb	1500		1500		1200		990		520		720		490		64		2.3	U
4,4'-DDE	72-55-9	ppb	2200		2300		1900		930		1500		1800		1400		120		6.4	U
4,4'-DDT	50-29-3	ppb	26		42		510		350		15		23		470		4.6	U	3.6	U
Aldrin	309-00-2	ppb	1.5		2.5		11		12		15		20		14	U	3.5	U	2.6	U
Alpha-BHC	319-84-6	ppb	3.4		4.6		6.5		3.7		3.4		3.4		3.2		0.76	U	0.69	U
Alpha-Chlordane	5103-71-9	ppb	240		330		260		110		88		100	U	77		6.1	U	4.7	U
Aroclor-1016	12674-11-2	ppb																		
Aroclor-1221	11104-28-2	ppb																		
Aroclor-1232	11141-16-5	ppb																		
Aroclor-1242	53469-21-9	ppb																		
Aroclor-1248	12672-29-6	ppb																		
Aroclor-1254	11097-69-1	ppb																		
Aroclor-1260	11096-82-5	ppb																		
Aroclor-1262	37324-23-5	ppb																		
Aroclor-1268	11100-14-4	ppb																		
Beta-BHC	319-85-7	ppb	0.0076	U	0.0081	U	7.8		2.8		2.6		2.8		3.1		0.83	U	0.76	U
Delta-BHC	319-86-8	ppb																		
Dieldrin	60-57-1	ppb	580		700000		350		52		60		140		55		11	U	6.9	U
Endosulfan I	959-98-8	ppb	6.4	U	16000	U	4.2	U	24	U	20	U	33	U	22	U	18	U	7.6	U
Endosulfan II	33213-65-9	ppb	6.4	U	16000	U	4.2	U	23	U	17	U	22	U	25	U	14	U	10	U
Endosulfan Sulfate	1031-07-8	ppb	6.4	U	16000	U	4.2	U	0.62	U	1.8	U	2.4	U	2	U	3	U	1.3	U
Endrin	72-20-8	ppb	6.4	U	16000	U	4.2	U	9.9	U	8.8	U	21	U	15	U	15	U	6.8	U
Endrin Aldehyde	7421-93-4	ppb	6.4	U	16000	U	4.2	U	4.8	U	6.8	U	9.2	U	7.7	U	15	U	5.1	U
Endrin Ketone	53494-70-5	ppb	6.4	U	16000	U	4.2	U	2.7	U	3.7	U	5.3	U	2.8	U	3.3	U	4.3	U
Gamma-BHC (Lindane)	58-89-9	ppb	3.4		4.4		3.8		0.68	U	1.5		0.92	U	2		0.98	U	0.9	U
Gamma-Chlordane	5566-34-7	ppb																		
Heptachlor	76-44-8	ppb	0.32		0.0081	U	4.2	U	1.2	U	1.1	U	1.1	U	1.5	U	0.98	U	0.83	U
Heptachlor Epoxide	1024-57-3	ppb	0.6		540		5.1		1.9	U	0.8	U	0.97	U	0.77	U	1.4	U	0.83	U
Hexachlorobenzene	118-74-1	ppb	120		440		170		44		73		97		49		9.8		5.7	
Methoxychlor	72-43-5	ppb	3.4		9900		20	U	250	U	35	U	77	U	31	U	30	U	21	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb																		
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb																		
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	5200		5000		4400		2900		2800		3600		3000		240		6.4	U
Total DDT (2,4)	TDDT-24	ppb	1400		1100		840		620		720		1100		590		56		3.4	U
Total DDT (4,4)	TDDT-44	ppb	3800		3800		3600		2300		2000		2600		2400		180		6.4	U
Toxaphene	8001-35-2	ppb																		

		Location ID	NWB01		NWB01A		NWB01A		NWB01A		NWB01A		NWB01A		PC02SED086		PC02SED086		PC02SED086	
		Sample Name	1JMS00245		1JMS00152		1JMS00153		1JMS00154		1JMS00155		1JMS00156		PC02SED086E-01		PC02SED086E-02		PC02SED086E-03	
		Date Collected	11/13/2001		8/30/2000		8/30/2000		8/30/2000		8/30/2000		8/30/2000		11/28/2007		11/28/2007		11/28/2007	
		Depth	0.0-0.3		0.0-0.3		0.3		0.3-0.7		0.7-1.6		1.6-2.3		0.0-0.5		0.5-1.5		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	300		170		120		170		63		45		7600		3400		1600	
2,4'-DDE	3424-82-6	ppb	92		190		120		210		130		65		1900		2400		1500	
2,4'-DDT	789-02-6	ppb	3.8	U	5	U	3.8		6.4	U	1.6		3.9	U	990		140		110	
4,4'-DDD	72-54-8	ppb	780		570		380		470		190		130		19000		13000		8200	
4,4'-DDE	72-55-9	ppb	830		600		400		640		420		270		5500		7800		4300	
4,4'-DDT	50-29-3	ppb	45		53		18		28		15		5.7	U	36000		13000		24000	
Aldrin	309-00-2	ppb	10		4.7		4.5		8.6		24		4.9		190	U	100	U	140	U
Alpha-BHC	319-84-6	ppb	4.6		1.3		1.3		1.8		1		0.65		190	U	38		140	U
Alpha-Chlordane	5103-71-9	ppb	110		70		65		60		36		53		99		92		140	U
Aroclor-1016	12674-11-2	ppb													1900	U	2000	U	1400	U
Aroclor-1221	11104-28-2	ppb													1900	U	2000	U	1400	U
Aroclor-1232	11141-16-5	ppb													1900	U	2000	U	1400	U
Aroclor-1242	53469-21-9	ppb													2100		4200		3300	
Aroclor-1248	12672-29-6	ppb													1900	U	2000	U	1400	U
Aroclor-1254	11097-69-1	ppb													5000		7200		4900	
Aroclor-1260	11096-82-5	ppb													2100		3000		2200	
Aroclor-1262	37324-23-5	ppb													1900	U	2000	U	1400	U
Aroclor-1268	11100-14-4	ppb													1900	U	2000	U	1400	U
Beta-BHC	319-85-7	ppb	2.4		1.6		1.3		1.3		0.67		0.41		190	U	38		37	
Delta-BHC	319-86-8	ppb													190	U	100	U	140	U
Dieldrin	60-57-1	ppb	60		29		22		36		20		33		380	U	200	U	280	U
Endosulfan I	959-98-8	ppb	28	U	8.7	U	7.5	U	17	U	9.7	U	10	U	190	U	100	U	140	U
Endosulfan II	33213-65-9	ppb	27	U	8	U	3.5	U	18	U	6.5	U	1	U	380	U	200	U	280	U
Endosulfan Sulfate	1031-07-8	ppb	3.1	U	1.1	U	0.5	U	1.5	U	0.55	U	1.7	U	380	U	200	U	280	U
Endrin	72-20-8	ppb	18	U	6	U	2.8	U	8.6	U	4	U	6.5	U	380	U	36		280	U
Endrin Aldehyde	7421-93-4	ppb	10	U	2.9	U	2.8	U	7.3	U	2.6	U	7.8	U	94		200	U	280	U
Endrin Ketone	53494-70-5	ppb	5.1	U	3.7	U	4	U	7.3	U	2.8	U	4.9	U	380	U	68		280	U
Gamma-BHC (Lindane)	58-89-9	ppb	1.2	U	0.57		0.43		0.69	U	0.34		0.49	U	190	U	100	U	140	U
Gamma-Chlordane	5566-34-7	ppb													1900	U	1000	U	140	U
Heptachlor	76-44-8	ppb	0.92	U	0.63		0.35		0.64		0.3		0.29	U	190	U	38		140	U
Heptachlor Epoxide	1024-57-3	ppb	3.9		2.5		0.9		0.3	U	0.12		0.2		190	U	1000	U	1400	U
Hexachlorobenzene	118-74-1	ppb	140		37		24		33		20		31							
Methoxychlor	72-43-5	ppb	44	U	37	U	22	U	52	U	22	U	45	U	1900	U	200		1400	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb													99		92		140	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb													9200		14000		10000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	2000		1600		1000		1500		810		490		71000		40000		40000	
Total DDT (2,4)	TDDT-24	ppb	390		370		240		390		190		110		11000		6000		3300	
Total DDT (4,4)	TDDT-44	ppb	1700		1200		800		1200		610		390		61000		34000		36000	
Toxaphene	8001-35-2	ppb													19000	U	10000	U	14000	U

		Location ID	PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PR0001SDM		PR0002SDM		PR001		PR0013SDM	
		Sample Name	PC02SED086E-04		PC02SED086E-05		PC02SED086E-06		PC02SED086E-07		PC02SED086E-08		PR0001SDM		PR0002SDM		6JMS00011		PR0013SDM	
		Date Collected	11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		5/23/2000		5/24/2000		9/24/1998		5/23/2000	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.5		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb	1900		1200		3600		4500		1200						660			
2,4'-DDE	3424-82-6	ppb	2300		3100		8900		12000		6400						290			
2,4'-DDT	789-02-6	ppb	160		470		170		210	U	210	U					66			
4,4'-DDD	72-54-8	ppb	6900		6500		7600		11000		5200		960		720		1800		1100	
4,4'-DDE	72-55-9	ppb	5700		8400		19000		26000		15000		1400		1200		1500		1600	
4,4'-DDT	50-29-3	ppb	7100		20000		1000		4000		1800		1100		1100		340		2500	
Aldrin	309-00-2	ppb	93	U	130	U	59	U	200	U	100	U	100	U	120	U	11		96	U
Alpha-BHC	319-84-6	ppb	38		130	U	210		200	U	100	U	100	U	120	U	8.6		96	U
Alpha-Chlordane	5103-71-9	ppb	93	U	130	U	590	U	580		400		750	U	600	U	860		410	U
Aroclor-1016	12674-11-2	ppb	1900	U	1300	U	1200	U	2000	U	2100	U	2100	U	2500	U			19000	U
Aroclor-1221	11104-28-2	ppb	1900	U	1300	U	1200	U	2000	U	2100	U	2100	U	2500	U			19000	U
Aroclor-1232	11141-16-5	ppb	1900	U	1300	U	1200	U	2000	U	2100	U	2100	U	2500	U			19000	U
Aroclor-1242	53469-21-9	ppb	7100		28000		33000		4200		2100	U	2100	U	2500	U			19000	U
Aroclor-1248	12672-29-6	ppb	1900	U	1300	U	1200	U	2000	U	2100	U	11000		9000				28000	
Aroclor-1254	11097-69-1	ppb	8100		20000		28000				2100	U	11000		9600				28000	
Aroclor-1260	11096-82-5	ppb	3100		4600		5100		3200		690		8700		7200				17000	
Aroclor-1262	37324-23-5	ppb	1900	U	1300	U	1200	U	2000	U	2100	U								
Aroclor-1268	11100-14-4	ppb	1900	U	1300	U	1200	U	2000	U	2100	U								
Beta-BHC	319-85-7	ppb	93	U	130		300		50		100	U	100	U	120	U	23		96	U
Delta-BHC	319-86-8	ppb	93	U	130	U	590	U	200	U	100	U	100	U	120	U			96	U
Dieldrin	60-57-1	ppb	190	U	340		220		400	U	210	U	210	U	250	U	170		200	U
Endosulfan I	959-98-8	ppb	93	U			590	U	2000	U	1000	U	100	U	120	U	57	U	96	U
Endosulfan II	33213-65-9	ppb	190	U	260	U	84		400	U	210	U	210	U	250	U	57	U	200	U
Endosulfan Sulfate	1031-07-8	ppb	190	U	260	U	120	U	400	U	46		210	U	250	U	57	U	200	U
Endrin	72-20-8	ppb	190	U	260	U	82		400	U	210	U	210	U	250	U	57	U	200	U
Endrin Aldehyde	7421-93-4	ppb	190	U	260	U	120	U	190		210	U	370	U	390	U	57	U	600	U
Endrin Ketone	53494-70-5	ppb	190	U	260	U	120	U	400	U	210	U	210	U	250	U	57	U	200	U
Gamma-BHC (Lindane)	58-89-9	ppb	93	U	130	U	59	U	32		100	U	100	U	120	U	15		96	U
Gamma-Chlordane	5566-34-7	ppb	450	U	1300	U	590	U	2000	U	1000	U	100	U	120	U			96	U
Heptachlor	76-44-8	ppb	74		230		330		200	U	100	U	100	U	120	U	9.7		96	U
Heptachlor Epoxide	1024-57-3	ppb	450	U	1300				2000	U	100	U	190	U	120	U	40		96	U
Hexachlorobenzene	118-74-1	ppb															220			
Methoxychlor	72-43-5	ppb	480		500		320		2000	U	1000	U	1000	U	1200	U	3.4		960	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	450	U	1300	U	590	U	580		400		750	U	600	U			410	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	18000		53000		66000		7400		690		30000		26000				73000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb	24000		40000		40000		58000		29000						4600			
Total DDT (2,4)	TDDT-24	ppb	4300		4700		13000		16000		7500						1000			
Total DDT (4,4)	TDDT-44	ppb	20000		35000		28000		42000		22000		2900		3000		3700		5300	
Toxaphene	8001-35-2	ppb	9300	U	13000	U	5900	U	20000	U	10000	U	10000	U	12000	U			9600	U

		Location ID	PR00SD13		PRA04		SD001-200		SD002-14H		SD002-890		SD003-550		SD003-RF1		SD003-RF2		SD003-RF3	
		Sample Name	PR00SD13		1JMS00006		SD001-200-000005-203		SD002-14H-GRB005-11		SD002-890-GRB005-11		SD003-550-GRB005-11		SD003-RF1-GRB005-11		SD003-RF2-GRB005-11		SD003-RF3-GRB005-11	
		Date Collected	8/1/2000		7/13/1999		11/25/2003		4/22/2006		4/21/2006		4/21/2006		4/21/2006		4/21/2006		4/22/2006	
		Depth	0.0-0.5		0.0-0.3		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb			790															
2,4'-DDE	3424-82-6	ppb			360															
2,4'-DDT	789-02-6	ppb			120															
4,4'-DDD	72-54-8	ppb	810		2200		580	U	3700	U	2800		1800	U	880	U	1900	U	3200	U
4,4'-DDE	72-55-9	ppb	1700		1900		580	U	3700	U	1900	U	1800	U	880	U	1900	U	3200	U
4,4'-DDT	50-29-3	ppb	2200		430		580	U	3700	U	1900	U	1800	U	2200		1900	U	3200	U
Aldrin	309-00-2	ppb	380	U	5.4		580	U	1900	U	1000	U	940	U	460	U	1000	U	1600	U
Alpha-BHC	319-84-6	ppb	380	U	8.3		580	U	1900	U	1000	U	940	U	460	U	1000	U	1600	U
Alpha-Chlordane	5103-71-9	ppb	380	U	610				1900	U	1000	U	940	U	460	U	1000	U	1600	U
Aroclor-1016	12674-11-2	ppb	3800	U																
Aroclor-1221	11104-28-2	ppb	3800	U																
Aroclor-1232	11141-16-5	ppb	3800	U																
Aroclor-1242	53469-21-9	ppb	3800	U																
Aroclor-1248	12672-29-6	ppb	22000																	
Aroclor-1254	11097-69-1	ppb	22000																	
Aroclor-1260	11096-82-5	ppb	9000																	
Aroclor-1262	37324-23-5	ppb																		
Aroclor-1268	11100-14-4	ppb																		
Beta-BHC	319-85-7	ppb	380	U	18		580	U	1900	U	1000	U	940	U	460	U	1000	U	1600	U
Delta-BHC	319-86-8	ppb	380	U			580	U	1900	U	1000	U	940	U	460	U	1000	U	1600	U
Dieldrin	60-57-1	ppb	760	U	360		580	U	3700	U	1900	U	1800	U	880	U	1900	U	3200	U
Endosulfan I	959-98-8	ppb	380	U	2.7	U	580	U	1900	U	1000	U	940	U	460	U	1000	U	1600	U
Endosulfan II	33213-65-9	ppb	760	U	2.7	U	580	U	3700	U	1900	U	1800	U	880	U	1900	U	3200	U
Endosulfan Sulfate	1031-07-8	ppb	760	U	6.5		580	U	3700	U	1900	U	1800	U	880	U	1900	U	3200	U
Endrin	72-20-8	ppb	760	U	2.7	U	580	U	3700	U	1900	U	1800	U	880	U	1900	U	3200	U
Endrin Aldehyde	7421-93-4	ppb	760	U	2.7	U	580	U	3700	U	1900	U	1800	U	880	U	1900	U	3200	U
Endrin Ketone	53494-70-5	ppb	760	U	2.7	U	580	U	3700	U	1900	U	1800	U	880	U	1900	U	3200	U
Gamma-BHC (Lindane)	58-89-9	ppb	380	U	3.4		580	U	1900	U	1000	U	940	U	460	U	1000	U	1600	U
Gamma-Chlordane	5566-34-7	ppb	810	U					1900	U	1000	U	940	U	460	U	1000	U	1600	U
Heptachlor	76-44-8	ppb	380	U	4.3		580	U	1900	U	1000	U	940	U	460	U	1000	U	1600	U
Heptachlor Epoxide	1024-57-3	ppb	380	U	32		580	U	1900	U	1000	U	940	U	460	U	1000	U	1600	U
Hexachlorobenzene	118-74-1	ppb			330															
Methoxychlor	72-43-5	ppb	3800	U	150	U	580	U	19000	U	10000	U	9400	U	4600	U	10000	U	16000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	810	U					1900	U	1000	U	940	U	460	U	1000	U	1600	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	52000																	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb			5800															
Total DDT (2,4)	TDDT-24	ppb			1300															
Total DDT (4,4)	TDDT-44	ppb	4800		4700		580	U	3700	U	2800		1800	U	2200		1900	U	3200	U
Toxaphene	8001-35-2	ppb	38000	U			5800	U	37000	U	19000	U	18000	U	8800	U	19000	U	32000	U

Table B-7
TOC-Normalized Pesticides

		Location ID	SD004-200		SD004-200		SD004-200		SD009-025		SD009-450		SD00A-005		SD00A-025		SD00A-025		SD00A-050	
		Sample Name	SD004-200-000005-203		SD004-200-015020-203		SD004-200-035040-203		SD009-025-GRB005-11		SD009-450-GRB005-11		SD00A-005-000005-203		SD00A-025-000005-203		SD0DA-025-000005-203		SD00A-050-000005-203	
		Date Collected	11/22/2003		11/22/2003		11/22/2003		4/12/2006		4/20/2006		12/1/2003		11/23/2003		11/23/2003		11/23/2003	
		Depth	0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	3300	U	710	U	280	U	2400		2800	U	570	U	1200		500	U	490	U
4,4'-DDE	72-55-9	ppb	3300	U	1200		280	U	1100	U	2800	U	690		3700		2900		3400	
4,4'-DDT	50-29-3	ppb	3300	U	710	U	280	U	7200		2800	U	570	U	620	U	500	U	490	U
Aldrin	309-00-2	ppb	3300	U	710	U	280	U	570	U	1400	U	570	U	620	U	500	U	490	U
Alpha-BHC	319-84-6	ppb	3300	U	710	U	280	U	570	U	1400	U	570	U	620	U	500	U	490	U
Alpha-Chlordane	5103-71-9	ppb							570	U	1400	U								
Aroclor-1016	12674-11-2	ppb																		
Aroclor-1221	11104-28-2	ppb																		
Aroclor-1232	11141-16-5	ppb																		
Aroclor-1242	53469-21-9	ppb																		
Aroclor-1248	12672-29-6	ppb																		
Aroclor-1254	11097-69-1	ppb																		
Aroclor-1260	11096-82-5	ppb																		
Aroclor-1262	37324-23-5	ppb																		
Aroclor-1268	11100-14-4	ppb																		
Beta-BHC	319-85-7	ppb	3300	U	710	U	280	U	570	U	1400	U	570	U	620	U	500	U	490	U
Delta-BHC	319-86-8	ppb	3300	U	710	U	280	U	570	U	1400	U	570	U	620	U	500	U	490	U
Dieldrin	60-57-1	ppb	3300	U	710	U	280	U	1100	U	2800	U	570	U	1000		920		570	
Endosulfan I	959-98-8	ppb	3300	U	710	U	280	U	570	U	1400	U	570	U	620	U	500	U	490	U
Endosulfan II	33213-65-9	ppb	3300	U	710	U	280	U	1100	U	2800	U	570	U	620	U	500	U	490	U
Endosulfan Sulfate	1031-07-8	ppb	3300	U	710	U	280	U	1100	U	2800	U	570	U	620	U	500	U	490	U
Endrin	72-20-8	ppb	3300	U	710	U	280	U	1100	U	2800	U	1100		620	U	500	U	490	U
Endrin Aldehyde	7421-93-4	ppb	3300	U	710	U	280	U	1100	U	2800	U	1400		620	U	500	U	490	U
Endrin Ketone	53494-70-5	ppb	3300	U	1400		280	U	1100	U	2800	U	1500		1500		1400		1100	
Gamma-BHC (Lindane)	58-89-9	ppb	3300	U	710	U	280	U	570	U	1400	U	570	U	620	U	500	U	490	U
Gamma-Chlordane	5566-34-7	ppb							570	U	1400	U								
Heptachlor	76-44-8	ppb	3300	U	710	U	280	U	570	U	1400	U	570	U	620	U	500	U	490	U
Heptachlor Epoxide	1024-57-3	ppb	3300	U	710	U	280	U	570	U	1400	U	570	U	620	U	500	U	490	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	3300	U	710	U	280	U	5700	U	14000	U	740		620	U	500	U	490	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb							570	U	1400	U								
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb																		
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	3300	U	1200		280	U	9700		2800	U	690		4900		2900		3400	
Toxaphene	8001-35-2	ppb	33000	U	7100	U	2800	U	11000	U	28000	U	5700	U	6200	U	5000	U	4900	U

		Location ID	SD00A-050		SD00A-050		SD00A-100		SD00A-200		SD00B-005		SD00B-025		SD00B-025		SD00B-025		SD00B-025	
		Sample Name	SD00A-050-015020-203		SD00A-050-035040-203		SD00A-100-000005-203		SD00A-200-000005-203		SD00B-005-000005-203		SD00B-025-000005-203		SD00B-025-015020-203		SD00B-025-035040-203		SD00DB-025-000005-203	
		Date Collected	11/23/2003		11/23/2003		11/24/2003		12/1/2003		12/1/2003		12/1/2003		12/1/2003		12/1/2003		11/25/2003	
		Depth	1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1000		390	U	210		670		970	U	9200		340	U	390	U	810	U
4,4'-DDE	72-55-9	ppb	7200		390	U	770		2700		970	U	5300		340	U	390	U	2600	
4,4'-DDT	50-29-3	ppb	260	U	390	U	190	U	210	U	970	U	750	U	340	U	390	U	810	U
Aldrin	309-00-2	ppb	260	U	390	U	190	U	210	U	970	U	750	U	340	U	390	U	810	U
Alpha-BHC	319-84-6	ppb	260	U	390	U	190	U	210	U	970	U	750	U	340	U	390	U	810	U
Alpha-Chlordane	5103-71-9	ppb																		
Aroclor-1016	12674-11-2	ppb																		
Aroclor-1221	11104-28-2	ppb																		
Aroclor-1232	11141-16-5	ppb																		
Aroclor-1242	53469-21-9	ppb																		
Aroclor-1248	12672-29-6	ppb																		
Aroclor-1254	11097-69-1	ppb																		
Aroclor-1260	11096-82-5	ppb																		
Aroclor-1262	37324-23-5	ppb																		
Aroclor-1268	11100-14-4	ppb																		
Beta-BHC	319-85-7	ppb	330		390	U	270		210	U	970	U	750	U	340	U	390	U	810	U
Delta-BHC	319-86-8	ppb	260	U	390	U	190	U	210	U	970	U	750	U	340	U	390	U	810	U
Dieldrin	60-57-1	ppb	1200		390	U	190	U	210	U	970	U	1400		340	U	390	U	810	U
Endosulfan I	959-98-8	ppb	260	U	390	U	190	U	210	U	970	U	750	U	340	U	390	U	810	U
Endosulfan II	33213-65-9	ppb	260	U	390	U	190	U	210	U	970	U	750	U	340	U	390	U	810	U
Endosulfan Sulfate	1031-07-8	ppb	260	U	390	U	190	U	210	U	970	U	750	U	340	U	390	U	810	U
Endrin	72-20-8	ppb	260	U	390	U	190	U	210	U	970	U	750	U	340	U	390	U	810	U
Endrin Aldehyde	7421-93-4	ppb	610		390	U	280		210	U	970	U	1500		340	U	390	U	810	U
Endrin Ketone	53494-70-5	ppb	2900		390	U	280		210	U	970	U	4900		340	U	390	U	1900	
Gamma-BHC (Lindane)	58-89-9	ppb	260	U	390	U	190	U	210	U	970	U	750	U	340	U	390	U	810	U
Gamma-Chlordane	5566-34-7	ppb																		
Heptachlor	76-44-8	ppb	930		390	U	190	U	210	U	970	U	4700		340	U	390	U	810	U
Heptachlor Epoxide	1024-57-3	ppb	890		390	U	190	U	210	U	970	U	11000		340	U	390	U	810	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	300		390	U	410		210	U	970	U	2400		890		390	U	810	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb																		
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb																		
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	8100		390	U	990		3300		970	U	15000		340	U	390	U	2600	
Toxaphene	8001-35-2	ppb	2600	U	3900	U	1900	U	2100	U	9700	U	7500	U	3400	U	3900	U	8100	U

		Location ID	SD00B-048		SD00B-050		SD00B-050		SD00B-100		SD00B-100		SD00B-200		SD00C-005		SD00C-005		SD00C-005	
		Sample Name	SD00B-048-GRB005-11		SD00B-050-000005-203		SD0DB-050-000005-203		SD00B-100-000005-203		SD00B-100-015020-203		SD00B-200-000005-203		SD00C-005-000005-203		SD00C-005-015020-203		SD00C-005-035040-203	
		Date Collected	4/12/2006		11/23/2003		11/23/2003		11/22/2003		11/22/2003		11/22/2003		11/20/2003		11/20/2003		11/20/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	5300	U	490	U	410		750	U	2500	U	2200	U	460	U	450	U	450	U
4,4'-DDE	72-55-9	ppb	5300	U	490	U	2100		6600		2500	U	2200	U	460	U	450	U	450	U
4,4'-DDT	50-29-3	ppb	5300	U	490	U	340	U	750	U	2500	U	2200	U	460	U	450	U	450	U
Aldrin	309-00-2	ppb	2700	U	490	U	340	U	750	U	2500	U	2200	U	460	U	450	U	450	U
Alpha-BHC	319-84-6	ppb	2700	U	490	U	340	U	750	U	2500	U	2200	U	460	U	450	U	450	U
Alpha-Chlordane	5103-71-9	ppb	2700	U																
Aroclor-1016	12674-11-2	ppb																		
Aroclor-1221	11104-28-2	ppb																		
Aroclor-1232	11141-16-5	ppb																		
Aroclor-1242	53469-21-9	ppb																		
Aroclor-1248	12672-29-6	ppb																		
Aroclor-1254	11097-69-1	ppb																		
Aroclor-1260	11096-82-5	ppb																		
Aroclor-1262	37324-23-5	ppb																		
Aroclor-1268	11100-14-4	ppb																		
Beta-BHC	319-85-7	ppb	2700	U	490	U	340	U	750	U	2500	U	2200	U	460	U	450	U	450	U
Delta-BHC	319-86-8	ppb	2700	U	490	U	340	U	750	U	2500	U	2200	U	460	U	450	U	450	U
Dieldrin	60-57-1	ppb	5300	U	490	U	590		750	U	2500	U	2200	U	460	U	450	U	450	U
Endosulfan I	959-98-8	ppb	2700	U	490	U	340	U	750	U	2500	U	2200	U	460	U	450	U	450	U
Endosulfan II	33213-65-9	ppb	5300	U	490	U	340	U	750	U	2500	U	2200	U	460	U	450	U	450	U
Endosulfan Sulfate	1031-07-8	ppb	5300	U	490	U	340	U	750	U	2500	U	2200	U	460	U	450	U	450	U
Endrin	72-20-8	ppb	5300	U	490	U	340	U	750	U	2500	U	2200	U	460	U	450	U	450	U
Endrin Aldehyde	7421-93-4	ppb	5300	U	490	U	340	U	750	U	2500	U	2200	U	460	U	450	U	450	U
Endrin Ketone	53494-70-5	ppb	5300	U	490	U	1700		790		2500	U	2200	U	460	U	450	U	450	U
Gamma-BHC (Lindane)	58-89-9	ppb	2700	U	490	U	340	U	750	U	2500	U	2200	U	460	U	450	U	450	U
Gamma-Chlordane	5566-34-7	ppb	2700	U																
Heptachlor	76-44-8	ppb	2700	U	490	U	480		750	U	2500	U	2200	U	460	U	450	U	450	U
Heptachlor Epoxide	1024-57-3	ppb	2700	U	490	U	560		750	U	2500	U	2200	U	460	U	450	U	450	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	27000	U	490	U	340	U	750	U	2500	U	2200	U	460	U	450	U	450	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	2700	U																
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb																		
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	5300	U	490	U	2500		6600		2500	U	2200	U	460	U	450	U	450	U
Toxaphene	8001-35-2	ppb	53000	U	4900	U	3400	U	7500	U	25000	U	22000	U	4600	U	4500	U	4500	U

Table B-7
TOC-Normalized Pesticides

		Location ID	SD00C-025		SD00C-050		SD00C-100		SD00C-100		SD00C-200		SD00L-080		SD00L-400		SD010-050		SD010-10H	
		Sample Name	SD00C-025-000005-203		SD00C-050-000005-203		SD00C-100-000005-203		SD0DC-100-000005-203		SD00C-200-000005-203		SD00L-080-GRB005-11		SD00L-400-GRB005-11		SD010-050-GRB005-11		SD010-10H-GRB005-11	
		Date Collected	11/19/2003		11/19/2003		11/21/2003		11/21/2003		11/21/2003		4/12/2006		4/12/2006		4/12/2006		4/22/2006	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	430	U	400	U	790		900		1400	U	3200	U	2400	U	2000	U	11000	U
4,4'-DDE	72-55-9	ppb	430	U	400	U	1300		790		1400	U	3200	U	2400	U	2000	U	11000	U
4,4'-DDT	50-29-3	ppb	430	U	400	U	430	U	410	U	1400	U	3200	U	2400	U	2000	U	11000	U
Aldrin	309-00-2	ppb	430	U	400	U	430	U	410	U	1400	U	1600	U	1300	U	1000	U	5500	U
Alpha-BHC	319-84-6	ppb	430	U	400	U	430	U	410	U	1400	U	1600	U	1300	U	1000	U	5500	U
Alpha-Chlordane	5103-71-9	ppb											1600	U	1300	U	1000	U	5500	U
Aroclor-1016	12674-11-2	ppb																		
Aroclor-1221	11104-28-2	ppb																		
Aroclor-1232	11141-16-5	ppb																		
Aroclor-1242	53469-21-9	ppb																		
Aroclor-1248	12672-29-6	ppb																		
Aroclor-1254	11097-69-1	ppb																		
Aroclor-1260	11096-82-5	ppb																		
Aroclor-1262	37324-23-5	ppb																		
Aroclor-1268	11100-14-4	ppb																		
Beta-BHC	319-85-7	ppb	430	U	400	U	430	U	410	U	1400	U	1600	U	1300	U	1000	U	5500	U
Delta-BHC	319-86-8	ppb	430	U	400	U	430	U	410	U	1400	U	1600	U	1300	U	1000	U	5500	U
Dieldrin	60-57-1	ppb	430	U	400	U	430	U	410	U	1400	U	3200	U	2400	U	2000	U	11000	U
Endosulfan I	959-98-8	ppb	430	U	400	U	430	U	410	U	1400	U	1600	U	1300	U	1000	U	5500	U
Endosulfan II	33213-65-9	ppb	430	U	400	U	430	U	410	U	1400	U	3200	U	2400	U	2000	U	11000	U
Endosulfan Sulfate	1031-07-8	ppb	430	U	400	U	430	U	410	U	1400	U	3200	U	2400	U	2000	U	11000	U
Endrin	72-20-8	ppb	430	U	400	U	430	U	410	U	1400	U	3200	U	2400	U	2000	U	11000	U
Endrin Aldehyde	7421-93-4	ppb	430	U	400	U	430	U	410	U	1400	U	3200	U	2400	U	2000	U	11000	U
Endrin Ketone	53494-70-5	ppb	430	U	400	U	430	U	410	U	1400	U	3200	U	2400	U	2000	U	11000	U
Gamma-BHC (Lindane)	58-89-9	ppb	430	U	400	U	430	U	410	U	1400	U	1600	U	1300	U	1000	U	5500	U
Gamma-Chlordane	5566-34-7	ppb											1600	U	1300	U	1000	U	5500	U
Heptachlor	76-44-8	ppb	430	U	400	U	430	U	410	U	1400	U	1600	U	1300	U	1000	U	5500	U
Heptachlor Epoxide	1024-57-3	ppb	430	U	400	U	430	U	410	U	1400	U	1600	U	1300	U	1000	U	5500	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	430	U	400	U	830		680		1400	U	16000	U	13000	U	10000	U	55000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb											1600	U	1300	U	1000	U	5500	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb																		
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	430	U	400	U	2100		1700		1400	U	3200	U	2400	U	2000	U	11000	U
Toxaphene	8001-35-2	ppb	4300	U	4000	U	4300	U	4100	U	14000	U	32000	U	24000	U	20000	U	110000	U

		Location ID	SD011-152		SD012-100		SD014-200		SD014-500		SD01W-040		SD01W-040		SD01W-100		SD01W-100		SD01W-170	
		Sample Name	SD011-152-GRB005-11		SD012-100-GRB005-11		SD014-200-GRB005-11		SD014-500-GRB005-11		SD01W-040-000005-11		SD01W-040-005010-11		SD01W-100-000005-11		SD01W-100-005010-11		SD01W-170-000005-11	
		Date Collected	4/20/2006		4/12/2006		4/12/2006		4/12/2006		4/20/2006		4/20/2006		4/24/2006		4/24/2006		4/18/2006	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	820	U	1300	U	13000	U	7800	U	3000	U	2800	U	2400	U	2400	U	2500	U
4,4'-DDE	72-55-9	ppb	1300		1300	U	13000	U	7800	U	3000	U	2800	U	2400	U	2400	U	2500	U
4,4'-DDT	50-29-3	ppb	820	U	1300	U	13000	U	7800	U	3000	U	2800	U	2400	U	2400	U	2500	U
Aldrin	309-00-2	ppb	430	U	640	U	6800	U	4000	U	1500	U	1400	U	1200	U	1300	U	1300	U
Alpha-BHC	319-84-6	ppb	430	U	640	U	6800	U	4000	U	1500	U	1400	U	1200	U	1300	U	1300	U
Alpha-Chlordane	5103-71-9	ppb	430	U	640	U	6800	U	4000	U	1500	U	1400	U	1200	U	1300	U	1300	U
Aroclor-1016	12674-11-2	ppb																		
Aroclor-1221	11104-28-2	ppb																		
Aroclor-1232	11141-16-5	ppb																		
Aroclor-1242	53469-21-9	ppb																		
Aroclor-1248	12672-29-6	ppb																		
Aroclor-1254	11097-69-1	ppb																		
Aroclor-1260	11096-82-5	ppb																		
Aroclor-1262	37324-23-5	ppb																		
Aroclor-1268	11100-14-4	ppb																		
Beta-BHC	319-85-7	ppb	430	U	640	U	6800	U	4000	U	1500	U	1400	U	1200	U	1300	U	1300	U
Delta-BHC	319-86-8	ppb	430	U	640	U	6800	U	4000	U	1500	U	1400	U	1200	U	1300	U	1300	U
Dieldrin	60-57-1	ppb	820	U	1300	U	13000	U	7800	U	3000	U	2800	U	2400	U	2400	U	2500	U
Endosulfan I	959-98-8	ppb	430	U	640	U	6800	U	4000	U	1500	U	1400	U	1200	U	1300	U	1300	U
Endosulfan II	33213-65-9	ppb	820	U	1300	U	13000	U	7800	U	3000	U	2800	U	2400	U	2400	U	2500	U
Endosulfan Sulfate	1031-07-8	ppb	820	U	1300	U	13000	U	7800	U	3000	U	2800	U	2400	U	2400	U	2500	U
Endrin	72-20-8	ppb	820	U	1300	U	13000	U	7800	U	3000	U	2800	U	2400	U	2400	U	2500	U
Endrin Aldehyde	7421-93-4	ppb	820	U	1300	U	13000	U	7800	U	3000	U	2800	U	2400	U	2400	U	2500	U
Endrin Ketone	53494-70-5	ppb	820	U	1300	U	13000	U	7800	U	3000	U	2800	U	2400	U	2400	U	2500	U
Gamma-BHC (Lindane)	58-89-9	ppb	430	U	640	U	6800	U	4000	U	1500	U	1400	U	1200	U	1300	U	1300	U
Gamma-Chlordane	5566-34-7	ppb	430	U	640	U	6800	U	4000	U	1500	U	1400	U	1200	U	1300	U	1300	U
Heptachlor	76-44-8	ppb	430	U	640	U	6800	U	4000	U	1500	U	1400	U	1200	U	1300	U	1300	U
Heptachlor Epoxide	1024-57-3	ppb	430	U	640	U	6800	U	4000	U	1500	U	1400	U	1200	U	1300	U	1300	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	4300	U	6400	U	68000	U	40000	U	15000	U	14000	U	12000	U	13000	U	13000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	430	U	640	U	6800	U	4000	U	1500	U	1400	U	1200	U	1300	U	1300	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb																		
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	1300		1300	U	13000	U	7800	U	3000	U	2800	U	2400	U	2400	U	2500	U
Toxaphene	8001-35-2	ppb	8200	U	13000	U	130000	U	78000	U	30000	U	28000	U	24000	U	24000	U	25000	U

		Location ID	SD01W-170		SD01W-250		SD01W-250		SD02E-025		SD02E-060		SD02E-075		SD02E-075		SD02E-075		SD02E-075	
		Sample Name	SD01W-170-005010-11		SD01W-250-000005-11		SD01W-250-005010-11		SD02E-025-000005-203		SD02E-060-GRB005-11		SD02E-075-000005-103		SD02E-075-000005-203		SD02E-075-015020-203		SD02E-075-035040-203	
		Date Collected	4/18/2006		4/19/2006		4/19/2006		11/21/2003		4/12/2006		10/16/2003		11/20/2003		11/20/2003		11/20/2003	
		Depth	0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	2100	U	2300	U	3000	U	770		3300	U	630		490	U	460	U	350	U
4,4'-DDE	72-55-9	ppb	2100	U	2300	U	3000	U	1500		3300	U	830		490	U	460	U	350	U
4,4'-DDT	50-29-3	ppb	2100	U	2300	U	3000	U	460	U	3300	U	490	U	490	U	460	U	350	U
Aldrin	309-00-2	ppb	1100	U	1200	U	1600	U	460	U	1700	U	490	U	490	U	460	U	350	U
Alpha-BHC	319-84-6	ppb	1100	U	1200	U	1600	U	460	U	1700	U	490	U	490	U	460	U	350	U
Alpha-Chlordane	5103-71-9	ppb	1100	U	1200	U	1600	U			1700	U								
Aroclor-1016	12674-11-2	ppb																		
Aroclor-1221	11104-28-2	ppb																		
Aroclor-1232	11141-16-5	ppb																		
Aroclor-1242	53469-21-9	ppb																		
Aroclor-1248	12672-29-6	ppb																		
Aroclor-1254	11097-69-1	ppb																		
Aroclor-1260	11096-82-5	ppb																		
Aroclor-1262	37324-23-5	ppb																		
Aroclor-1268	11100-14-4	ppb																		
Beta-BHC	319-85-7	ppb	1100	U	1200	U	1600	U	460	U	1700	U	490	U	490	U	460	U	350	U
Delta-BHC	319-86-8	ppb	1100	U	1200	U	1600	U	460	U	1700	U	490	U	490	U	460	U	350	U
Dieldrin	60-57-1	ppb	2100	U	2300	U	3000	U	460	U	3300	U	490	U	490	U	460	U	350	U
Endosulfan I	959-98-8	ppb	1100	U	1200	U	1600	U	460	U	1700	U	490	U	490	U	460	U	350	U
Endosulfan II	33213-65-9	ppb	2100	U	2300	U	3000	U	460	U	3300	U	490	U	490	U	460	U	350	U
Endosulfan Sulfate	1031-07-8	ppb	2100	U	2300	U	3000	U	460	U	3300	U	490	U	490	U	460	U	350	U
Endrin	72-20-8	ppb	2100	U	2300	U	3000	U	460	U	3300	U	490	U	490	U	460	U	350	U
Endrin Aldehyde	7421-93-4	ppb	2100	U	2300	U	3000	U	460	U	3300	U	490	U	490	U	460	U	350	U
Endrin Ketone	53494-70-5	ppb	2100	U	2300	U	3000	U	460		3300	U	490	U	490	U	460	U	350	U
Gamma-BHC (Lindane)	58-89-9	ppb	1100	U	1200	U	1600	U	460	U	1700	U	490	U	490	U	460	U	350	U
Gamma-Chlordane	5566-34-7	ppb	1100	U	1200	U	1600	U			1700	U								
Heptachlor	76-44-8	ppb	1100	U	1200	U	1600	U	460	U	1700	U	490	U	490	U	460	U	350	U
Heptachlor Epoxide	1024-57-3	ppb	1100	U	1200	U	1600	U	460	U	1700	U	490	U	490	U	460	U	350	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	11000	U	12000	U	16000	U	460	U	17000	U	490	U	490	U	460	U	350	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	1100	U	1200	U	1600	U			1700	U								
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb																		
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	2100	U	2300	U	3000	U	2300		3300	U	1500		490	U	460	U	350	U
Toxaphene	8001-35-2	ppb	21000	U	23000	U	30000	U	4600	U	33000	U	4900	U	4900	U	4600	U	3500	U

		Location ID	SD02E-160		SD02E-160		SD02W-200		SD03E-025		SD03E-025		SD03E-042		SD03E-075		SD03E-075		SD03W-200	
		Sample Name	SD02E-160-000005-11		SD02E-160-005010-11		SD02W-200-035040-203		SD03E-025-000005-203		SD03E-025-015020-203		SD03E-042-GRB005-11		SD03E-075-000005-203		SD03E-075-015020-203		SD03W-200-000005-203	
		Date Collected	4/20/2006		4/20/2006		12/2/2003		11/16/2003		11/16/2003		4/12/2006		11/17/2003		11/17/2003		11/24/2003	
		Depth	0.0-0.5		0.5-1.0		3.4-3.9		0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5		1.4-2.0		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	4900	U	3400	U	1800	U	520	U	450	U	1800	U	420	U	2000	U	790	U
4,4'-DDE	72-55-9	ppb	4900	U	3400	U	1800	U	520	U	450	U	1800	U	420	U	2000	U	790	U
4,4'-DDT	50-29-3	ppb	4900	U	3400	U	1800	U	520	U	450	U	1800	U	420	U	2000	U	790	U
Aldrin	309-00-2	ppb	2500	U	1700	U	1800	U	520	U	450	U	940	U	420	U	2000	U	790	U
Alpha-BHC	319-84-6	ppb	2500	U	1700	U	1800	U	520	U	450	U	940	U	420	U	2000	U	790	U
Alpha-Chlordane	5103-71-9	ppb	2500	U	1700	U							940	U						
Aroclor-1016	12674-11-2	ppb																		
Aroclor-1221	11104-28-2	ppb																		
Aroclor-1232	11141-16-5	ppb																		
Aroclor-1242	53469-21-9	ppb																		
Aroclor-1248	12672-29-6	ppb																		
Aroclor-1254	11097-69-1	ppb																		
Aroclor-1260	11096-82-5	ppb																		
Aroclor-1262	37324-23-5	ppb																		
Aroclor-1268	11100-14-4	ppb																		
Beta-BHC	319-85-7	ppb	2500	U	1700	U	1800	U	520	U	450	U	940	U	420	U	2000	U	790	U
Delta-BHC	319-86-8	ppb	2500	U	1700	U	1800	U	520	U	450	U	940	U	420	U	2000	U	790	U
Dieldrin	60-57-1	ppb	4900	U	3400	U	1800	U	520	U	450	U	1800	U	420	U	2000	U	790	U
Endosulfan I	959-98-8	ppb	2500	U	1700	U	1800	U	520	U	450	U	940	U	420	U	2000	U	790	U
Endosulfan II	33213-65-9	ppb	4900	U	3400	U	1800	U	520	U	450	U	1800	U	420	U	2000	U	790	U
Endosulfan Sulfate	1031-07-8	ppb	4900	U	3400	U	1800	U	520	U	450	U	1800	U	420	U	2000	U	790	U
Endrin	72-20-8	ppb	4900	U	3400	U	1800	U	520	U	450	U	1800	U	420	U	2000	U	790	U
Endrin Aldehyde	7421-93-4	ppb	4900	U	3400	U	1800	U	7300		450	U	1800	U	420	U	2000	U	790	U
Endrin Ketone	53494-70-5	ppb	4900	U	3400	U	1800	U	520	U	450	U	1800	U	420	U	2000	U	790	U
Gamma-BHC (Lindane)	58-89-9	ppb	2500	U	1700	U	1800	U	520	U	450	U	940	U	420	U	2000	U	790	U
Gamma-Chlordane	5566-34-7	ppb	2500	U	1700	U							940	U						
Heptachlor	76-44-8	ppb	2500	U	1700	U	1800	U	520	U	450	U	940	U	420	U	2000	U	790	U
Heptachlor Epoxide	1024-57-3	ppb	2500	U	1700	U	1800	U	520	U	450	U	940	U	420	U	2000	U	790	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	25000	U	17000	U	1800	U	520	U	450	U	9400	U	420	U	2000	U	790	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	2500	U	1700	U							940	U						
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb																		
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	4900	U	3400	U	1800	U	520	U	450	U	1800	U	420	U	2000	U	790	U
Toxaphene	8001-35-2	ppb	49000	U	34000	U	18000	U	5200	U	4500	U	18000	U	4200	U	20000	U	7900	U

		Location ID	SD0DB-100		SD0JN-000		SD0JS-400		SD0KE-050		SD13E-005		SD13E-005		SD13E-005		SD13E-050		SD13E-060	
		Sample Name	SD0DB-100-000005-203		SD0JN-000-GRB005-11		SD0JS-400-GRB005-11		SD0KE-050-GRB005-11		SD13E-005-000005-203		SD13E-005-015020-203		SD13E-005-035040-203		SD13E-050-000005-203		SD13E-060-GRB005-11	
		Date Collected	11/22/2003		4/22/2006		4/22/2006		4/12/2006		11/17/2003		11/17/2003		11/17/2003		11/17/2003		4/12/2006	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1000	U	2400	U	2100	U	2400	U	190	U	500		290	U	430	U	3300	U
4,4'-DDE	72-55-9	ppb	1000	U	2400	U	2100	U	2400	U	600		1800		290	U	430	U	3700	
4,4'-DDT	50-29-3	ppb	1000	U	2400	U	2100	U	2400	U	470		450		290	U	430	U	3300	U
Aldrin	309-00-2	ppb	1000	U	1200	U	1100	U	1300	U	190	U	160	U	290	U	430	U	1700	U
Alpha-BHC	319-84-6	ppb	1000	U	1200	U	1100	U	1300	U	190	U	160	U	290	U	430	U	1700	U
Alpha-Chlordane	5103-71-9	ppb			1200	U	1100	U	1300	U									1700	U
Aroclor-1016	12674-11-2	ppb																		
Aroclor-1221	11104-28-2	ppb																		
Aroclor-1232	11141-16-5	ppb																		
Aroclor-1242	53469-21-9	ppb																		
Aroclor-1248	12672-29-6	ppb																		
Aroclor-1254	11097-69-1	ppb																		
Aroclor-1260	11096-82-5	ppb																		
Aroclor-1262	37324-23-5	ppb																		
Aroclor-1268	11100-14-4	ppb																		
Beta-BHC	319-85-7	ppb	1000	U	1200	U	1100	U	1300	U	190	U	160	U	400		430	U	1700	U
Delta-BHC	319-86-8	ppb	1000	U	1200	U	1100	U	1300	U	190	U	160	U	290	U	430	U	1700	U
Dieldrin	60-57-1	ppb	1000	U	2400	U	2100	U	2400	U	190	U	160	U	290	U	430	U	3300	U
Endosulfan I	959-98-8	ppb	1000	U	1200	U	1100	U	1300	U	190	U	160	U	290	U	430	U	1700	U
Endosulfan II	33213-65-9	ppb	1000	U	2400	U	2100	U	2400	U	190	U	160	U	290	U	430	U	3300	U
Endosulfan Sulfate	1031-07-8	ppb	1000	U	2400	U	2100	U	2400	U	190	U	160	U	290	U	430	U	3300	U
Endrin	72-20-8	ppb	1000	U	2400	U	2100	U	2400	U	190	U	160	U	290	U	430	U	3300	U
Endrin Aldehyde	7421-93-4	ppb	1000	U	2400	U	2100	U	2400	U	190	U	160	U	290	U	430	U	3300	U
Endrin Ketone	53494-70-5	ppb	1000	U	2400	U	2100	U	2400	U	410		230		290	U	430	U	3300	U
Gamma-BHC (Lindane)	58-89-9	ppb	1000	U	1200	U	1100	U	1300	U	190	U	230		290	U	430	U	1700	U
Gamma-Chlordane	5566-34-7	ppb			1200	U	1100	U	1300	U									1700	U
Heptachlor	76-44-8	ppb	1000	U	1200	U	1100	U	1300	U	190	U	160	U	290	U	430	U	1700	U
Heptachlor Epoxide	1024-57-3	ppb	1000	U	1200	U	1100	U	1300	U	190	U	160	U	290	U	430	U	1700	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1000	U	12000	U	11000	U	13000	U	190	U	300		440		430	U	17000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb			1200	U	1100	U	1300	U									1700	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb																		
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	1000	U	2400	U	2100	U	2400	U	1100		2800		290	U	430	U	3700	
Toxaphene	8001-35-2	ppb	10000	U	24000	U	21000	U	24000	U	1900	U	1600	U	2900	U	4300	U	33000	U

Table B-7
TOC-Normalized Pesticides

		Location ID	SD13E-100		SD13E-100		SD13E-100		SDOF8-012		TS13-SD-005		TS13-SD-005		TS13-SD-025		TS13-SD-025		TS13-SD-025	
		Sample Name	SD13E-100-000005-203		SD13E-100-015020-203		SD13E-100-035040-203		SDOF8-012-000005-103		TS13-SD-005-005		TS13-SD-005-510		TS13-SD-025-005		TS13-SD-025-005B		TS13-SD-025-510	
		Date Collected	11/18/2003		11/18/2003		11/18/2003		12/16/2003		11/6/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001	
		Depth	0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.2		0.2-0.3		0.0-0.2		0.0-0.2		0.2-0.3	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	340	U	350	U	380	U	830	U	160		270		180		450		270	
4,4'-DDE	72-55-9	ppb	340	U	350	U	380	U	2000		440		330		580		600		1200	
4,4'-DDT	50-29-3	ppb	340	U	350	U	380	U	830	U	30	U	96	U	77	U	350		120	U
Aldrin	309-00-2	ppb	340	U	350	U	380	U	830	U	15	U	49	U	40	U	40	U	63	U
Alpha-BHC	319-84-6	ppb	340	U	350	U	380	U	830	U	15	U	49	U	40	U	40	U	63	U
Alpha-Chlordane	5103-71-9	ppb									15	U	49	U	40	U	40	U	63	U
Aroclor-1016	12674-11-2	ppb									300	U	960	U	770	U	790	U	1200	U
Aroclor-1221	11104-28-2	ppb									630	U	1900	U	1500	U	1600	U	2500	U
Aroclor-1232	11141-16-5	ppb									300	U	960	U	770	U	790	U	1200	U
Aroclor-1242	53469-21-9	ppb									300	U	960	U	770	U	790	U	1200	U
Aroclor-1248	12672-29-6	ppb									300	U	1800		1200		1800		1200	U
Aroclor-1254	11097-69-1	ppb									300	U	960	U	770	U	790	U	1200	U
Aroclor-1260	11096-82-5	ppb									300	U	1400		2300		1400		1300	
Aroclor-1262	37324-23-5	ppb																		
Aroclor-1268	11100-14-4	ppb																		
Beta-BHC	319-85-7	ppb	340	U	350	U	540		830	U	15	U	49	U	40	U	40	U	63	U
Delta-BHC	319-86-8	ppb	340	U	350	U	380	U	830	U	15	U	49	U	40	U	40	U	63	U
Dieldrin	60-57-1	ppb	340	U	350	U	380	U	830	U	30	U	96	U	77	U	79	U	120	U
Endosulfan I	959-98-8	ppb	340	U	350	U	380	U	830	U	15	U	49	U	100		93		82	
Endosulfan II	33213-65-9	ppb	340	U	350	U	380	U	830	U	30	U	96	U	77	U	79	U	120	U
Endosulfan Sulfate	1031-07-8	ppb	340	U	350	U	380	U	830	U	30	U	96	U	77	U	79	U	120	U
Endrin	72-20-8	ppb	340	U	350	U	380	U	830	U	30	U	96	U	120		79	U	120	U
Endrin Aldehyde	7421-93-4	ppb	340	U	350	U	380	U	830	U	30	U	96	U	77	U	79	U	120	U
Endrin Ketone	53494-70-5	ppb	340	U	350	U	380	U	830	U	30	U	96	U	77	U	79	U	120	U
Gamma-BHC (Lindane)	58-89-9	ppb	340	U	350	U	380	U	830	U	15	U	49	U	40	U	40	U	63	U
Gamma-Chlordane	5566-34-7	ppb																		
Heptachlor	76-44-8	ppb	340	U	350	U	380	U	830	U	15	U	49	U	40	U	40	U	63	U
Heptachlor Epoxide	1024-57-3	ppb	340	U	350	U	380	U	830	U	15	U	49	U	40	U	40	U	63	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	340	U	350	U	380	U	830	U	1100		490	U	400	U	400	U	630	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb																		
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb									630	U	3300		3500		3200		1300	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	340	U	350	U	380	U	2000		630		590		760		1300		1400	
Toxaphene	8001-35-2	ppb	3400	U	3500	U	3800	U	8300	U	1500	U	4900	U	4000	U	4000	U	6300	U

		Location ID	TS13-SD-025		TS13-SD-050		TS13-SD-050		TS13-SD-150		TS13-SD-150		TS2-SD-005		TS2-SD-005		TS2-SD-025		TS2-SD-025	
		Sample Name	TS13-SD-025-510B		TS13-SD-050-005		TS13-SD-050-510		TS13-SD-150-005		TS13-SD-150-510		TS2-SD-005-005		TS2-SD-005-510		TS2-SD-025-005		TS2-SD-025-510	
		Date Collected	11/6/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001	
		Depth	0.2-0.3		0.0-0.2		0.2-0.3		0.0-0.2		0.2-0.3		0.0-0.2		0.2-0.3		0.0-0.2		0.2-0.3	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	380		230	U	1800	U	210	U	270	U	44	U	250		610		1300	
4,4'-DDE	72-55-9	ppb	500		230	U	1800	U	210	U	270	U	130		1200		2500		2600	
4,4'-DDT	50-29-3	ppb	140		230	U	1800	U	210	U	270	U	44	U	71	U	1300		160	
Aldrin	309-00-2	ppb	42	U	120	U	930	U	110	U	140	U	23	U	37	U	88	U	62	U
Alpha-BHC	319-84-6	ppb	42	U	120	U	930	U	110	U	140	U	23	U	37	U	88	U	62	U
Alpha-Chlordane	5103-71-9	ppb	42	U	120	U	930	U	120		140		23	U	37	U	88	U	62	U
Aroclor-1016	12674-11-2	ppb	810	U	2300	U	18000	U	2100	U	2700	U	440	U	710	U	1700	U	1200	U
Aroclor-1221	11104-28-2	ppb	1600	U	4600	U	36000	U	4400	U	5400	U	900	U	1500	U	3600	U	2400	U
Aroclor-1232	11141-16-5	ppb	810	U	2300	U	18000	U	2100	U	2700	U	440	U	710	U	1700	U	1200	U
Aroclor-1242	53469-21-9	ppb	810	U	2300	U	18000	U	2100	U	2700	U	440	U	710	U	1700	U	1200	U
Aroclor-1248	12672-29-6	ppb	1500		2300	U	18000	U	2100	U	2700	U	1300		8000		7700		4000	
Aroclor-1254	11097-69-1	ppb	810	U	2300	U	18000	U	2100	U	2700	U	440	U	710	U	1700	U	1200	U
Aroclor-1260	11096-82-5	ppb	2000		2300	U	18000	U	2100	U	2700	U	570		3100		5200		6400	
Aroclor-1262	37324-23-5	ppb																		
Aroclor-1268	11100-14-4	ppb																		
Beta-BHC	319-85-7	ppb	42	U	120	U	930	U	110	U	140	U	23	U	37	U	88	U	62	U
Delta-BHC	319-86-8	ppb	42	U	120	U	930	U	110	U	140	U	23	U	37	U	88	U	62	U
Dieldrin	60-57-1	ppb	81	U	230	U	1800	U	210	U	270	U	44	U	71	U	170	U	120	U
Endosulfan I	959-98-8	ppb	50		120	U	930	U	110	U	140	U	23	U	60		230		490	
Endosulfan II	33213-65-9	ppb	81	U	230	U	1800	U	210	U	270	U	44	U	71	U	170	U	120	U
Endosulfan Sulfate	1031-07-8	ppb	81	U	230	U	1800	U	210	U	270	U	44	U	71	U	170	U	120	U
Endrin	72-20-8	ppb	81	U	230	U	1800	U	210	U	270	U	44	U	180		330		420	
Endrin Aldehyde	7421-93-4	ppb	81	U	230	U	1800	U	210	U	270	U	44	U	71	U	170	U	120	U
Endrin Ketone	53494-70-5	ppb	81	U	230	U	1800	U	210	U	270	U	44	U	71	U	170	U	120	U
Gamma-BHC (Lindane)	58-89-9	ppb	42	U	120	U	930	U	110	U	140	U	23	U	37	U	88	U	62	U
Gamma-Chlordane	5566-34-7	ppb																		
Heptachlor	76-44-8	ppb	42	U	120	U	930	U	110	U	140	U	23	U	37	U	88	U	62	U
Heptachlor Epoxide	1024-57-3	ppb	42	U	120	U	930	U	110	U	140	U	23	U	37	U	88	U	62	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	420	U	1200	U	9300	U	1100	U	1400	U	230	U	370	U	880	U	620	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb																		
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	3500		4600	U	36000	U	4400	U	5400	U	1800		11000		13000		10000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	950		230	U	1800	U	210	U	270	U	130		1500		4400		4200	
Toxaphene	8001-35-2	ppb	4200	U	12000	U	93000	U	11000	U	14000	U	2300	U	3700	U	8800	U	6200	U

Table B-7
TOC-Normalized Pesticides

		Location ID	TS2-SD-050		TS2-SD-050		TS2-SD-150		TS2-SD-150		TS3-SD-005		TS3-SD-005		TS3-SD-025		TS3-SD-025		TS3-SD-050	
		Sample Name	TS2-SD-050-005		TS2-SD-050-510		TS2-SD-150-005		TS2-SD-150-510		TS3-SD-005-005		TS3-SD-005-510		TS3-SD-025-005		TS3-SD-025-510		TS3-SD-050-005	
		Date Collected	11/6/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001	
		Depth	0.0-0.2		0.2-0.3		0.0-0.2		0.2-0.3		0.0-0.2		0.2-0.3		0.0-0.2		0.2-0.3		0.0-0.2	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		Y		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	940		990		250	U	320	U	210		240		200		140		260	U
4,4'-DDE	72-55-9	ppb	5000		3900		410		320	U	620		610		310		290		260	U
4,4'-DDT	50-29-3	ppb	190	U	130	U	250	U	320	U	160		350		180	U	150	U	260	U
Aldrin	309-00-2	ppb	94	U	68	U	130	U	160	U	78	U	57	U	94	U	80	U	140	U
Alpha-BHC	319-84-6	ppb	94	U	68	U	130	U	160	U	78	U	57	U	94	U	80	U	140	U
Alpha-Chlordane	5103-71-9	ppb	94	U	68	U	130	U	160	U	78	U	57	U	94	U	80	U	140	U
Aroclor-1016	12674-11-2	ppb	1900	U	1300	U	2500	U	3200	U	1500	U	1100	U	1800	U	1500	U	2600	U
Aroclor-1221	11104-28-2	ppb	3800	U	2700	U	5200	U	6400	U	3000	U	2200	U	3700	U	3000	U	5400	U
Aroclor-1232	11141-16-5	ppb	1900	U	1300	U	2500	U	3200	U	1500	U	1100	U	1800	U	1500	U	2600	U
Aroclor-1242	53469-21-9	ppb	1900	U	1300	U	2500	U	3200	U	1500	U	1100	U	1800	U	1500	U	2600	U
Aroclor-1248	12672-29-6	ppb	1900	U	1300	U	2500	U	3200	U	3200		3300		1800	U	1500	U	2600	U
Aroclor-1254	11097-69-1	ppb	1900	U	1300	U	2500	U	3200	U	1500	U	1100	U	1800	U	1500	U	2600	U
Aroclor-1260	11096-82-5	ppb	1900	U	6400		2500	U	3200	U	1500	U	1100	U	1800	U	1500	U	2600	U
Aroclor-1262	37324-23-5	ppb																		
Aroclor-1268	11100-14-4	ppb																		
Beta-BHC	319-85-7	ppb	94	U	68	U	130	U	160	U	78	U	57	U	94	U	80	U	140	U
Delta-BHC	319-86-8	ppb	94	U	68	U	130	U	160	U	78	U	57	U	94	U	80	U	140	U
Dieldrin	60-57-1	ppb	190	U	130	U	250	U	320	U	150	U	110	U	180	U	150	U	260	U
Endosulfan I	959-98-8	ppb	680		720		130	U	160	U	78	U	57	U	94	U	80	U	140	U
Endosulfan II	33213-65-9	ppb	190	U	130	U	250	U	320	U	150	U	110	U	180	U	150	U	260	U
Endosulfan Sulfate	1031-07-8	ppb	190	U	130	U	250	U	320	U	150	U	110	U	180	U	150	U	260	U
Endrin	72-20-8	ppb	320		130	U	250	U	320	U	150	U	110	U	180	U	150	U	260	U
Endrin Aldehyde	7421-93-4	ppb	190	U	130	U	250	U	320	U	150	U	110	U	180	U	150	U	260	U
Endrin Ketone	53494-70-5	ppb	190	U	130	U	250	U	320	U	150	U	110	U	180	U	150	U	260	U
Gamma-BHC (Lindane)	58-89-9	ppb	94	U	68	U	130	U	160	U	78	U	57	U	94	U	80	U	140	U
Gamma-Chlordane	5566-34-7	ppb																		
Heptachlor	76-44-8	ppb	94	U	68	U	130	U	160	U	78	U	57	U	94	U	80	U	140	U
Heptachlor Epoxide	1024-57-3	ppb	94	U	68	U	130	U	160	U	78	U	57	U	94	U	80	U	140	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	940	U	790		1300	U	1600	U	780	U	570	U	940	U	800	U	1400	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb																		
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	3800	U	6400		5200	U	6400	U	3200		3300		3700	U	3000	U	5400	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	5900		4800		410		320	U	990		1200		420		350		260	U
Toxaphene	8001-35-2	ppb	9400	U	6800	U	13000	U	16000	U	7800	U	5700	U	9400	U	8000	U	14000	U

		Location ID	TS3-SD-050		TS3-SD-150		TS3-SD-150		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01	
		Sample Name	TS3-SD-050-510		TS3-SD-150-005		TS3-SD-150-510		HAB-01-00-05		HAB-01-05-15		HAB-01-103-115		HAB-01-115-135		HAB-01-135-149		HAB-01-15-25	
		Date Collected	11/6/2001		11/6/2001		11/6/2001		3/12/2008		3/12/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008	
		Depth	0.2-0.3		0.0-0.2		0.2-0.3		0.0-0.5		0.5-1.5		10.3-11.5		11.5-13.5		13.5-14.9		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	190	U	1300	U	850	U	2900		1700		6100		890		2200		1600	
4,4'-DDE	72-55-9	ppb	190	U	1300	U	850	U	2200		1600		7500		840		2500		1900	
4,4'-DDT	50-29-3	ppb	190	U	1300	U	850	U	4100		840		920	U	230	U	520	U	1600	
Aldrin	309-00-2	ppb	99	U	680	U	430	U	250	U	160	U	480	U	120	U	260	U	160	U
Alpha-BHC	319-84-6	ppb	99	U	680	U	430	U	250	U	160	U	480	U	120	U	260	U	160	U
Alpha-Chlordane	5103-71-9	ppb	99	U	680	U	430	U	250	U	160	U	480	U	120	U	260	U	160	U
Aroclor-1016	12674-11-2	ppb	1900	U	13000	U	8500	U	2500	U	1600	U	4800	U	1200	U	2600	U	1600	U
Aroclor-1221	11104-28-2	ppb	3800	U	27000	U	17000	U	2500	U	1600	U	4800	U	1200	U	2600	U	1600	U
Aroclor-1232	11141-16-5	ppb	1900	U	13000	U	8500	U	2500	U	1600	U	4800	U	1200	U	2600	U	1600	U
Aroclor-1242	53469-21-9	ppb	1900	U	13000	U	8500	U	2500	U	1600	U	4800	U	1200	U	2600	U	1600	U
Aroclor-1248	12672-29-6	ppb	1900	U	13000	U	8500	U	20000		18000		140000		14000		76000		21000	
Aroclor-1254	11097-69-1	ppb	1900	U	13000	U	8500	U	2500	U	1600	U	4800	U	1200	U	2600	U	1600	U
Aroclor-1260	11096-82-5	ppb	1900	U	13000	U	8500	U	2500	U	1600	U	4800	U	1200	U	2600	U	1600	U
Aroclor-1262	37324-23-5	ppb							2500	U	1600	U	4800	U	1200	U	2600	U	1600	U
Aroclor-1268	11100-14-4	ppb							2500	U	1600	U	4800	U	1200	U	2600	U	1600	U
Beta-BHC	319-85-7	ppb	99	U	680	U	430	U	250	U	160	U	480	U	120	U	260	U	160	U
Delta-BHC	319-86-8	ppb	99	U	680	U	430	U	250	U	160	U	480	U	120	U	260	U	160	U
Dieldrin	60-57-1	ppb	190	U	1300	U	850	U	480	U	320	U	920	U	230	U	520	U	300	U
Endosulfan I	959-98-8	ppb	99	U	680	U	430	U	250	U	160	U	480	U	120	U	260	U	160	U
Endosulfan II	33213-65-9	ppb	190	U	1300	U	850	U	480	U	320	U	920	U	230	U	520	U	300	U
Endosulfan Sulfate	1031-07-8	ppb	190	U	1300	U	1000		480	U	320	U	920	U	230	U	520	U	300	U
Endrin	72-20-8	ppb	190	U	1300	U	850	U	480	U	320	U	920	U	230	U	520	U	300	U
Endrin Aldehyde	7421-93-4	ppb	190	U	1300	U	850	U	480	U	320	U	920	U	230	U	520	U	300	U
Endrin Ketone	53494-70-5	ppb	190	U	1300	U	850	U	480	U	320	U	920	U	230	U	520	U	300	U
Gamma-BHC (Lindane)	58-89-9	ppb	99	U	680	U	430	U	250	U	160	U	480	U	120	U	260	U	160	U
Gamma-Chlordane	5566-34-7	ppb							250	U	160	U	480	U	120	U	260	U	160	U
Heptachlor	76-44-8	ppb	99	U	680	U	430	U	250	U	160	U	480	U	120	U	260	U	160	U
Heptachlor Epoxide	1024-57-3	ppb	99	U	680	U	430	U	250	U	160	U	480	U	120	U	260	U	160	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	990	U	6800	U	4300	U	2500	U	1600	U	4800	U	1200	U	2600	U	1600	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb							250	U	160	U	480	U	120	U	260	U	160	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	3800	U	27000	U	17000	U	20000		18000		140000		14000		76000		21000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	190	U	1300	U	850	U	9200		4200		14000		1700		4700		5100	
Toxaphene	8001-35-2	ppb	9900	U	68000	U	43000	U	4800	U	3200	U	9200	U	2300	U	5200	U	3000	U

		Location ID	VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02	
		Sample Name	HAB-01-25-31		HAB-01-38-55		HAB-01-55-75		HAB-01-75-85		HAB-02-00-05		HAB-02-05-15		HAB-02-115-135		HAB-02-135-149		HAB-02-15-25	
		Date Collected	3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008	
		Depth	2.5-3.1		3.8-5.5		5.5-7.5		7.5-8.5		0.0-0.5		0.5-1.5		11.5-13.5		13.5-14.9		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1900		2100		920		1300		2400		1200		230	U	1800		980	
4,4'-DDE	72-55-9	ppb	2200		1800		1900		2200		1500		2900		2900		5500		4600	
4,4'-DDT	50-29-3	ppb	2400		3100		200	U	220	U	300	U	400	U	230	U	340	U	310	U
Aldrin	309-00-2	ppb	110	U	110	U	110	U	110	U	150	U	200	U	120	U	180	U	160	U
Alpha-BHC	319-84-6	ppb	110	U	110	U	110	U	110	U	150	U	200	U	120	U	180	U	160	U
Alpha-Chlordane	5103-71-9	ppb	110	U	110	U	110	U	110	U	150	U	200	U	120	U	180	U	160	U
Aroclor-1016	12674-11-2	ppb	1100	U	1100	U	1100	U	1100	U	1500	U	2000	U	590	U	860	U	790	U
Aroclor-1221	11104-28-2	ppb	1100	U	1100	U	1100	U	1100	U	1500	U	2000	U	590	U	860	U	790	U
Aroclor-1232	11141-16-5	ppb	1100	U	1100	U	1100	U	1100	U	1500	U	2000	U	590	U	860	U	790	U
Aroclor-1242	53469-21-9	ppb	1100	U	1100	U	1100	U	1100	U	1500	U	2000	U	590	U	860	U	790	U
Aroclor-1248	12672-29-6	ppb	26000		21000		23000		57000		28000		34000		17000		40000		52000	
Aroclor-1254	11097-69-1	ppb	1100	U	1100	U	1100	U	1100	U	1500	U	2000	U	590	U	860	U	790	U
Aroclor-1260	11096-82-5	ppb	1100	U	1100	U	1100	U	1100	U	1500	U	2000	U	590	U	860	U	790	U
Aroclor-1262	37324-23-5	ppb	1100	U	1100	U	1100	U	1100	U	1500	U	2000	U	590	U	860	U	790	U
Aroclor-1268	11100-14-4	ppb	1100	U	1100	U	1100	U	1100	U	1500	U	2000	U	590	U	860	U	790	U
Beta-BHC	319-85-7	ppb	110	U	110	U	110	U	110	U	150	U	200	U	120	U	180	U	160	U
Delta-BHC	319-86-8	ppb	110	U	110	U	110	U	110	U	150	U	200	U	120	U	180	U	160	U
Dieldrin	60-57-1	ppb	210	U	210	U	200	U	220	U	300	U	400	U	230	U	340	U	310	U
Endosulfan I	959-98-8	ppb	110	U	110	U	110	U	110	U	150	U	200	U	120	U	180	U	160	U
Endosulfan II	33213-65-9	ppb	210	U	210	U	200	U	220	U	300	U	400	U	230	U	340	U	310	U
Endosulfan Sulfate	1031-07-8	ppb	210	U	210	U	200	U	220	U	300	U	400	U	230	U	340	U	310	U
Endrin	72-20-8	ppb	210	U	210	U	200	U	220	U	300	U	400	U	230	U	340	U	310	U
Endrin Aldehyde	7421-93-4	ppb	210	U	210	U	200	U	220	U	300	U	400	U	230	U	340	U	310	U
Endrin Ketone	53494-70-5	ppb	210	U	210	U	200	U	220	U	300	U	400	U	230	U	340	U	310	U
Gamma-BHC (Lindane)	58-89-9	ppb	110	U	110	U	110	U	110	U	150	U	200	U	120	U	180	U	160	U
Gamma-Chlordane	5566-34-7	ppb	110	U	110	U	110	U	110	U	150	U	200	U	120	U	180	U	160	U
Heptachlor	76-44-8	ppb	110	U	110	U	110	U	110	U	150	U	200	U	120	U	180	U	160	U
Heptachlor Epoxide	1024-57-3	ppb	110	U	110	U	110	U	110	U	150	U	200	U	120	U	180	U	160	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1100	U	1100	U	1100	U	1100	U	1500	U	2000	U	1200	U	1800	U	1600	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	110	U	110	U	110	U	110	U	150	U	200	U	120	U	180	U	160	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	26000		21000		23000		57000		28000		34000		17000		40000		52000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	6400		6900		2800		3400		3800		4000		2900		7400		5600	
Toxaphene	8001-35-2	ppb	2100	U	2100	U	2000	U	2200	U	3000	U	4000	U	2300	U	3400	U	3100	U

		Location ID	VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-03		VT-08-03		VT-08-03		VT-08-03	
		Sample Name	HAB-02-25-35		HAB-02-35-55		HAB-02-55-75		HAB-02-75-92		HAB-02-93-115		HAB-03-00-05		HAB-03-05-15		HAB-03-15-25		HAB-03-25-35	
		Date Collected	3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.2		9.3-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	850		1200		1300		590		960		1400		1200		1100		1000	
4,4'-DDE	72-55-9	ppb	4100		4600		3300		1600		2300		2000		1700		1500		1900	
4,4'-DDT	50-29-3	ppb	320	U	330	U	290	U	290	U	150	U	550		1500		860		320	U
Aldrin	309-00-2	ppb	160	U	170	U	160	U	150	U	81	U	180	U	120	U	110	U	160	U
Alpha-BHC	319-84-6	ppb	160	U	170	U	160	U	150	U	81	U	180	U	120	U	110	U	160	U
Alpha-Chlordane	5103-71-9	ppb	160	U	170	U	160	U	150	U	81	U	180	U	120	U	110	U	160	U
Aroclor-1016	12674-11-2	ppb	790	U	830	U	770	U	1500	U	810	U	1800	U	1200	U	1100	U	1600	U
Aroclor-1221	11104-28-2	ppb	790	U	830	U	770	U	1500	U	810	U	1800	U	1200	U	1100	U	1600	U
Aroclor-1232	11141-16-5	ppb	790	U	830	U	770	U	1500	U	810	U	1800	U	1200	U	1100	U	1600	U
Aroclor-1242	53469-21-9	ppb	790	U	830	U	770	U	1500	U	810	U	1800	U	1200	U	1100	U	1600	U
Aroclor-1248	12672-29-6	ppb	57000		58000		40000		18000		15000		16000		15000		15000		27000	
Aroclor-1254	11097-69-1	ppb	790	U	830	U	770	U	1500	U	810	U	1800	U	1200	U	1100	U	1600	U
Aroclor-1260	11096-82-5	ppb	790	U	830	U	770	U	1500	U	810	U	1800	U	1200	U	1100	U	1600	U
Aroclor-1262	37324-23-5	ppb	790	U	830	U	770	U	1500	U	810	U	1800	U	1200	U	1100	U	1600	U
Aroclor-1268	11100-14-4	ppb	790	U	830	U	770	U	1500	U	810	U	1800	U	1200	U	1100	U	1600	U
Beta-BHC	319-85-7	ppb	160	U	170	U	160	U	150	U	81	U	180	U	120	U	110	U	160	U
Delta-BHC	319-86-8	ppb	160	U	170	U	160	U	150	U	81	U	180	U	120	U	110	U	160	U
Dieldrin	60-57-1	ppb	320	U	330	U	290	U	290	U	150	U	350	U	240	U	210	U	320	U
Endosulfan I	959-98-8	ppb	160	U	170	U	160	U	150	U	81	U	180	U	120	U	110	U	160	U
Endosulfan II	33213-65-9	ppb	320	U	330	U	290	U	290	U	150	U	350	U	240	U	210	U	320	U
Endosulfan Sulfate	1031-07-8	ppb	320	U	330	U	290	U	290	U	150	U	160		240	U	210	U	320	U
Endrin	72-20-8	ppb	320	U	330	U	290	U	290	U	150	U	350	U	240	U	210	U	320	U
Endrin Aldehyde	7421-93-4	ppb	320	U	330	U	290	U	290	U	150	U	350	U	240	U	210	U	320	U
Endrin Ketone	53494-70-5	ppb	320	U	330	U	290	U	290	U	150	U	350	U	240	U	210	U	320	U
Gamma-BHC (Lindane)	58-89-9	ppb	160	U	170	U	160	U	150	U	81	U	180	U	120	U	110	U	160	U
Gamma-Chlordane	5566-34-7	ppb	160	U	170	U	160	U	150	U	81	U	180	U	120	U	110	U	160	U
Heptachlor	76-44-8	ppb	160	U	170	U	160	U	150	U	81	U	180	U	120	U	110	U	160	U
Heptachlor Epoxide	1024-57-3	ppb	160	U	170	U	160	U	150	U	81	U	180	U	120	U	110	U	160	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1600	U	1700	U	1600	U	1500	U	810	U	1800	U	1200	U	1100	U	1600	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	160	U	170	U	160	U	150	U	81	U	180	U	120	U	110	U	160	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	57000		58000		40000		18000		15000		16000		15000		15000		27000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	4900		5800		4600		2100		3200		3900		4200		3600		2900	
Toxaphene	8001-35-2	ppb	3200	U	3300	U	2900	U	2900	U	1500	U	3500	U	2400	U	2100	U	3200	U

		Location ID	VT-08-03		VT-08-03		VT-08-03		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-04	
		Sample Name	HAB-03-35-55		HAB-03-55-75		HAB-03-75-95		HAB-04-00-05		HAB-04-05-15		HAB-04-15-25		HAB-04-25-35		HAB-04-35-55		HAB-04-55-65	
		Date Collected	3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/13/2008		3/13/2008		3/13/2008	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-6.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	890		340		1100		1100		1500		1900		1900		790		890	
4,4'-DDE	72-55-9	ppb	1600		900		1900		2100		2500		2600		1900		1800		1800	
4,4'-DDT	50-29-3	ppb	230	U	240	U	640	U	880		810		1500		4000		240	U	230	U
Aldrin	309-00-2	ppb	120	U	120	U	320	U	130	U	130	U	120	U	130	U	130	U	120	U
Alpha-BHC	319-84-6	ppb	120	U	120	U	320	U	130	U	130	U	120	U	130	U	130	U	120	U
Alpha-Chlordane	5103-71-9	ppb	120	U	120	U	320	U	540		130	U	120	U	130	U	130	U	120	U
Aroclor-1016	12674-11-2	ppb	1200	U	1200	U	3200	U	1300	U	1300	U	1200	U	1300	U	1300	U	1200	U
Aroclor-1221	11104-28-2	ppb	1200	U	1200	U	3200	U	1300	U	1300	U	1200	U	1300	U	1300	U	1200	U
Aroclor-1232	11141-16-5	ppb	1200	U	1200	U	3200	U	1300	U	1300	U	1200	U	1300	U	1300	U	1200	U
Aroclor-1242	53469-21-9	ppb	1200	U	1200	U	3200	U	1300	U	1300	U	1200	U	1300	U	1300	U	1200	U
Aroclor-1248	12672-29-6	ppb	17000		15000		21000		47000		28000		24000		19000		31000		48000	
Aroclor-1254	11097-69-1	ppb	1200	U	1200	U	3200	U	1300	U	1300	U	1200	U	1300	U	1300	U	1200	U
Aroclor-1260	11096-82-5	ppb	1200	U	1200	U	3200	U	1300	U	1300	U	1200	U	1300	U	1300	U	1200	U
Aroclor-1262	37324-23-5	ppb	1200	U	1200	U	3200	U	1300	U	1300	U	1200	U	1300	U	1300	U	1200	U
Aroclor-1268	11100-14-4	ppb	1200	U	1200	U	3200	U	1300	U	1300	U	1200	U	1300	U	1300	U	1200	U
Beta-BHC	319-85-7	ppb	120	U	120	U	320	U	130	U	130	U	120	U	130	U	130	U	120	U
Delta-BHC	319-86-8	ppb	120	U	120	U	320	U	130	U	130	U	120	U	130	U	130	U	120	U
Dieldrin	60-57-1	ppb	230	U	240	U	640	U	250	U	250	U	230	U	250	U	240	U	230	U
Endosulfan I	959-98-8	ppb	120	U	120	U	320	U	130	U	130	U	120	U	130	U	130	U	120	U
Endosulfan II	33213-65-9	ppb	230	U	240	U	640	U	250	U	250	U	230	U	250	U	240	U	230	U
Endosulfan Sulfate	1031-07-8	ppb	230	U	240	U	640	U	250	U	250	U	230	U	250	U	240	U	230	U
Endrin	72-20-8	ppb	230	U	240	U	640	U	250	U	250	U	230	U	250	U	240	U	230	U
Endrin Aldehyde	7421-93-4	ppb	230	U	240	U	640	U	250	U	250	U	230	U	250	U	240	U	230	U
Endrin Ketone	53494-70-5	ppb	230	U	240	U	640	U	250	U	250	U	230	U	250	U	240	U	230	U
Gamma-BHC (Lindane)	58-89-9	ppb	120	U	120	U	320	U	130	U	130	U	120	U	130	U	130	U	120	U
Gamma-Chlordane	5566-34-7	ppb	120	U	120	U	320	U	1900		130	U	120	U	130	U	130	U	120	U
Heptachlor	76-44-8	ppb	120	U	120	U	320	U	1500		130	U	120	U	130	U	130	U	120	U
Heptachlor Epoxide	1024-57-3	ppb	120	U	120	U	320	U	130	U	130	U	120	U	130	U	130	U	120	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1200	U	1200	U	3200	U	1300	U	1300	U	1200	U	1300	U	1300	U	1200	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	120	U	120	U	320	U	2500		130	U	120	U	130	U	130	U	120	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	17000		15000		21000		47000		28000		24000		19000		31000		48000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	2500		1200		3000		4100		4900		6000		7600		2600		2700	
Toxaphene	8001-35-2	ppb	2300	U	2400	U	6400	U	2500	U	2500	U	2300	U	2500	U	2400	U	2300	U

		Location ID	VT-08-04		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05	
		Sample Name	HAB-04-65-75		HAB-05-00-05		HAB-05-05-15		HAB-05-115-135		HAB-05-135-151		HAB-05-15-25		HAB-05-25-35		HAB-05-35-49		HAB-05-64-75	
		Date Collected	3/13/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008	
		Depth	6.5-7.5		0.0-0.5		0.5-1.5		11.5-13.5		13.5-15.1		1.5-2.5		2.5-3.5		3.5-4.9		6.4-7.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	750		1300		1400		1400		1100		1900		1400		520		1000	
4,4'-DDE	72-55-9	ppb	1800		1900		1800		2300		2500		2300		1600		940		1900	
4,4'-DDT	50-29-3	ppb	620	U	500	U	760		240	U	250	U	1400		680		2000		200	U
Aldrin	309-00-2	ppb	320	U	260	U	150	U	120	U	130	U	130	U	100	U	57	U	100	U
Alpha-BHC	319-84-6	ppb	320	U	260	U	150	U	120	U	130	U	130	U	100	U	57	U	100	U
Alpha-Chlordane	5103-71-9	ppb	320	U	260	U	150	U	120	U	130	U	130	U	100	U	57	U	100	U
Aroclor-1016	12674-11-2	ppb	3200	U	2600	U	1500	U	1200	U	1300	U	1300	U	1000	U	570	U	1000	U
Aroclor-1221	11104-28-2	ppb	3200	U	2600	U	1500	U	1200	U	1300	U	1300	U	1000	U	570	U	1000	U
Aroclor-1232	11141-16-5	ppb	3200	U	2600	U	1500	U	1200	U	1300	U	1300	U	1000	U	570	U	1000	U
Aroclor-1242	53469-21-9	ppb	3200	U	2600	U	1500	U	1200	U	1300	U	1300	U	1000	U	570	U	1000	U
Aroclor-1248	12672-29-6	ppb	27000		18000		13000		54000		53000		21000		17000		9100		20000	
Aroclor-1254	11097-69-1	ppb	3200	U	2600	U	1500	U	1200	U	1300	U	1300	U	1000	U	570	U	1000	U
Aroclor-1260	11096-82-5	ppb	3200	U	2600	U	1500	U	1200	U	1300	U	1300	U	1000	U	570	U	1000	U
Aroclor-1262	37324-23-5	ppb	3200	U	2600	U	1500	U	1200	U	1300	U	1300	U	1000	U	570	U	1000	U
Aroclor-1268	11100-14-4	ppb	3200	U	2600	U	1500	U	1200	U	1300	U	1300	U	1000	U	570	U	1000	U
Beta-BHC	319-85-7	ppb	320	U	260	U	150	U	120	U	130	U	130	U	100	U	57	U	100	U
Delta-BHC	319-86-8	ppb	320	U	260	U	150	U	120	U	130	U	130	U	100	U	57	U	100	U
Dieldrin	60-57-1	ppb	620	U	500	U	280	U	240	U	250	U	250	U	200	U	110	U	200	U
Endosulfan I	959-98-8	ppb	320	U	260	U	150	U	120	U	130	U	130	U	100	U	57	U	100	U
Endosulfan II	33213-65-9	ppb	620	U	500	U	280	U	240	U	250	U	250	U	200	U	110	U	200	U
Endosulfan Sulfate	1031-07-8	ppb	620	U	500	U	280	U	240	U	250	U	250	U	200	U	110	U	200	U
Endrin	72-20-8	ppb	620	U	500	U	280	U	240	U	250	U	250	U	200	U	110	U	200	U
Endrin Aldehyde	7421-93-4	ppb	620	U	500	U	280	U	240	U	250	U	250	U	200	U	110	U	200	U
Endrin Ketone	53494-70-5	ppb	620	U	500	U	280	U	240	U	250	U	250	U	200	U	110	U	200	U
Gamma-BHC (Lindane)	58-89-9	ppb	320	U	260	U	150	U	120	U	130	U	130	U	100	U	57	U	100	U
Gamma-Chlordane	5566-34-7	ppb	320	U	260	U	150	U	120	U	130	U	130	U	100	U	57	U	100	U
Heptachlor	76-44-8	ppb	320	U	260	U	150	U	120	U	130	U	130	U	100	U	57	U	100	U
Heptachlor Epoxide	1024-57-3	ppb	320	U	260	U	150	U	120	U	1500		130	U	100	U	57	U	100	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	3200	U	2600	U	1500	U	1200	U	1300	U	1300	U	1000	U	570	U	1000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	320	U	260	U	150	U	120	U	130	U	130	U	100	U	57	U	100	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	27000		18000		13000		54000		53000		21000		17000		9100		20000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	2600		3200		4000		3700		3600		5700		3700		3400		3000	
Toxaphene	8001-35-2	ppb	6200	U	5000	U	2800	U	2400	U	2500	U	2500	U	2000	U	1100	U	2000	U

		Location ID	VT-08-05		VT-08-05		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06	
		Sample Name	HAB-05-75-85		HAB-05-95-115		HAB-06-00-05		HAB-06-05-15		HAB-06-107-115		HAB-06-115-128		HAB-06-15-25		HAB-06-25-35		HAB-06-35-55	
		Date Collected	3/14/2008		3/14/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008	
		Depth	7.5-8.5		9.5-11.5		0.0-0.5		0.5-1.5		10.7-11.5		11.5-12.8		1.5-2.5		2.5-3.5		3.5-5.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	830		1100		1200		1500		850		810		1100		1100		1200	
4,4'-DDE	72-55-9	ppb	1700		2000		1500		1900		1700		1200		1600		1700		1700	
4,4'-DDT	50-29-3	ppb	190	U	200	U	1900		680		220	U	180	U	530		210	U	750	
Aldrin	309-00-2	ppb	97	U	100	U	170	U	120	U	110	U	92	U	130	U	110	U	120	U
Alpha-BHC	319-84-6	ppb	97	U	100	U	170	U	120	U	110	U	92	U	130	U	110	U	120	U
Alpha-Chlordane	5103-71-9	ppb	97	U	100	U	170	U	120	U	110	U	92	U	130	U	110	U	120	U
Aroclor-1016	12674-11-2	ppb	970	U	1000	U	1700	U	1200	U	1100	U	920	U	1300	U	1100	U	1200	U
Aroclor-1221	11104-28-2	ppb	970	U	1000	U	1700	U	1200	U	1100	U	920	U	1300	U	1100	U	1200	U
Aroclor-1232	11141-16-5	ppb	970	U	1000	U	1700	U	1200	U	1100	U	920	U	1300	U	1100	U	1200	U
Aroclor-1242	53469-21-9	ppb	970	U	1000	U	1700	U	1200	U	1100	U	920	U	1300	U	1100	U	1200	U
Aroclor-1248	12672-29-6	ppb	23000		40000		15000		18000		27000		24000		15000		15000		15000	
Aroclor-1254	11097-69-1	ppb	970	U	1000	U	1700	U	1200	U	1100	U	920	U	1300	U	1100	U	1200	U
Aroclor-1260	11096-82-5	ppb	970	U	1000	U	1700	U	1200	U	1100	U	920	U	1300	U	1100	U	1200	U
Aroclor-1262	37324-23-5	ppb	970	U	1000	U	1700	U	1200	U	1100	U	920	U	1300	U	1100	U	1200	U
Aroclor-1268	11100-14-4	ppb	970	U	1000	U	1700	U	1200	U	1100	U	920	U	1300	U	1100	U	1200	U
Beta-BHC	319-85-7	ppb	97	U	100	U	170	U	120	U	110	U	92	U	130	U	110	U	120	U
Delta-BHC	319-86-8	ppb	97	U	100	U	170	U	120	U	110	U	92	U	130	U	110	U	120	U
Dieldrin	60-57-1	ppb	190	U	200	U	330	U	240	U	220	U	180	U	250	U	210	U	230	U
Endosulfan I	959-98-8	ppb	97	U	100	U	170	U	120	U	110	U	92	U	130	U	110	U	120	U
Endosulfan II	33213-65-9	ppb	190	U	200	U	330	U	240	U	220	U	180	U	250	U	210	U	230	U
Endosulfan Sulfate	1031-07-8	ppb	190	U	200	U	330	U	240	U	220	U	180	U	250	U	210	U	230	U
Endrin	72-20-8	ppb	190	U	200	U	330	U	240	U	220	U	180	U	250	U	210	U	230	U
Endrin Aldehyde	7421-93-4	ppb	190	U	200	U	330	U	240	U	220	U	180	U	250	U	210	U	230	U
Endrin Ketone	53494-70-5	ppb	190	U	200	U	330	U	240	U	220	U	180	U	250	U	210	U	230	U
Gamma-BHC (Lindane)	58-89-9	ppb	97	U	100	U	170	U	120	U	110	U	92	U	130	U	110	U	120	U
Gamma-Chlordane	5566-34-7	ppb	97	U	100	U	170	U	120	U	110	U	92	U	130	U	110	U	120	U
Heptachlor	76-44-8	ppb	97	U	100	U	170	U	120	U	110	U	92	U	130	U	110	U	120	U
Heptachlor Epoxide	1024-57-3	ppb	97	U	100	U	170	U	120	U	110	U	92	U	130	U	110	U	120	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	970	U	1000	U	1700	U	1200	U	1100	U	920	U	1300	U	1100	U	1200	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	97	U	100	U	170	U	120	U	110	U	92	U	130	U	110	U	120	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	23000		40000		15000		18000		27000		24000		15000		15000		15000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	2600		3000		4600		4000		2500		2000		3100		2800		3800	
Toxaphene	8001-35-2	ppb	1900	U	2000	U	3300	U	2400	U	2200	U	1800	U	2500	U	2100	U	2300	U

		Location ID	VT-08-06		VT-08-06		VT-08-07		VT-08-07		VT-08-07		VT-08-07		VT-08-07		VT-08-08		VT-08-08	
		Sample Name	HAB-06-55-75		HAB-06-75-95		HAB-07-00-05		HAB-07-05-15		HAB-07-15-25		HAB-07-25-35		HAB-07-35-55		HAB-08-00-05		HAB-08-05-15	
		Date Collected	3/13/2008		3/13/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	5.5-7.5		7.5-9.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		0.0-0.5		0.5-1.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1300		700		960		1300		1300		1200		150		1100		1200	
4,4'-DDE	72-55-9	ppb	1700		1400		1200		1800		2500		2400		240		1800		2000	
4,4'-DDT	50-29-3	ppb	1700		190	U	450		1300		310	U	240	U	270	U	380	U	970	
Aldrin	309-00-2	ppb	120	U	100	U	180	U	150	U	160	U	120	U	140	U	190	U	120	U
Alpha-BHC	319-84-6	ppb	120	U	100	U	180	U	150	U	160	U	120	U	140	U	190	U	120	U
Alpha-Chlordane	5103-71-9	ppb	120	U	100	U	180	U	150	U	160	U	120	U	140	U	190	U	120	U
Aroclor-1016	12674-11-2	ppb	1200	U	1000	U	1800	U	1500	U	1600	U	1200	U	1400	U	1900	U	1200	U
Aroclor-1221	11104-28-2	ppb	1200	U	1000	U	1800	U	1500	U	1600	U	1200	U	1400	U	1900	U	1200	U
Aroclor-1232	11141-16-5	ppb	1200	U	1000	U	1800	U	1500	U	1600	U	1200	U	1400	U	1900	U	1200	U
Aroclor-1242	53469-21-9	ppb	1200	U	1000	U	1800	U	1500	U	1600	U	1200	U	4000		1900	U	1200	U
Aroclor-1248	12672-29-6	ppb	17000		17000		10000		15000		25000		31000		1400	U	36000		42000	
Aroclor-1254	11097-69-1	ppb	1200	U	1000	U	1800	U	1500	U	1600	U	1200	U	1400	U	1900	U	1200	U
Aroclor-1260	11096-82-5	ppb	1200	U	1000	U	1800	U	1500	U	1600	U	1200	U	1400	U	1900	U	1200	U
Aroclor-1262	37324-23-5	ppb	1200	U	1000	U	1800	U	1500	U	1600	U	1200	U	1400	U	1900	U	1200	U
Aroclor-1268	11100-14-4	ppb	1200	U	1000	U	1800	U	1500	U	1600	U	1200	U	1400	U	1900	U	1200	U
Beta-BHC	319-85-7	ppb	120	U	100	U	180	U	150	U	160	U	120	U	140	U	190	U	120	U
Delta-BHC	319-86-8	ppb	120	U	100	U	180	U	150	U	160	U	120	U	140	U	190	U	120	U
Dieldrin	60-57-1	ppb	240	U	190	U	350	U	290	U	310	U	240	U	270	U	380	U	230	U
Endosulfan I	959-98-8	ppb	120	U	100	U	180	U	150	U	160	U	120	U	140	U	190	U	120	U
Endosulfan II	33213-65-9	ppb	240	U	190	U	350	U	290	U	310	U	240	U	270	U	380	U	230	U
Endosulfan Sulfate	1031-07-8	ppb	240	U	190	U	350	U	290	U	310	U	240	U	270	U	380	U	230	U
Endrin	72-20-8	ppb	240	U	190	U	350	U	290	U	310	U	240	U	270	U	380	U	230	U
Endrin Aldehyde	7421-93-4	ppb	240	U	190	U	350	U	290	U	310	U	240	U	270	U	380	U	230	U
Endrin Ketone	53494-70-5	ppb	240	U	190	U	350	U	290	U	310	U	240	U	270	U	380	U	230	U
Gamma-BHC (Lindane)	58-89-9	ppb	120	U	100	U	180	U	150	U	160	U	120	U	140	U	190	U	120	U
Gamma-Chlordane	5566-34-7	ppb	120	U	100	U	180	U	150	U	160	U	120	U	140	U	190	U	120	U
Heptachlor	76-44-8	ppb	120	U	100	U	180	U	150	U	160	U	120	U	140	U	190	U	120	U
Heptachlor Epoxide	1024-57-3	ppb	120	U	100	U	180	U	150	U	160	U	120	U	140	U	190	U	120	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1200	U	1000	U	1800	U	1500	U	1600	U	1200	U	1400	U	1900	U	1200	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	120	U	100	U	180	U	150	U	160	U	120	U	140	U	190	U	120	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	17000		17000		10000		15000		25000		31000		4000		36000		42000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	4500		2100		2600		4400		3800		3600		400		3000		4200	
Toxaphene	8001-35-2	ppb	2400	U	1900	U	3500	U	2900	U	3100	U	2400	U	2700	U	3800	U	2300	U

		Location ID	VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-09		VT-08-09		VT-08-09		VT-08-09		VT-08-09	
		Sample Name	HAB-08-15-25		HAB-08-25-35		HAB-08-35-55		HAB-08-55-62		HAB-09-00-05		HAB-09-05-15		HAB-09-15-25		HAB-09-25-35		HAB-09-35-55	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-6.2		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	1300		2000		650		570	U	1800		2300		450		250		140	U
4,4'-DDE	72-55-9	ppb	1900		1800		920		350		12000		8200		2600		150	U	140	U
4,4'-DDT	50-29-3	ppb	220	U	8500		840	U	570	U	1200	U	4100		140	U	150	U	140	U
Aldrin	309-00-2	ppb	110	U	260	U	430	U	290	U	630	U	190	U	72	U	76	U	69	U
Alpha-BHC	319-84-6	ppb	110	U	260	U	430	U	290	U	630	U	190	U	72	U	76	U	69	U
Alpha-Chlordane	5103-71-9	ppb	110	U	260	U	430	U	290	U	630	U	190	U	72	U	76	U	69	U
Aroclor-1016	12674-11-2	ppb	1100	U	2600	U	4300	U	2900	U	1300	U	960	U	720	U	760	U	690	U
Aroclor-1221	11104-28-2	ppb	1100	U	2600	U	4300	U	2900	U	1300	U	960	U	720	U	760	U	690	U
Aroclor-1232	11141-16-5	ppb	1100	U	2600	U	4300	U	2900	U	1300	U	960	U	720	U	760	U	690	U
Aroclor-1242	53469-21-9	ppb	1100	U	2600	U	4300	U	2900	U	1300	U	960	U	720	U	760	U	690	U
Aroclor-1248	12672-29-6	ppb	51000		31000		24000		4500		36000		50000		720	U	760	U	690	U
Aroclor-1254	11097-69-1	ppb	1100	U	2600	U	4300	U	2900	U	1300	U	960	U	720	U	760	U	690	U
Aroclor-1260	11096-82-5	ppb	1100	U	2600	U	4300	U	2900	U	1300	U	960	U	720	U	760	U	690	U
Aroclor-1262	37324-23-5	ppb	1100	U	2600	U	4300	U	2900	U	1300	U	960	U	720	U	760	U	690	U
Aroclor-1268	11100-14-4	ppb	1100	U	2600	U	4300	U	2900	U	1300	U	960	U	720	U	760	U	690	U
Beta-BHC	319-85-7	ppb	110	U	260	U	430	U	290	U	630	U	190	U	72	U	76	U	69	U
Delta-BHC	319-86-8	ppb	110	U	260	U	430	U	290	U	630	U	190	U	72	U	76	U	69	U
Dieldrin	60-57-1	ppb	220	U	500	U	840	U	570	U	1200	U	380	U	140	U	150	U	140	U
Endosulfan I	959-98-8	ppb	110	U	260	U	430	U	290	U	630	U	190	U	72	U	76	U	69	U
Endosulfan II	33213-65-9	ppb	220	U	500	U	840	U	570	U	1200	U	380	U	140	U	150	U	140	U
Endosulfan Sulfate	1031-07-8	ppb	220	U	500	U	840	U	570	U	1200	U	380	U	140	U	150	U	140	U
Endrin	72-20-8	ppb	220	U	500	U	840	U	570	U	1200	U	380	U	140	U	150	U	140	U
Endrin Aldehyde	7421-93-4	ppb	220	U	500	U	840	U	570	U	1200	U	380	U	140	U	150	U	140	U
Endrin Ketone	53494-70-5	ppb	220	U	500	U	840	U	570	U	1200	U	380	U	140	U	150	U	140	U
Gamma-BHC (Lindane)	58-89-9	ppb	110	U	260	U	430	U	290	U	630	U	190	U	72	U	76	U	69	U
Gamma-Chlordane	5566-34-7	ppb	110	U	260	U	430	U	290	U	630	U	190	U	72	U	76	U	69	U
Heptachlor	76-44-8	ppb	110	U	260	U	430	U	290	U	630	U	190	U	72	U	76	U	69	U
Heptachlor Epoxide	1024-57-3	ppb	110	U	260	U	430	U	290	U	630	U	190	U	72	U	76	U	69	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	1100	U	2600	U	4300	U	2900	U	6200	U	1900	U	720	U	760	U	690	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	110	U	260	U	430	U	290	U	630	U	190	U	72	U	76	U	69	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	51000		31000		24000		4500		36000		50000		720	U	760	U	690	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	3200		12000		1600		350		13000		14000		3000		250		140	U
Toxaphene	8001-35-2	ppb	2200	U	5000	U	8400	U	5700	U	12000	U	3800	U	1400	U	1500	U	1400	U

		Location ID	VT-08-09		VT-08-09		VT-08-10		VT-08-10		VT-08-10		VT-08-11		VT-08-11		VT-08-12		VT-08-13	
		Sample Name	HAB-09-55-75		HAB-09-75-85		HAB-10-00-05		HAB-10-05-15		HAB-10-15-25		HAB-11-00-05		HAB-11-05-10		HAB-12-00-05		HAB-13-00-05	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/11/2008		3/11/2008		3/11/2008		3/5/2008	
		Depth	5.5-7.5		7.5-8.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		0.0-0.5		0.0-0.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	150	U	68	U	950		910		1400	U	760		830		780		2600	
4,4'-DDE	72-55-9	ppb	150	U	68	U	1400		1400		410		760		1200		2500		4200	
4,4'-DDT	50-29-3	ppb	150	U	68	U	330	U	300	U	1400	U	270	U	1100		270	U	3400	
Aldrin	309-00-2	ppb	77	U	34	U	170	U	150	U	720	U	140	U	170	U	140	U	800	U
Alpha-BHC	319-84-6	ppb	77	U	34	U	170	U	150	U	720	U	140	U	170	U	140	U	800	U
Alpha-Chlordane	5103-71-9	ppb	77	U	34	U	170	U	150	U	720	U	140	U	170	U	140	U	800	U
Aroclor-1016	12674-11-2	ppb	770	U	340	U	1700	U	1500	U	7200	U	1400	U	1700	U	1400	U	1600	U
Aroclor-1221	11104-28-2	ppb	770	U	340	U	1700	U	1500	U	7200	U	1400	U	1700	U	1400	U	1600	U
Aroclor-1232	11141-16-5	ppb	770	U	340	U	1700	U	1500	U	7200	U	1400	U	1700	U	1400	U	1600	U
Aroclor-1242	53469-21-9	ppb	770	U	340	U	1700	U	1500	U	7200	U	1400	U	1700	U	1400	U	1600	U
Aroclor-1248	12672-29-6	ppb	770	U	340	U	15000		17000		7200	U	7900		10000		20000		12000	
Aroclor-1254	11097-69-1	ppb	770	U	340	U	1700	U	1500	U	7200	U	1400	U	1700	U	1400	U	1600	U
Aroclor-1260	11096-82-5	ppb	770	U	340	U	1700	U	1500	U	7200	U	1400	U	1700	U	1400	U	1600	U
Aroclor-1262	37324-23-5	ppb	770	U	340	U	1700	U	1500	U	7200	U	1400	U	1700	U	1400	U	1600	U
Aroclor-1268	11100-14-4	ppb	770	U	340	U	1700	U	1500	U	7200	U	1400	U	1700	U	1400	U	1600	U
Beta-BHC	319-85-7	ppb	77	U	34	U	170	U	150	U	720	U	140	U	170	U	140	U	800	U
Delta-BHC	319-86-8	ppb	77	U	34	U	170	U	150	U	720	U	140	U	170	U	140	U	800	U
Dieldrin	60-57-1	ppb	150	U	68	U	330	U	300	U	1400	U	270	U	320	U	270	U	1600	U
Endosulfan I	959-98-8	ppb	77	U	34	U	170	U	150	U	720	U	140	U	170	U	140	U	800	U
Endosulfan II	33213-65-9	ppb	150	U	68	U	330	U	300	U	1400	U	270	U	320	U	270	U	1600	U
Endosulfan Sulfate	1031-07-8	ppb	150	U	68	U	330	U	300	U	1400	U	270	U	320	U	270	U	1600	U
Endrin	72-20-8	ppb	150	U	68	U	330	U	300	U	1400	U	270	U	320	U	270	U	1600	U
Endrin Aldehyde	7421-93-4	ppb	150	U	68	U	330	U	300	U	1400	U	270	U	320	U	270	U	1600	U
Endrin Ketone	53494-70-5	ppb	150	U	68	U	330	U	300	U	1400	U	270	U	320	U	270	U	1600	U
Gamma-BHC (Lindane)	58-89-9	ppb	77	U	34	U	170	U	150	U	720	U	140	U	170	U	140	U	800	U
Gamma-Chlordane	5566-34-7	ppb	77	U	34	U	170	U	150	U	720	U	140	U	170	U	140	U	800	U
Heptachlor	76-44-8	ppb	77	U	34	U	170	U	150	U	720	U	140	U	170	U	140	U	800	U
Heptachlor Epoxide	1024-57-3	ppb	77	U	34	U	170	U	150	U	720	U	140	U	170	U	140	U	800	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	770	U	340	U	1700	U	1500	U	7200	U	1400	U	1700	U	1400	U	8000	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	77	U	34	U	170	U	150	U	720	U	140	U	170	U	140	U	800	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	770	U	340	U	15000		17000		7200	U	7900		10000		20000		12000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	150	U	68	U	2400		2300		410		1500		3100		3300		10000	
Toxaphene	8001-35-2	ppb	1500	U	680	U	3300	U	3000	U	14000	U	2700	U	3300	U	2700	U	16000	U

		Location ID	VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-14		VT-08-14	
		Sample Name	HAB-13-05-15		HAB-13-15-25		HAB-13-25-35		HAB-13-35-55		HAB-13-55-75		HAB-13-75-95		HAB-13-95-103		HAB-14-00-05		HAB-14-05-15			
		Date Collected	3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/7/2008		3/7/2008			
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.3		0.0-0.5		0.5-1.5			
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N			
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
2,4'-DDD	53-19-0	ppb																				
2,4'-DDE	3424-82-6	ppb																				
2,4'-DDT	789-02-6	ppb																				
4,4'-DDD	72-54-8	ppb	3100		19000		2200		200		160	U	160	U	200	U	1200		1200			
4,4'-DDE	72-55-9	ppb	10000		160000		14000		240		160	U	160	U	200	U	2500		2600			
4,4'-DDT	50-29-3	ppb	2800		15000		740		110		160	U	160	U	200	U	180	U	180	U		
Aldrin	309-00-2	ppb	590	U	6800	U	340	U	67	U	84	U	79	U	100	U	94	U	93	U		
Alpha-BHC	319-84-6	ppb	590	U	6800	U	340	U	67	U	84	U	79	U	100	U	94	U	93	U		
Alpha-Chlordane	5103-71-9	ppb	590	U	6800	U	340	U	67	U	84	U	79	U	100	U	94	U	93	U		
Aroclor-1016	12674-11-2	ppb	1200	U	680	U	700	U	670	U	840	U	790	U	1000	U	940	U	930	U		
Aroclor-1221	11104-28-2	ppb	1200	U	680	U	700	U	670	U	840	U	790	U	1000	U	940	U	930	U		
Aroclor-1232	11141-16-5	ppb	1200	U	680	U	700	U	670	U	840	U	790	U	1000	U	940	U	930	U		
Aroclor-1242	53469-21-9	ppb	1200	U	680	U	700	U	670	U	840	U	790	U	1000	U	940	U	930	U		
Aroclor-1248	12672-29-6	ppb	78000		23000		700	U	670	U	840	U	790	U	1000	U	28000		46000			
Aroclor-1254	11097-69-1	ppb	1200	U	680	U	700	U	670	U	840	U	790	U	1000	U	940	U	930	U		
Aroclor-1260	11096-82-5	ppb	1200	U	680	U	700	U	670	U	840	U	790	U	1000	U	940	U	930	U		
Aroclor-1262	37324-23-5	ppb	1200	U	680	U	700	U	670	U	840	U	790	U	1000	U	940	U	930	U		
Aroclor-1268	11100-14-4	ppb	1200	U	680	U	700	U	670	U	840	U	790	U	1000	U	940	U	930	U		
Beta-BHC	319-85-7	ppb	590	U	6800	U	340	U	67	U	84	U	79	U	100	U	94	U	93	U		
Delta-BHC	319-86-8	ppb	590	U	6800	U	340	U	67	U	84	U	79	U	100	U	94	U	93	U		
Dieldrin	60-57-1	ppb	1200	U	13000	U	680	U	130	U	160	U	160	U	200	U	180	U	180	U		
Endosulfan I	959-98-8	ppb	590	U	6800	U	340	U	67	U	84	U	79	U	100	U	94	U	93	U		
Endosulfan II	33213-65-9	ppb	1200	U	13000	U	680	U	130	U	160	U	160	U	200	U	180	U	180	U		
Endosulfan Sulfate	1031-07-8	ppb	1200	U	13000	U	680	U	130	U	160	U	160	U	200	U	180	U	180	U		
Endrin	72-20-8	ppb	1200	U	13000	U	680	U	130	U	160	U	160	U	200	U	180	U	180	U		
Endrin Aldehyde	7421-93-4	ppb	1200	U	13000	U	680	U	130	U	160	U	160	U	200	U	180	U	180	U		
Endrin Ketone	53494-70-5	ppb	1200	U	13000	U	680	U	130	U	160	U	160	U	200	U	180	U	180	U		
Gamma-BHC (Lindane)	58-89-9	ppb	590	U	6800	U	340	U	67	U	84	U	79	U	100	U	94	U	93	U		
Gamma-Chlordane	5566-34-7	ppb	590	U	6800	U	340	U	67	U	84	U	79	U	100	U	94	U	93	U		
Heptachlor	76-44-8	ppb	590	U	6800	U	340	U	67	U	84	U	79	U	100	U	94	U	93	U		
Heptachlor Epoxide	1024-57-3	ppb	590	U	6800	U	340	U	67	U	84	U	79	U	100	U	94	U	93	U		
Hexachlorobenzene	118-74-1	ppb																				
Methoxychlor	72-43-5	ppb	5900	U	68000	U	3400	U	670	U	840	U	790	U	1000	U	940	U	930	U		
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	590	U	6800	U	340	U	67	U	84	U	79	U	100	U	94	U	93	U		
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	78000		23000		700	U	670	U	840	U	790	U	1000	U	28000		46000			
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																				
Total DDT (2,4)	TDDT-24	ppb																				
Total DDT (4,4)	TDDT-44	ppb	16000		190000		17000		550		160	U	160	U	200	U	3700		3900			
Toxaphene	8001-35-2	ppb	12000	U	130000	U	6800	U	1300	U	1600	U	1600	U	2000	U	1800	U	1800	U		

		Location ID	VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-15	
		Sample Name	HAB-14-115-135		HAB-14-135-155		HAB-14-15-25		HAB-14-25-35		HAB-14-35-55		HAB-14-55-75		HAB-14-75-95		HAB-14-95-115		HAB-15-00-05			
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008			
		Depth	11.5-13.5		13.5-15.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5			
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N			
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
2,4'-DDD	53-19-0	ppb																				
2,4'-DDE	3424-82-6	ppb																				
2,4'-DDT	789-02-6	ppb																				
4,4'-DDD	72-54-8	ppb	2200		2800		1800		1900		1700		1600		1600		1600		2900			
4,4'-DDE	72-55-9	ppb	13000		21000		3200		2700		4400		6600		8500		7300		3100			
4,4'-DDT	50-29-3	ppb	1900	U	2400	U	340	U	1700		1400		1100	U	1100	U	1300	U	4000			
Aldrin	309-00-2	ppb	1000	U	1200	U	180	U	79	U	390	U	580	U	590	U	640	U	140	U		
Alpha-BHC	319-84-6	ppb	1000	U	1200	U	180	U	79	U	390	U	580	U	590	U	640	U	140	U		
Alpha-Chlordane	5103-71-9	ppb	1000	U	1200	U	180	U	79	U	390	U	580	U	590	U	640	U	140	U		
Aroclor-1016	12674-11-2	ppb	510	U	490	U	890	U	790	U	780	U	580	U	590	U	640	U	1400	U		
Aroclor-1221	11104-28-2	ppb	510	U	490	U	890	U	790	U	780	U	580	U	590	U	640	U	1400	U		
Aroclor-1232	11141-16-5	ppb	510	U	490	U	890	U	790	U	780	U	580	U	590	U	640	U	1400	U		
Aroclor-1242	53469-21-9	ppb	510	U	490	U	890	U	790	U	780	U	580	U	590	U	640	U	1400	U		
Aroclor-1248	12672-29-6	ppb	15000		7000		75000		72000		94000		58000		52000		59000		23000			
Aroclor-1254	11097-69-1	ppb	510	U	490	U	890	U	790	U	780	U	580	U	590	U	640	U	1400	U		
Aroclor-1260	11096-82-5	ppb	510	U	490	U	890	U	790	U	780	U	580	U	590	U	640	U	1400	U		
Aroclor-1262	37324-23-5	ppb	510	U	490	U	890	U	790	U	780	U	580	U	590	U	640	U	1400	U		
Aroclor-1268	11100-14-4	ppb	510	U	490	U	890	U	790	U	780	U	580	U	590	U	640	U	1400	U		
Beta-BHC	319-85-7	ppb	1000	U	1200	U	180	U	79	U	390	U	580	U	590	U	640	U	140	U		
Delta-BHC	319-86-8	ppb	1000	U	1200	U	180	U	79	U	390	U	580	U	590	U	640	U	140	U		
Dieldrin	60-57-1	ppb	1900	U	2400	U	340	U	150	U	750	U	1100	U	1100	U	1300	U	260	U		
Endosulfan I	959-98-8	ppb	1000	U	1200	U	180	U	79	U	390	U	580	U	590	U	640	U	140	U		
Endosulfan II	33213-65-9	ppb	1900	U	2400	U	340	U	150	U	750	U	1100	U	1100	U	1300	U	260	U		
Endosulfan Sulfate	1031-07-8	ppb	1900	U	2400	U	340	U	150	U	750	U	1100	U	1100	U	1300	U	260	U		
Endrin	72-20-8	ppb	1900	U	2400	U	340	U	150	U	750	U	1100	U	1100	U	1300	U	260	U		
Endrin Aldehyde	7421-93-4	ppb	1900	U	2400	U	340	U	150	U	750	U	1100	U	1100	U	1300	U	260	U		
Endrin Ketone	53494-70-5	ppb	1900	U	2400	U	340	U	150	U	750	U	1100	U	1100	U	1300	U	260	U		
Gamma-BHC (Lindane)	58-89-9	ppb	1000	U	1200	U	180	U	79	U	390	U	580	U	590	U	640	U	140	U		
Gamma-Chlordane	5566-34-7	ppb	1000	U	1200	U	180	U	79	U	390	U	580	U	590	U	640	U	140	U		
Heptachlor	76-44-8	ppb	1000	U	1200	U	180	U	79	U	390	U	580	U	590	U	640	U	140	U		
Heptachlor Epoxide	1024-57-3	ppb	1000	U	1200	U	180	U	79	U	390	U	580	U	590	U	640	U	140	U		
Hexachlorobenzene	118-74-1	ppb																				
Methoxychlor	72-43-5	ppb	10000	U	12000	U	1800	U	790	U	3900	U	5800	U	5900	U	6400	U	1400	U		
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	1000	U	1200	U	180	U	79	U	390	U	580	U	590	U	640	U	140	U		
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	15000		7000		75000		72000		94000		58000		52000		59000		23000			
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																				
Total DDT (2,4)	TDDT-24	ppb																				
Total DDT (4,4)	TDDT-44	ppb	16000		24000		5000		6200		7600		8200		10000		9000		9800			
Toxaphene	8001-35-2	ppb	19000	U	24000	U	3400	U	1500	U	7500	U	11000	U	11000	U	13000	U	2600	U		

		Location ID	VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-16	
		Sample Name	HAB-15-05-15		HAB-15-115-135		HAB-15-15-25		HAB-15-25-35		HAB-15-35-55		HAB-15-55-75		HAB-15-75-95		HAB-15-95-115		HAB-16-00-05			
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008			
		Depth	0.5-1.5		11.5-13.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5			
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N			
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
2,4'-DDD	53-19-0	ppb																				
2,4'-DDE	3424-82-6	ppb																				
2,4'-DDT	789-02-6	ppb																				
4,4'-DDD	72-54-8	ppb	1500		2700		1300		1600		1600		1600		2100		2000		1300			
4,4'-DDE	72-55-9	ppb	2900		18000		2400		4200		3100		3800		7900		9200		4600			
4,4'-DDT	50-29-3	ppb	680		1000	U	170	U	290	U	150	U	760	U	630	U	670	U	2400			
Aldrin	309-00-2	ppb	89	U	530	U	85	U	150	U	79	U	400	U	320	U	350	U	160	U		
Alpha-BHC	319-84-6	ppb	89	U	530	U	85	U	150	U	79	U	400	U	320	U	350	U	160	U		
Alpha-Chlordane	5103-71-9	ppb	89	U	530	U	85	U	150	U	79	U	400	U	320	U	350	U	160	U		
Aroclor-1016	12674-11-2	ppb	890	U	530	U	850	U	780	U	790	U	780	U	640	U	700	U	1600	U		
Aroclor-1221	11104-28-2	ppb	890	U	530	U	850	U	780	U	790	U	780	U	640	U	700	U	1600	U		
Aroclor-1232	11141-16-5	ppb	890	U	530	U	850	U	780	U	790	U	780	U	640	U	700	U	1600	U		
Aroclor-1242	53469-21-9	ppb	890	U	530	U	850	U	780	U	790	U	780	U	640	U	700	U	1600	U		
Aroclor-1248	12672-29-6	ppb	45000		13000		48000		83000		95000		85000		64000		30000		9800			
Aroclor-1254	11097-69-1	ppb	890	U	530	U	850	U	780	U	790	U	780	U	640	U	700	U	1600	U		
Aroclor-1260	11096-82-5	ppb	890	U	530	U	850	U	780	U	790	U	780	U	640	U	700	U	1600	U		
Aroclor-1262	37324-23-5	ppb	890	U	530	U	850	U	780	U	790	U	780	U	640	U	700	U	1600	U		
Aroclor-1268	11100-14-4	ppb	890	U	530	U	850	U	780	U	790	U	780	U	640	U	700	U	1600	U		
Beta-BHC	319-85-7	ppb	89	U	530	U	85	U	150	U	79	U	400	U	320	U	350	U	160	U		
Delta-BHC	319-86-8	ppb	89	U	530	U	85	U	150	U	79	U	400	U	320	U	350	U	160	U		
Dieldrin	60-57-1	ppb	170	U	1000	U	170	U	290	U	150	U	760	U	630	U	670	U	310	U		
Endosulfan I	959-98-8	ppb	89	U	530	U	85	U	150	U	79	U	400	U	320	U	350	U	160	U		
Endosulfan II	33213-65-9	ppb	170	U	1000	U	170	U	290	U	150	U	760	U	630	U	670	U	310	U		
Endosulfan Sulfate	1031-07-8	ppb	170	U	1000	U	170	U	290	U	150	U	760	U	630	U	670	U	310	U		
Endrin	72-20-8	ppb	170	U	1000	U	170	U	290	U	150	U	760	U	630	U	670	U	310	U		
Endrin Aldehyde	7421-93-4	ppb	170	U	1000	U	170	U	290	U	150	U	760	U	630	U	670	U	310	U		
Endrin Ketone	53494-70-5	ppb	170	U	1000	U	170	U	290	U	150	U	760	U	630	U	670	U	310	U		
Gamma-BHC (Lindane)	58-89-9	ppb	89	U	530	U	85	U	150	U	79	U	400	U	320	U	350	U	160	U		
Gamma-Chlordane	5566-34-7	ppb	89	U	530	U	85	U	150	U	79	U	400	U	320	U	350	U	160	U		
Heptachlor	76-44-8	ppb	89	U	530	U	85	U	150	U	79	U	400	U	320	U	350	U	160	U		
Heptachlor Epoxide	1024-57-3	ppb	89	U	530	U	85	U	150	U	79	U	400	U	320	U	350	U	160	U		
Hexachlorobenzene	118-74-1	ppb																				
Methoxychlor	72-43-5	ppb	890	U	5300	U	850	U	1500	U	790	U	4000	U	3200	U	3500	U	1600	U		
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	89	U	530	U	85	U	150	U	79	U	400	U	320	U	350	U	160	U		
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	45000		13000		48000		83000		95000		85000		64000		30000		9800			
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																				
Total DDT (2,4)	TDDT-24	ppb																				
Total DDT (4,4)	TDDT-44	ppb	5000		21000		3800		5900		4600		5400		10000		11000		8200			
Toxaphene	8001-35-2	ppb	1700	U	10000	U	1700	U	2900	U	1500	U	7600	U	6300	U	6700	U	3100	U		

		Location ID	VT-08-16		VT-08-16		VT-08-16		VT-08-16		VT-08-16		VT-08-16		VT-08-17		VT-08-17		VT-08-17		VT-08-17	
		Sample Name	HAB-16-05-15		HAB-16-15-25		HAB-16-25-35		HAB-16-35-55		HAB-16-55-75		HAB-17-00-05		HAB-17-05-15		HAB-17-15-25		HAB-17-25-35			
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008			
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5			
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N			
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
2,4'-DDD	53-19-0	ppb																				
2,4'-DDE	3424-82-6	ppb																				
2,4'-DDT	789-02-6	ppb																				
4,4'-DDD	72-54-8	ppb	2000		3500		1000		130	U	1300		3500		2400		2500		6000			
4,4'-DDE	72-55-9	ppb	6400		32000		10000		84		4800		4600		5400		5800		4300			
4,4'-DDT	50-29-3	ppb	1300	U	7200	U	590	U	130	U	830		3500		1700		1500		8500			
Aldrin	309-00-2	ppb	670	U	3700	U	300	U	67	U	390	U	370	U	310	U	290	U	320	U		
Alpha-BHC	319-84-6	ppb	670	U	3700	U	300	U	67	U	390	U	370	U	310	U	290	U	320	U		
Alpha-Chlordane	5103-71-9	ppb	670	U	3700	U	300	U	67	U	390	U	370	U	310	U	290	U	320	U		
Aroclor-1016	12674-11-2	ppb	1300	U	740	U	610	U	670	U	810	U	730	U	630	U	580	U	630	U		
Aroclor-1221	11104-28-2	ppb	1300	U	740	U	610	U	670	U	810	U	730	U	630	U	580	U	630	U		
Aroclor-1232	11141-16-5	ppb	1300	U	740	U	610	U	670	U	810	U	730	U	630	U	580	U	630	U		
Aroclor-1242	53469-21-9	ppb	1300	U	740	U	610	U	670	U	810	U	730	U	630	U	580	U	630	U		
Aroclor-1248	12672-29-6	ppb	19000		37000		610	U	670	U	33000		33000		57000		63000		48000			
Aroclor-1254	11097-69-1	ppb	1300	U	740	U	610	U	670	U	810	U	730	U	630	U	580	U	630	U		
Aroclor-1260	11096-82-5	ppb	1300	U	740	U	610	U	670	U	810	U	730	U	630	U	580	U	630	U		
Aroclor-1262	37324-23-5	ppb	1300	U	740	U	610	U	670	U	810	U	730	U	630	U	580	U	630	U		
Aroclor-1268	11100-14-4	ppb	1300	U	740	U	610	U	670	U	810	U	730	U	630	U	580	U	630	U		
Beta-BHC	319-85-7	ppb	670	U	3700	U	300	U	67	U	390	U	370	U	310	U	290	U	320	U		
Delta-BHC	319-86-8	ppb	670	U	3700	U	300	U	67	U	390	U	370	U	310	U	290	U	320	U		
Dieldrin	60-57-1	ppb	1300	U	7200	U	590	U	130	U	790	U	710	U	610	U	560	U	620	U		
Endosulfan I	959-98-8	ppb	670	U	3700	U	300	U	67	U	390	U	370	U	310	U	290	U	320	U		
Endosulfan II	33213-65-9	ppb	1300	U	7200	U	590	U	130	U	790	U	710	U	610	U	560	U	620	U		
Endosulfan Sulfate	1031-07-8	ppb	1300	U	7200	U	590	U	130	U	790	U	710	U	610	U	560	U	620	U		
Endrin	72-20-8	ppb	1300	U	7200	U	590	U	130	U	790	U	710	U	610	U	560	U	620	U		
Endrin Aldehyde	7421-93-4	ppb	1300	U	7200	U	590	U	130	U	790	U	710	U	610	U	560	U	620	U		
Endrin Ketone	53494-70-5	ppb	1300	U	7200	U	590	U	130	U	790	U	710	U	610	U	560	U	620	U		
Gamma-BHC (Lindane)	58-89-9	ppb	670	U	3700	U	300	U	67	U	390	U	370	U	310	U	290	U	320	U		
Gamma-Chlordane	5566-34-7	ppb	670	U	3700	U	300	U	67	U	390	U	370	U	310	U	290	U	320	U		
Heptachlor	76-44-8	ppb	670	U	3700	U	300	U	67	U	390	U	370	U	310	U	290	U	320	U		
Heptachlor Epoxide	1024-57-3	ppb	670	U	3700	U	300	U	67	U	390	U	370	U	310	U	290	U	320	U		
Hexachlorobenzene	118-74-1	ppb																				
Methoxychlor	72-43-5	ppb	6700	U	37000	U	3000	U	670	U	3900	U	3700	U	3100	U	2900	U	3200	U		
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	670	U	3700	U	300	U	67	U	390	U	370	U	310	U	290	U	320	U		
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	19000		37000		610	U	670	U	33000		33000		57000		63000		48000			
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																				
Total DDT (2,4)	TDDT-24	ppb																				
Total DDT (4,4)	TDDT-44	ppb	8200		35000		11000		84		7000		12000		9600		9800		19000			
Toxaphene	8001-35-2	ppb	13000	U	72000	U	5900	U	1300	U	7900	U	7100	U	6100	U	5600	U	6200	U		

		Location ID	VT-08-17		VT-08-18		VT-08-18		VT-08-19		VT-08-19		VT-08-19		VT-08-20		VT-08-20		VT-08-20	
		Sample Name	HAB-17-35-43		HAB-18-00-05		HAB-18-05-15		HAB-19-00-05		HAB-19-05-15		HAB-19-15-25		HAB-20-00-05		HAB-20-05-15		HAB-20-15-25	
		Date Collected	3/5/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008	
		Depth	3.5-4.3		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	3500		4400		4500		4300		160	U	290	U	5400		3700		2800	
4,4'-DDE	72-55-9	ppb	11000		13000		35000		22000		89		340		26000		12000		10000	
4,4'-DDT	50-29-3	ppb	1300	U	11000		2300	U	3600		160	U	290	U	1500	U	2500		2500	
Aldrin	309-00-2	ppb	690	U	560	U	1200	U	740	U	81	U	150	U	780	U	480	U	410	U
Alpha-BHC	319-84-6	ppb	690	U	560	U	1200	U	740	U	81	U	150	U	780	U	480	U	410	U
Alpha-Chlordane	5103-71-9	ppb	690	U	560	U	1200	U	740	U	81	U	150	U	780	U	480	U	410	U
Aroclor-1016	12674-11-2	ppb	690	U	1400000	U	590	U	3600	U	810	U	1500	U	1600	U	940	U	830	U
Aroclor-1221	11104-28-2	ppb	690	U	1400000	U	590	U	3600	U	810	U	1500	U	1600	U	940	U	830	U
Aroclor-1232	11141-16-5	ppb	690	U	1400000	U	590	U	3600	U	810	U	1500	U	1600	U	940	U	830	U
Aroclor-1242	53469-21-9	ppb	690	U	1400000	U	590	U	3600	U	810	U	1500	U	1600	U	940	U	830	U
Aroclor-1248	12672-29-6	ppb	77000		69000000		30000		13000		810	U	1500	U	110000		64000		67000	
Aroclor-1254	11097-69-1	ppb	690	U	1400000	U	590	U	3600	U	810	U	1500	U	1600	U	940	U	830	U
Aroclor-1260	11096-82-5	ppb	690	U	1400000	U	590	U	3600	U	810	U	1500	U	1600	U	940	U	830	U
Aroclor-1262	37324-23-5	ppb	690	U	1400000	U	590	U	3600	U	810	U	1500	U	1600	U	940	U	830	U
Aroclor-1268	11100-14-4	ppb	690	U	1400000	U	590	U	3600	U	810	U	1500	U	1600	U	940	U	830	U
Beta-BHC	319-85-7	ppb	690	U	560	U	1200	U	740	U	81	U	150	U	780	U	480	U	410	U
Delta-BHC	319-86-8	ppb	690	U	560	U	1200	U	740	U	81	U	150	U	780	U	480	U	410	U
Dieldrin	60-57-1	ppb	1300	U	1100	U	2300	U	1400	U	160	U	290	U	1500	U	910	U	810	U
Endosulfan I	959-98-8	ppb	690	U	560	U	1200	U	740	U	81	U	150	U	780	U	480	U	410	U
Endosulfan II	33213-65-9	ppb	1300	U	1100	U	2300	U	1400	U	160	U	290	U	1500	U	910	U	810	U
Endosulfan Sulfate	1031-07-8	ppb	1300	U	1100	U	2300	U	1400	U	160	U	290	U	1500	U	910	U	390	
Endrin	72-20-8	ppb	1300	U	1100	U	2300	U	1400	U	160	U	290	U	1500	U	910	U	810	U
Endrin Aldehyde	7421-93-4	ppb	1300	U	1100	U	2300	U	1400	U	160	U	290	U	1500	U	910	U	810	U
Endrin Ketone	53494-70-5	ppb	1300	U	1100	U	2300	U	1400	U	160	U	290	U	1500	U	910	U	810	U
Gamma-BHC (Lindane)	58-89-9	ppb	690	U	560	U	1200	U	740	U	81	U	150	U	780	U	480	U	410	U
Gamma-Chlordane	5566-34-7	ppb	690	U	560	U	1200	U	740	U	81	U	150	U	780	U	480	U	410	U
Heptachlor	76-44-8	ppb	690	U	560	U	930		740	U	81	U	150	U	780	U	480	U	410	U
Heptachlor Epoxide	1024-57-3	ppb	690	U	560	U	1200	U	740	U	81	U	150	U	780	U	480	U	410	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	6900	U	5600	U	12000	U	7400	U	810	U	1500	U	7800	U	4800	U	4100	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	690	U	560	U	1200	U	740	U	81	U	150	U	780	U	480	U	410	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	77000		69000000		30000		13000		810	U	1500	U	110000		64000		67000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	15000		29000		40000		31000		89		340		31000		18000		16000	
Toxaphene	8001-35-2	ppb	13000	U	11000	U	23000	U	14000	U	1600	U	2900	U	15000	U	9100	U	8100	U

		Location ID	VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-21		VT-08-21		VT-08-22		VT-08-22	
		Sample Name	HAB-20-25-35		HAB-20-35-55		HAB-20-55-75		HAB-20-75-95		HAB-20-95-115		HAB-21-00-05		HAB-21-05-15		HAB-22-00-05		HAB-22-05-15	
		Date Collected	3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/7/2008		3/7/2008	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5	
		Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb																		
2,4'-DDE	3424-82-6	ppb																		
2,4'-DDT	789-02-6	ppb																		
4,4'-DDD	72-54-8	ppb	11000		11000		14000		29000		300		3400		6400		1700		1600	
4,4'-DDE	72-55-9	ppb	90000		90000		79000		130000		650		1900		3200		8200		9500	
4,4'-DDT	50-29-3	ppb	5200	U	4700		4700		18000		92	U	1000		3200		910	U	840	U
Aldrin	309-00-2	ppb	2700	U	6400	U	4600	U	5000	U	47	U	94	U	520	U	460	U	420	U
Alpha-BHC	319-84-6	ppb	2700	U	6400	U	4600	U	5000	U	47	U	94	U	520	U	460	U	420	U
Alpha-Chlordane	5103-71-9	ppb	2700	U	6400	U	4600	U	5000	U	47	U	94	U	520	U	460	U	420	U
Aroclor-1016	12674-11-2	ppb	530	U	640	U	460	U	500	U	470	U	940	U	1100	U	930	U	860	U
Aroclor-1221	11104-28-2	ppb	530	U	640	U	460	U	500	U	470	U	940	U	1100	U	930	U	860	U
Aroclor-1232	11141-16-5	ppb	530	U	640	U	460	U	500	U	470	U	940	U	1100	U	930	U	860	U
Aroclor-1242	53469-21-9	ppb	530	U	640	U	460	U	500	U	470	U	8600		1100	U	930	U	860	U
Aroclor-1248	12672-29-6	ppb	18000		640	U	460	U	500	U	470	U	940	U	14000		37000		49000	
Aroclor-1254	11097-69-1	ppb	530	U	640	U	460	U	500	U	470	U	940	U	1100	U	930	U	860	U
Aroclor-1260	11096-82-5	ppb	530	U	640	U	460	U	500	U	470	U	940	U	1100	U	930	U	860	U
Aroclor-1262	37324-23-5	ppb	530	U	640	U	460	U	500	U	470	U	940	U	1100	U	930	U	860	U
Aroclor-1268	11100-14-4	ppb	530	U	640	U	460	U	500	U	470	U	940	U	1100	U	930	U	860	U
Beta-BHC	319-85-7	ppb	2700	U	6400	U	4600	U	5000	U	47	U	94	U	520	U	460	U	420	U
Delta-BHC	319-86-8	ppb	2700	U	6400	U	4600	U	5000	U	47	U	94	U	520	U	460	U	420	U
Dieldrin	60-57-1	ppb	5200	U	12000	U	8900	U	9900	U	92	U	180	U	1000	U	910	U	840	U
Endosulfan I	959-98-8	ppb	2700	U	6400	U	4600	U	5000	U	47	U	94	U	520	U	460	U	420	U
Endosulfan II	33213-65-9	ppb	5200	U	12000	U	8900	U	9900	U	92	U	180	U	1000	U	910	U	840	U
Endosulfan Sulfate	1031-07-8	ppb	5200	U	12000	U	8900	U	9900	U	92	U	180	U	1000	U	910	U	840	U
Endrin	72-20-8	ppb	5200	U	12000	U	8900	U	9900	U	92	U	180	U	1000	U	910	U	840	U
Endrin Aldehyde	7421-93-4	ppb	5200	U	12000	U	8900	U	9900	U	92	U	180	U	1000	U	910	U	840	U
Endrin Ketone	53494-70-5	ppb	5200	U	12000	U	8900	U	9900	U	92	U	180	U	1000	U	910	U	840	U
Gamma-BHC (Lindane)	58-89-9	ppb	2700	U	6400	U	4600	U	5000	U	47	U	94	U	520	U	460	U	420	U
Gamma-Chlordane	5566-34-7	ppb	2700	U	6400	U	4600	U	5000	U	47	U	94	U	520	U	460	U	420	U
Heptachlor	76-44-8	ppb	2700	U	6400	U	4600	U	5000	U	47	U	94	U	520	U	460	U	420	U
Heptachlor Epoxide	1024-57-3	ppb	2700	U	6400	U	4600	U	5000	U	47	U	94	U	520	U	460	U	420	U
Hexachlorobenzene	118-74-1	ppb																		
Methoxychlor	72-43-5	ppb	27000	U	64000	U	46000	U	50000	U	470	U	940	U	5200	U	4600	U	4200	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	2700	U	6400	U	4600	U	5000	U	47	U	94	U	520	U	460	U	420	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	18000		640	U	460	U	500	U	470	U	8600		14000		37000		49000	
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb																		
Total DDT (2,4)	TDDT-24	ppb																		
Total DDT (4,4)	TDDT-44	ppb	100000		110000		97000		180000		940		6300		13000		10000		11000	
Toxaphene	8001-35-2	ppb	52000	U	120000	U	89000	U	99000	U	920	U	1800	U	10000	U	9100	U	8400	U

Table B-7
TOC-Normalized Pesticides

		Location ID	VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22	
		Sample Name	HAB-22-15-25		HAB-22-25-35		HAB-22-35-55		HAB-22-55-75		HAB-22-75-95		HAB-22-95-107	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.7	
		Depth Unit	ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N	
Analyte	CAS No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2,4'-DDD	53-19-0	ppb												
2,4'-DDE	3424-82-6	ppb												
2,4'-DDT	789-02-6	ppb												
4,4'-DDD	72-54-8	ppb	1500		2800		2100		2200		3000		200	
4,4'-DDE	72-55-9	ppb	13000		26000		10000		22000		30000		580	
4,4'-DDT	50-29-3	ppb	1100	U	2600	U	810	U	2500	U	3700	U	220	U
Aldrin	309-00-2	ppb	560	U	1300	U	420	U	1300	U	1800	U	110	U
Alpha-BHC	319-84-6	ppb	560	U	1300	U	420	U	1300	U	1800	U	110	U
Alpha-Chlordane	5103-71-9	ppb	560	U	1300	U	420	U	1300	U	1800	U	110	U
Aroclor-1016	12674-11-2	ppb	560	U	540	U	830	U	510	U	730	U	1100	U
Aroclor-1221	11104-28-2	ppb	560	U	540	U	830	U	510	U	730	U	1100	U
Aroclor-1232	11141-16-5	ppb	560	U	540	U	830	U	510	U	730	U	1100	U
Aroclor-1242	53469-21-9	ppb	560	U	540	U	830	U	510	U	730	U	1100	U
Aroclor-1248	12672-29-6	ppb	26000		18000		37000		29000		10000		1100	U
Aroclor-1254	11097-69-1	ppb	560	U	540	U	830	U	510	U	730	U	1100	U
Aroclor-1260	11096-82-5	ppb	560	U	540	U	830	U	510	U	730	U	1100	U
Aroclor-1262	37324-23-5	ppb	560	U	540	U	830	U	510	U	730	U	1100	U
Aroclor-1268	11100-14-4	ppb	560	U	540	U	830	U	510	U	730	U	1100	U
Beta-BHC	319-85-7	ppb	560	U	1300	U	420	U	1300	U	1800	U	110	U
Delta-BHC	319-86-8	ppb	560	U	1300	U	420	U	1300	U	1800	U	110	U
Dieldrin	60-57-1	ppb	1100	U	2600	U	810	U	2500	U	3700	U	220	U
Endosulfan I	959-98-8	ppb	560	U	1300	U	420	U	1300	U	1800	U	110	U
Endosulfan II	33213-65-9	ppb	1100	U	2600	U	810	U	2500	U	3700	U	220	U
Endosulfan Sulfate	1031-07-8	ppb	1100	U	2600	U	810	U	2500	U	3700	U	220	U
Endrin	72-20-8	ppb	1100	U	2600	U	810	U	2500	U	3700	U	220	U
Endrin Aldehyde	7421-93-4	ppb	1100	U	2600	U	810	U	2500	U	3700	U	220	U
Endrin Ketone	53494-70-5	ppb	1100	U	2600	U	810	U	2500	U	3700	U	220	U
Gamma-BHC (Lindane)	58-89-9	ppb	560	U	1300	U	420	U	1300	U	1800	U	110	U
Gamma-Chlordane	5566-34-7	ppb	560	U	1300	U	420	U	1300	U	1800	U	110	U
Heptachlor	76-44-8	ppb	560	U	1300	U	420	U	1300	U	1800	U	110	U
Heptachlor Epoxide	1024-57-3	ppb	560	U	1300	U	420	U	1300	U	1800	U	110	U
Hexachlorobenzene	118-74-1	ppb												
Methoxychlor	72-43-5	ppb	5600	U	13000	U	4200	U	13000	U	18000	U	1100	U
Total Alpha + Gamma Chlordane	TOT_AGChlor	ppb	560	U	1300	U	420	U	1300	U	1800	U	110	U
Total Aroclor PCBs (Sum of 7 or 9 Aroclors)	TOT_PCB_ARO(79)	ppb	26000		18000		37000		29000		10000		1100	U
Total DDT (2,4 & 4,4)	TDDT-24-44	ppb												
Total DDT (2,4)	TDDT-24	ppb												
Total DDT (4,4)	TDDT-44	ppb	14000		28000		12000		24000		32000		770	
Toxaphene	8001-35-2	ppb	11000	U	26000	U	8100	U	25000	U	37000	U	2200	U

		Location ID	12A-0401-C2		12A-0401-C2		12A-0402-C4		12A-0402-C4		12A-0403-C1		12A-0403-C1		12A-0405-C2		12A-0405-C2		12A-0406-C2	
		Sample Name	12A-0401-C2BS		12A-0401-C2CS		12A-0402-C4BS		12A-0402-C4CS		12A-0403-C1BS		12A-0403-C1CS		12A-0405-C2BS		12A-0405-C2CS		12A-0406-C2BS	
		Date Collected	2/9/2012		2/9/2012		2/8/2012		2/8/2012		2/7/2012		2/7/2012		2/1/2012		2/1/2012		1/28/2012	
		Depth	0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	19000	U	23000	U	4800	U	10000	U	9000	U	16000	U	6400	U	6800	U	94000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	19000	U	23000	U	4800	U	10000	U	9000	U	16000	U	6400	U	6800	U	94000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	47000	U	59000	U	12000	U	25000	U	23000	U	39000	U	16000	U	17000	U	240000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
2-Chlorophenol	95-57-8	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	1400		12000	U	1900		3000		7100		3000		2800		3100		3400	
2-Methylphenol	95-48-7	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
2-Nitroaniline	88-74-4	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
2-Nitrophenol	88-75-5	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	19000	U	23000	U	4800	U	10000	U	9000	U	16000	U	6400	U	6800	U	94000	U
3-Nitroaniline	99-09-2	ppb-TOC	19000	U	23000	U	4800	U	10000	U	9000	U	16000	U	6400	U	6800	U	94000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	19000	U	23000	U	4800	U	10000	U	9000	U	16000	U	6400	U	6800	U	94000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
4-Chloroaniline	106-47-8	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
4-Methylphenol	106-44-5	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
4-Nitroaniline	100-01-6	ppb-TOC	19000	U	23000	U	4800	U	10000	U	9000	U	16000	U	6400	U	6800	U	94000	U
4-Nitrophenol	100-02-7	ppb-TOC	19000	U	23000	U	4800	U	10000	U	9000	U	16000	U	6400	U	6800	U	94000	U
Acenaphthene	83-32-9	ppb-TOC	930		34		7900		3700		4400		2200		2800		3000		6200	
Acenaphthylene	208-96-8	ppb-TOC	2100		28		4000		4400		9200		2900		2900		4200		3100	
Acetophenone	98-86-2	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
Anthracene	120-12-7	ppb-TOC	4000		71		8700		8500		28000		11000		7300		7600		13000	
Atrazine	1912-24-9	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
Benzaldehyde	100-52-7	ppb-TOC	4100		4800		830		1500		4700	U	1100		1200		2100		48000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	19000		110		29000		34000		86000		40000		34000		34000		40000	
Benzo(a)pyrene	50-32-8	ppb-TOC	28000		2500		37000		48000		120000		48000		48000		48000		60000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	28000		6000		39000		52000		110000		46000		62000		61000		75000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	16000		170		23000		36000		83000		31000		38000		37000		49000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	13000		130		19000		24000		52000		20000		27000		26000		27000	
Biphenyl	92-52-4	ppb-TOC	9600	U	12000	U	2500	U	5200	U	1300		8000	U	3300	U	600		48000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	21000		6900		40000		83000		16000		8000	U	71000		140000		990000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	5800		12000	U	2400		2200		4700	U	8000	U	3300	U	3000		48000	U
Caprolactam	105-60-2	ppb-TOC	19000	U	23000	U	4800	U	10000	U	9000	U	16000	U	6400	U	6800	U	94000	U
Carbazole	86-74-8	ppb-TOC	9600	U	12000	U	1500		2100		1300		8000	U	2300		2500		48000	U
Chrysene	218-01-9	ppb-TOC	25000		230		45000		65000		110000		41000		60000		58000		69000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	3500		41		4100		5400		9300		5100		3900		7900		5000	
Dibenzofuran	132-64-9	ppb-TOC	9600	U	12000	U	710		5200	U	1200		8000	U	3300	U	3500	U	48000	U
Diethyl phthalate	84-66-2	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
Dimethylphthalate	131-11-3	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	1100		48000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	19000	U	23000	U	2300		5300		9000	U	16000	U	3100		3600		12000	
Fluoranthene	206-44-0	ppb-TOC	26000		410		53000		63000		110000		70000		59000		63000		84000	
Fluorene	86-73-7	ppb-TOC	1500		280		4500		3900		6700		4200		3600		3800		8100	
Hexachlorobenzene	118-74-1	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U

		Location ID	12A-0401-C2		12A-0401-C2		12A-0402-C4		12A-0402-C4		12A-0403-C1		12A-0403-C1		12A-0405-C2		12A-0405-C2		12A-0406-C2	
		Sample Name	12A-0401-C2BS		12A-0401-C2CS		12A-0402-C4BS		12A-0402-C4CS		12A-0403-C1BS		12A-0403-C1CS		12A-0405-C2BS		12A-0405-C2CS		12A-0406-C2BS	
		Date Collected	2/9/2012		2/9/2012		2/8/2012		2/8/2012		2/7/2012		2/7/2012		2/1/2012		2/1/2012		1/28/2012	
		Depth	0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	12000		130		18000		28000		61000		23000		27000		27000		34000	
Isophorone	78-59-1	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
Naphthalene	91-20-3	ppb-TOC	3600		12000	U	4100		5600		22000		10000		5200		6000		8300	
Nitrobenzene	98-95-3	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	9600	U	12000	U	2500	U	5200	U	1100		8000	U	3300	U	3500	U	48000	U
Pentachlorophenol	87-86-5	ppb-TOC	19000	U	23000	U	4800	U	10000	U	9000	U	16000	U	6400	U	6800	U	94000	U
Phenanthrene	85-01-8	ppb-TOC	8100		310		25000		29000		35000		24000		31000		31000		41000	
Phenol	108-95-2	ppb-TOC	9600	U	12000	U	2500	U	5200	U	4700	U	8000	U	3300	U	3500	U	48000	U
Pyrene	129-00-0	ppb-TOC	31000		330		52000		58000		120000		67000		53000		59000		84000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	140000		8600		210000		270000		490000		270000		250000		350000		420000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	8600		12000	U	34000		34000		46000		23000		28000		40000		28000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	150000		8600		240000		300000		540000		280000		280000		400000		440000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	12A-0406-C2		12A-0407-C2		12A-0407-C3		12A-0407-C3		12A-0408-C3		12A-0408-C3		12A-0409-C7		12A-0409-C7		12A-0410-C2	
		Sample Name	12A-0406-C2CS		12A-0407-C2AS		12A-0407-C3BS		12A-0407-C3CS		12A-0408-C3BS		12A-0408-C3CS		12A-0409-C7BS		12A-0409-C7CS		12A-0410-C2BS	
		Date Collected	1/28/2012		1/26/2012		1/26/2012		1/26/2012		2/3/2012		2/3/2012		2/6/2012		2/6/2012		2/6/2012	
		Depth	1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	140000	U	7400	U	14000	U	9400	U	57000	U	78000	U	11000	U	7900	U	120000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	140000	U	7400	U	14000	U	9400	U	57000	U	78000	U	11000	U	7900	U	120000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	350000	U	19000	U	35000	U	24000	U	140000	U	200000	U	29000	U	20000	U	310000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
2-Chlorophenol	95-57-8	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	1200		800		2400		13000		9400		10000		3900		3100		4200	
2-Methylphenol	95-48-7	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
2-Nitroaniline	88-74-4	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
2-Nitrophenol	88-75-5	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	140000	U	7400	U	14000	U	9400	U	57000	U	78000	U	11000	U	7900	U	120000	U
3-Nitroaniline	99-09-2	ppb-TOC	140000	U	7400	U	14000	U	9400	U	57000	U	78000	U	11000	U	7900	U	120000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	140000	U	7400	U	14000	U	9400	U	57000	U	78000	U	11000	U	7900	U	120000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
4-Chloroaniline	106-47-8	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
4-Methylphenol	106-44-5	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
4-Nitroaniline	100-01-6	ppb-TOC	140000	U	7400	U	14000	U	9400	U	57000	U	78000	U	11000	U	7900	U	120000	U
4-Nitrophenol	100-02-7	ppb-TOC	140000	U	7400	U	14000	U	9400	U	57000	U	78000	U	11000	U	7900	U	120000	U
Acenaphthene	83-32-9	ppb-TOC	7500		1900		2300		5900		7100		13000		4800		3500		6600	
Acenaphthylene	208-96-8	ppb-TOC	3700		3900		4800		6700		4100		4300		6100		7300		3400	
Acetophenone	98-86-2	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
Anthracene	120-12-7	ppb-TOC	17000		5800		7200		18000		26000		40000		14000		10000		20000	
Atrazine	1912-24-9	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
Benzaldehyde	100-52-7	ppb-TOC	72000	U	1600		1100		1600		29000	U	40000	U	2200		2000		64000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	40000		23000		32000		52000		49000		56000		60000		51000		37000	
Benzo(a)pyrene	50-32-8	ppb-TOC	58000		27000		51000		83000		66000		55000		71000		62000		45000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	71000		42000		55000		68000		63000		67000		83000		77000		50000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	42000		20000		31000		45000		44000		35000		56000		42000		31000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	27000		14000		23000		35000		23000		23000		41000		39000		20000	
Biphenyl	92-52-4	ppb-TOC	72000	U	3800	U	7200	U	900		29000	U	40000	U	5900	U	4100	U	64000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	1700000		76000		99000		21000		590000		710000		120000		64000		1600000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	72000	U	2900		4300		4800	U	29000	U	40000	U	7400		5500		64000	U
Caprolactam	105-60-2	ppb-TOC	140000	U	7400	U	14000	U	9400	U	57000	U	78000	U	11000	U	7900	U	120000	U
Carbazole	86-74-8	ppb-TOC	72000	U	1800		2400		1300		29000	U	40000	U	4100		2600		64000	U
Chrysene	218-01-9	ppb-TOC	62000		31000		47000		76000		100000		68000		95000		75000		47000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	4200		5100		10000		8200		4200		4300		8700		7600		3100	
Dibenzofuran	132-64-9	ppb-TOC	72000	U	3800	U	7200	U	2100		29000	U	40000	U	5900	U	1000		64000	U
Diethyl phthalate	84-66-2	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
Dimethylphthalate	131-11-3	ppb-TOC	72000	U	3800	U	3800		4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	30000		2600		2500		9400	U	140000		290000		4600		2300		110000	
Fluoranthene	206-44-0	ppb-TOC	71000		44000		63000		72000		90000		150000		100000		80000		95000	
Fluorene	86-73-7	ppb-TOC	13000		1900		2800		7500		15000		23000		5700		4700		10000	
Hexachlorobenzene	118-74-1	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U

		Location ID	12A-0406-C2		12A-0407-C2		12A-0407-C3		12A-0407-C3		12A-0408-C3		12A-0408-C3		12A-0409-C7		12A-0409-C7		12A-0410-C2	
		Sample Name	12A-0406-C2CS		12A-0407-C2AS		12A-0407-C3BS		12A-0407-C3CS		12A-0408-C3BS		12A-0408-C3CS		12A-0409-C7BS		12A-0409-C7CS		12A-0410-C2BS	
		Date Collected	1/28/2012		1/26/2012		1/26/2012		1/26/2012		2/3/2012		2/3/2012		2/6/2012		2/6/2012		2/6/2012	
		Depth	1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	31000		17000		24000		36000		30000		25000		40000		33000		20000	
Isophorone	78-59-1	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
Naphthalene	91-20-3	ppb-TOC	11000		1000		4900		23000		23000		42000		7600		6600		20000	
Nitrobenzene	98-95-3	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4100	U	64000	U
Pentachlorophenol	87-86-5	ppb-TOC	140000	U	7400	U	14000	U	9400	U	57000	U	78000	U	11000	U	7900	U	120000	U
Phenanthrene	85-01-8	ppb-TOC	62000		15000		23000		39000		64000		59000		47000		36000		40000	
Phenol	108-95-2	ppb-TOC	72000	U	3800	U	7200	U	4800	U	29000	U	40000	U	5900	U	4600		64000	U
Pyrene	129-00-0	ppb-TOC	71000		46000		67000		95000		80000		130000		90000		75000		86000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	290000		270000		380000		390000		340000		590000		480000		360000		420000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	29000		30000		40000		59000		47000		150000		63000		50000		28000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	320000		290000		410000		480000		390000		750000		560000		420000		430000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	12A-0410-C2		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-002	
		Sample Name	12A-0410-C2CS		08A-001-C1_(11.5-13.5)_N		08A-001-C1_(13.5-15.5)_N		08A-001-C1_(15.5-17.5)_N		08A-001-C1_(5.5-7.5)_N		08A-001-C1_(7.5-9.5)_N		08A-001-C1_(9.5-11.5)_N		08A-001-C2_(0-0.5)_N		08A-002-C1_(0.5-1.5)_N			
		Date Collected	2/6/2012		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/11/2008			
		Depth	1.5-2.5		11.5-13.5		13.5-15.5		15.5-17.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																				
1,2-Dichlorobenzene	95-50-1	ppb-TOC																				
1,3-Dichlorobenzene	541-73-1	ppb-TOC																				
1,4-Dichlorobenzene	106-46-7	ppb-TOC																				
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	62000	U	26000	U	55000	U	71000	U	9700	U	17000	U	20000	U	13000	U	18000	U		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
2,4-Dichlorophenol	120-83-2	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
2,4-Dimethylphenol	105-67-9	ppb-TOC	62000	U	26000	U	55000	U	71000	U	9700	U	17000	U	20000	U	13000	U	18000	U		
2,4-Dinitrophenol	51-28-5	ppb-TOC	160000	U	65000	U	140000	U	180000	U	25000	U	43000	U	52000	U	32000	U	47000	U		
2,4-Dinitrotoluene	121-14-2	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
2,6-Dinitrotoluene	606-20-2	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
2-Chloronaphthalene	91-58-7	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
2-Chlorophenol	95-57-8	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
2-Methylnaphthalene	91-57-6	ppb-TOC	8500		4400		1900		5000		2200		2200		2500		1800		49000			
2-Methylphenol	95-48-7	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
2-Nitroaniline	88-74-4	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
2-Nitrophenol	88-75-5	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	62000	U	26000	U	55000	U	71000	U	9700	U	17000	U	20000	U	13000	U	18000	U		
3-Nitroaniline	99-09-2	ppb-TOC	62000	U	26000	U	55000	U	71000	U	9700	U	17000	U	20000	U	13000	U	18000	U		
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	62000	U	26000	U	55000	U	71000	U	9700	U	17000	U	20000	U	13000	U	18000	U		
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
4-Chloroaniline	106-47-8	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
4-Methylphenol	106-44-5	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
4-Nitroaniline	100-01-6	ppb-TOC	62000	U	26000	U	55000	U	71000	U	9700	U	17000	U	20000	U	13000	U	18000	U		
4-Nitrophenol	100-02-7	ppb-TOC	62000	U	26000	U	55000	U	71000	U	9700	U	17000	U	20000	U	13000	U	18000	U		
Acenaphthene	83-32-9	ppb-TOC	8700		15000		7500		5300		7500		6100		7900		3500		88000			
Acenaphthylene	208-96-8	ppb-TOC	4200		13000		13000		9600		9900		8400		11000		6800		52000			
Acetophenone	98-86-2	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	1700		9300	U		
Anthracene	120-12-7	ppb-TOC	31000		34000		22000		17000		23000		18000		23000		17000		170000			
Atrazine	1912-24-9	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
Benzaldehyde	100-52-7	ppb-TOC	32000	U	3100		29000	U	36000	U	2300		2500		3300		2100		9300	U		
Benzo(a)anthracene	56-55-3	ppb-TOC	50000		73000		55000		39000		53000		41000		55000		35000		190000			
Benzo(a)pyrene	50-32-8	ppb-TOC	47000		63000		51000		39000		47000		38000		52000		38000		190000			
Benzo(b)fluoranthene	205-99-2	ppb-TOC	57000		57000		41000		39000		46000		36000		45000		41000		93000			
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	32000		34000		28000		23000		27000		23000		29000		26000		78000			
Benzo(k)fluoranthene	207-08-9	ppb-TOC	20000		50000		38000		29000		37000		33000		42000		29000		150000			
Biphenyl	92-52-4	ppb-TOC	32000	U	13000	U	29000	U	36000	U	890		8900	U	10000	U	6800	U	2600			
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	540000		310000		750000		1100000		130000		180000		290000		97000		9300	U		
Butyl benzyl phthalate	85-68-7	ppb-TOC	32000	U	4400		29000	U	36000	U	1900		3300		10000	U	1900		9300	U		
Caprolactam	105-60-2	ppb-TOC	62000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
Carbazole	86-74-8	ppb-TOC	32000	U	4700		29000	U	36000	U	1600		8900	U	10000	U	2400		9300	U		
Chrysene	218-01-9	ppb-TOC	57000		68000		51000		39000		50000		41000		55000		38000		210000			
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	3500		13000		12000		3200		10000		8100		11000		8300		25000			
Dibenzofuran	132-64-9	ppb-TOC	32000	U	6800		29000	U	36000	U	2700		2300		2600		2000		3400			
Diethyl phthalate	84-66-2	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
Dimethylphthalate	131-11-3	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
Di-n-Butylphthalate	84-74-2	ppb-TOC	32000	U	13000	U	29000	U	36000	U	1800		8900	U	10000	U	6800	U	9300	U		
Di-n-Octylphthalate	117-84-0	ppb-TOC	190000		15000		31000		39000		6500		11000		12000		8300		9300	U		
Fluoranthene	206-44-0	ppb-TOC	120000		140000		85000		75000		92000		71000		91000		62000		280000			
Fluorene	86-73-7	ppb-TOC	12000		15000		2100		7500		5400		5300		4800		3200		65000			
Hexachlorobenzene	118-74-1	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
Hexachlorobutadiene	87-68-3	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U		

		Location ID	12A-0410-C2		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-001		2008 CLRC-002	
		Sample Name	12A-0410-C2CS		08A-001-C1_(11.5-13.5)_N		08A-001-C1_(13.5-15.5)_N		08A-001-C1_(15.5-17.5)_N		08A-001-C1_(5.5-7.5)_N		08A-001-C1_(7.5-9.5)_N		08A-001-C1_(9.5-11.5)_N		08A-001-C2_(0-0.5)_N		08A-002-C1_(0.5-1.5)_N	
		Date Collected	2/6/2012		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/20/2008		11/11/2008	
		Depth	1.5-2.5		11.5-13.5		13.5-15.5		15.5-17.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	23000		34000		28000		22000		25000		22000		28000		23000		83000	
Isophorone	78-59-1	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U
Naphthalene	91-20-3	ppb-TOC	27000		13000		9600		15000		11000		7100		9100		4400		59000	
Nitrobenzene	98-95-3	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U
Pentachlorophenol	87-86-5	ppb-TOC	62000	U	26000	U	55000	U	71000	U	9700	U	17000	U	20000	U	13000	U	18000	U
Phenanthrene	85-01-8	ppb-TOC	32000		73000		23000		43000		32000		25000		27000		20000		440000	
Phenol	108-95-2	ppb-TOC	32000	U	13000	U	29000	U	36000	U	5000	U	8900	U	10000	U	6800	U	9300	U
Pyrene	129-00-0	ppb-TOC	110000		130000		89000		71000		86000		69000		88000		62000		360000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	490000		650000		480000		390000		470000		380000		480000		350000		960000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	100000		160000		65000		53000		85000		71000		82000		56000		360000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	600000		840000		550000		430000		560000		460000		580000		410000		1300000	

		Location ID	2008 CLRC-002		2008 CLRC-002		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-004	
		Sample Name	08A-002-C1_(2.5-3.5)_N		08A-002-C1_(6.75-8)_N		08A-003-C1_(0.5-1.5)_N		08A-003-C1_(1.5-2.5)_N		08A-003-C1_(3.5-5.5)_N		08A-003-C1_(5.5-7.5)_N		08A-003-C1_(7.5-9.5)_N		08A-003-C2_(0-0.5)_N		08A-004-C1_(1.5-2.5)_N	
		Date Collected	11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/25/2008	
		Depth	2.5-3.5		6.8-8.0		0.5-1.5		1.5-2.5		3.5-5.5		5.5-7.5		7.5-9.5		0.0-0.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	140000	U	120000	U	55000	U	34000	U	14000	U	53000	U	94000	U	10000	U	10000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	140000	U	120000	U	55000	U	34000	U	14000	U	53000	U	94000	U	10000	U	10000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	370000	U	310000	U	140000	U	84000	U	36000	U	130000	U	240000	U	26000	U	26000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
2-Chloronaphthalene	91-58-7	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
2-Chlorophenol	95-57-8	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
2-Methylnaphthalene	91-57-6	ppb-TOC	74000	U	63000	U	13000		18000		3000		27000	U	49000	U	1300		1700	
2-Methylphenol	95-48-7	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
2-Nitroaniline	88-74-4	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
2-Nitrophenol	88-75-5	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	140000	U	120000	U	55000	U	34000	U	14000	U	53000	U	94000	U	10000	U	10000	U
3-Nitroaniline	99-09-2	ppb-TOC	140000	U	120000	U	55000	U	34000	U	14000	U	53000	U	94000	U	10000	U	10000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	140000	U	120000	U	55000	U	34000	U	14000	U	53000	U	94000	U	10000	U	10000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
4-Chloroaniline	106-47-8	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
4-Methylphenol	106-44-5	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
4-Nitroaniline	100-01-6	ppb-TOC	140000	U	120000	U	55000	U	34000	U	14000	U	53000	U	94000	U	10000	U	10000	U
4-Nitrophenol	100-02-7	ppb-TOC	140000	U	120000	U	55000	U	34000	U	14000	U	53000	U	94000	U	10000	U	10000	U
Acenaphthene	83-32-9	ppb-TOC	2200		63000	U	20000		43000		8500		390		49000	U	2100		3500	
Acenaphthylene	208-96-8	ppb-TOC	570		63000	U	24000		47000		9800		340		110		7400		7000	
Acetophenone	98-86-2	ppb-TOC	74000	U	27000		29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
Anthracene	120-12-7	ppb-TOC	2000		63000	U	71000		130000		25000		1100		460		9100		13000	
Atrazine	1912-24-9	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
Benzaldehyde	100-52-7	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
Benzo(a)anthracene	56-55-3	ppb-TOC	3500		63000	U	140000		220000		68000		2100		630		29000		32000	
Benzo(a)pyrene	50-32-8	ppb-TOC	3700		63000	U	130000		230000		68000		5200		600		44000		32000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	2100		63000	U	100000		170000		68000		1300		370		65000		32000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	2200		63000	U	55000		96000		40000		1100		49000	U	28000		20000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	4100		1100		140000		200000		29000		2600		460		24000		29000	
Biphenyl	92-52-4	ppb-TOC	74000	U	63000	U	29000	U	17000	U	1800		27000	U	49000	U	5300	U	5400	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	74000	U	63000	U	820000		17000	U	2900		27000	U	49000	U	94000		97000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	1600		1700	
Caprolactam	105-60-2	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
Carbazole	86-74-8	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	1600		2000	
Chrysene	218-01-9	ppb-TOC	3800		63000	U	160000		270000		64000		2400		770		35000		32000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	700		63000	U	19000		34000		11000		470		49000	U	8800		7000	
Dibenzofuran	132-64-9	ppb-TOC	74000	U	63000	U	29000	U	4000		2100		27000	U	49000	U	5300	U	1900	
Diethyl phthalate	84-66-2	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
Dimethylphthalate	131-11-3	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	6200	
Fluoranthene	206-44-0	ppb-TOC	7400		63000	U	220000		290000		110000		4000		1300		44000		62000	
Fluorene	86-73-7	ppb-TOC	1000		63000	U	13000		22000		5600		580		49000	U	2200		3200	
Hexachlorobenzene	118-74-1	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
Hexachlorobutadiene	87-68-3	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U

		Location ID	2008 CLRC-002		2008 CLRC-002		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-003		2008 CLRC-004	
		Sample Name	08A-002-C1_(2.5-3.5)_N		08A-002-C1_(6.75-8)_N		08A-003-C1_(0.5-1.5)_N		08A-003-C1_(1.5-2.5)_N		08A-003-C1_(3.5-5.5)_N		08A-003-C1_(5.5-7.5)_N		08A-003-C1_(7.5-9.5)_N		08A-003-C2_(0-0.5)_N		08A-004-C1_(1.5-2.5)_N	
		Date Collected	11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/11/2008		11/25/2008	
		Depth	2.5-3.5		6.8-8.0		0.5-1.5		1.5-2.5		3.5-5.5		5.5-7.5		7.5-9.5		0.0-0.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	2000		63000	U	63000		110000		32000		1300		49000	U	25000		19000	
Isophorone	78-59-1	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
Naphthalene	91-20-3	ppb-TOC	74000	U	63000	U	71000		68000		7700		27000	U	49000	U	3200		7800	
Nitrobenzene	98-95-3	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	74000	U	63000	U	29000	U	8100		2000		27000	U	49000	U	5300	U	1700	
Pentachlorophenol	87-86-5	ppb-TOC	140000	U	120000	U	55000	U	34000	U	14000	U	53000	U	94000	U	10000	U	10000	U
Phenanthrene	85-01-8	ppb-TOC	4800		63000	U	75000		130000		42000		2100		49000	U	13000		18000	
Phenol	108-95-2	ppb-TOC	74000	U	63000	U	29000	U	17000	U	7300	U	27000	U	49000	U	5300	U	5400	U
Pyrene	129-00-0	ppb-TOC	8700		63000	U	200000		290000		120000		8200		1400		56000		62000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	74000	U	63000	U	1000000		1500000		600000		13000		49000	U	350000		320000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	74000	U	63000	U	130000		250000		98000		27000	U	49000	U	38000		51000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	74000	U	63000	U	1100000		1700000		730000		13000		49000	U	410000		380000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004	
		Sample Name	08A-004-C1_(11.5-13.5)_N		08A-004-C1_(13.5-15.5)_N		08A-004-C1_(15.5-17.5)_N		08A-004-C1_(17.5-19.1)_N		08A-004-C1_(3.5-5.5)_N		08A-004-C1_(5.5-7.5)_N		08A-004-C1_(5.5-7.5)_N		08A-004-C1_(7.5-9.5)_N		08A-004-C1_(9.5-11.5)_N	
		Date Collected	11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.1		3.5-5.5		5.5-7.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	190000	U	65000	U	69000	U	160000	U	21000	U			33000	U	46000	U	83000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	190000	U	65000	U	69000	U	160000	U	21000	U			33000	U	46000	U	83000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	500000	U	170000	U	170000	U	420000	U	52000	U			83000	U	120000	U	210000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
2-Chlorophenol	95-57-8	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	7100		2800		12000		32000		1700				1700		1900		1800	
2-Methylphenol	95-48-7	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
2-Nitroaniline	88-74-4	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
2-Nitrophenol	88-75-5	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	190000	U	65000	U	69000	U	160000	U	21000	U			33000	U	46000	U	83000	U
3-Nitroaniline	99-09-2	ppb-TOC	190000	U	65000	U	69000	U	160000	U	21000	U			33000	U	46000	U	83000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	190000	U	65000	U	69000	U	160000	U	21000	U			33000	U	46000	U	83000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
4-Chloroaniline	106-47-8	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
4-Methylphenol	106-44-5	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
4-Nitroaniline	100-01-6	ppb-TOC	190000	U	65000	U	69000	U	160000	U	21000	U			33000	U	46000	U	83000	U
4-Nitrophenol	100-02-7	ppb-TOC	190000	U	65000	U	69000	U	160000	U	21000	U			33000	U	46000	U	83000	U
Acenaphthene	83-32-9	ppb-TOC	7900		2800		6500		19000		4900				4000		7800		2100	
Acenaphthylene	208-96-8	ppb-TOC	7100		3800		5800		11000		8000				6600		7800		1500	
Acetophenone	98-86-2	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
Anthracene	120-12-7	ppb-TOC	25000		19000		21000		63000		15000				13000		18000		12000	
Atrazine	1912-24-9	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
Benzaldehyde	100-52-7	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	37000		43000		32000		55000		40000				35000		42000		28000	
Benzo(a)pyrene	50-32-8	ppb-TOC	47000		48000		37000		53000		40000				37000		40000		30000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	34000		38000		30000		44000		37000				33000		39000		27000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	22000		25000		20000		29000		24000				21000		22000		16000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	42000		35000		35000		60000		34000				29000		30000		20000	
Biphenyl	92-52-4	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	3700000		1300000		1500000		2600000		230000				450000		1100000		1600000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
Caprolactam	105-60-2	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
Carbazole	86-74-8	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
Chrysene	218-01-9	ppb-TOC	50000		43000		39000		75000		43000				38000		41000		29000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	7300		9800		5800		9200		8600				7600		7400		1400	
Dibenzofuran	132-64-9	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
Diethyl phthalate	84-66-2	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
Dimethylphthalate	131-11-3	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	97000		35000		39000		150000		12000				18000		24000		41000	
Fluoranthene	206-44-0	ppb-TOC	63000		73000		53000		110000		71000				61000		78000		62000	
Fluorene	86-73-7	ppb-TOC	9400		2800		8800		29000		4900		4900				7800		2600	
Hexachlorobenzene	118-74-1	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U

		Location ID	2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004		2008 CLRC-004	
		Sample Name	08A-004-C1_(11.5-13.5)_N		08A-004-C1_(13.5-15.5)_N		08A-004-C1_(15.5-17.5)_N		08A-004-C1_(17.5-19.1)_N		08A-004-C1_(3.5-5.5)_N		08A-004-C1_(5.5-7.5)_N		08A-004-C1_(5.5-7.5)_N		08A-004-C1_(7.5-9.5)_N		08A-004-C1_(9.5-11.5)_N	
		Date Collected	11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008		11/25/2008	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.1		3.5-5.5		5.5-7.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	22000		25000		20000		31000		22000				20000		21000		16000	
Isophorone	78-59-1	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
Naphthalene	91-20-3	ppb-TOC	25000		9000		17000		150000		9200				9500		8800		6600	
Nitrobenzene	98-95-3	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
Pentachlorophenol	87-86-5	ppb-TOC	190000	U	65000	U	69000	U	160000	U	21000	U			33000	U	46000	U	83000	U
Phenanthrene	85-01-8	ppb-TOC	45000		30000		37000		130000		21000				16000		30000		19000	
Phenol	108-95-2	ppb-TOC	100000	U	35000	U	35000	U	86000	U	11000	U			17000	U	24000	U	41000	U
Pyrene	129-00-0	ppb-TOC	60000		75000		53000		97000		74000				61000		78000		58000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	250000		400000		300000		490000		400000				350000		400000		290000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	26000		50000		35000		230000		58000				43000		74000		31000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	290000		450000		350000		700000		460000				380000		460000		310000	

		Location ID	2008 CLRC-004		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006	
		Sample Name	08A-004-C2_(0-0.5)_N		08A-005-C1_(1.5-2.5)_N		08A-005-C1_(3.5-5.5)_N		08A-005-C1_(5.5-7.5)_N		08A-005-C1_(7.5-9.5)_N		08A-005-C1_(9.5-11.5)_N		08A-006-C1_(11.5-13.5)_N		08A-006-C1_(13.5-15.5)_N		08A-006-C1_(15.5-16.9)_N	
		Date Collected	11/25/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/18/2008		11/18/2008		11/18/2008	
		Depth	0.0-0.5		1.5-2.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-16.9	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	12000	U	7100	U	8500	U	11000	U	84000	U	150000	U	23000	U	20000	U	24000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	12000	U	7100	U	8500	U	11000	U	84000	U	150000	U	23000	U	20000	U	24000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	32000	U	18000	U	21000	U	27000	U	210000	U	360000	U	58000	U	50000	U	59000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
2-Chlorophenol	95-57-8	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	1400		5100		2500		3000		5100		17000		12000	U	10000	U	12000	U
2-Methylphenol	95-48-7	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
2-Nitroaniline	88-74-4	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
2-Nitrophenol	88-75-5	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	12000	U	7100	U	8500	U	11000	U	84000	U	150000	U	23000	U	20000	U	24000	U
3-Nitroaniline	99-09-2	ppb-TOC	12000	U	7100	U	8500	U	11000	U	84000	U	150000	U	23000	U	20000	U	24000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	12000	U	7100	U	8500	U	11000	U	84000	U	150000	U	23000	U	20000	U	24000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
4-Chloroaniline	106-47-8	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
4-Methylphenol	106-44-5	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
4-Nitroaniline	100-01-6	ppb-TOC	12000	U	7100	U	8500	U	11000	U	84000	U	150000	U	23000	U	20000	U	24000	U
4-Nitrophenol	100-02-7	ppb-TOC	12000	U	7100	U	8500	U	11000	U	84000	U	150000	U	23000	U	20000	U	24000	U
Acenaphthene	83-32-9	ppb-TOC	3200		5500		3900		5200		5100		9000		68		59		120	
Acenaphthylene	208-96-8	ppb-TOC	7700		5500		6000		9900		10000		5900		250		260		210	
Acetophenone	98-86-2	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
Anthracene	120-12-7	ppb-TOC	13000		28000		8900		19000		17000		29000		450		300		490	
Atrazine	1912-24-9	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
Benzaldehyde	100-52-7	ppb-TOC	6300	U	1700		2500		3600		44000	U	75000	U	12000	U	10000	U	12000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	32000		43000		32000		55000		47000		41000		1400		1000		4700	
Benzo(a)pyrene	50-32-8	ppb-TOC	34000		53000		34000		58000		47000		45000		3100		1600		4600	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	34000		56000		53000		83000		62000		38000		3800		970		5900	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	21000		36000		23000		36000		28000		25000		1400		970		3700	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	29000		60000		28000		36000		29000		48000		1600		1300		1600	
Biphenyl	92-52-4	ppb-TOC	6300	U	3800	U	4400	U	940		44000	U	75000	U	12000	U	10000	U	12000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	83000		120000		150000		210000		1200000		2000000		35000		27000		93000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	2300		2600		2800		4700		44000	U	75000	U	12000	U	10000	U	12000	U
Caprolactam	105-60-2	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
Carbazole	86-74-8	ppb-TOC	2000		2400		2100		2300		44000	U	75000	U	12000	U	10000	U	12000	U
Chrysene	218-01-9	ppb-TOC	34000		64000		39000		61000		51000		57000		1700		1300		4900	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	7700		9800		7800		12000		4000		7500		320		300		340	
Dibenzofuran	132-64-9	ppb-TOC	6300	U	1100		4400	U	1400		44000	U	75000	U	12000	U	10000	U	12000	U
Diethyl phthalate	84-66-2	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
Dimethylphthalate	131-11-3	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	6300	U	3800	U	1500		1800		44000	U	75000	U	12000	U	10000	U	12000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	7200		5300		2800		3300		12000		25000		12000	U	10000	U	12000	U
Fluoranthene	206-44-0	ppb-TOC	57000		86000		71000		120000		91000		79000		4000		1500		7100	
Fluorene	86-73-7	ppb-TOC	2800		7300		3000		4700		4400		12000		140		97		190	
Hexachlorobenzene	118-74-1	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U

		Location ID	2008 CLRC-004		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-005		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006	
		Sample Name	08A-004-C2_(0-0.5)_N		08A-005-C1_(1.5-2.5)_N		08A-005-C1_(3.5-5.5)_N		08A-005-C1_(5.5-7.5)_N		08A-005-C1_(7.5-9.5)_N		08A-005-C1_(9.5-11.5)_N		08A-006-C1_(11.5-13.5)_N		08A-006-C1_(13.5-15.5)_N		08A-006-C1_(15.5-16.9)_N	
		Date Collected	11/25/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/18/2008		11/18/2008		11/18/2008	
		Depth	0.0-0.5		1.5-2.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-16.9	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	20000		36000		21000		30000		24000		23000		1200		910		1000	
Isophorone	78-59-1	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
Naphthalene	91-20-3	ppb-TOC	2900		11000		7300		12000		11000		29000		530		500		1100	
Nitrobenzene	98-95-3	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	6300	U	3800	U	1100		5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
Pentachlorophenol	87-86-5	ppb-TOC	12000	U	7100	U	8500	U	11000	U	84000	U	150000	U	23000	U	20000	U	24000	U
Phenanthrene	85-01-8	ppb-TOC	16000		47000		21000		30000		33000		57000		640		410		930	
Phenol	108-95-2	ppb-TOC	6300	U	3800	U	4400	U	5500	U	44000	U	75000	U	12000	U	10000	U	12000	U
Pyrene	129-00-0	ppb-TOC	60000		79000		60000		91000		84000		75000		5100		1600		7900	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	340000		380000		370000		580000		470000		290000		16000		10000	U	39000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	46000		45000		46000		74000		62000		29000		12000	U	10000	U	12000	U
TOTAL PAHs - SVOC	No CAS	ppb-TOC	370000		410000		410000		660000		510000		340000		16000		10000	U	39000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007	
		Sample Name	08A-006-C1_(3.5-5.5)_N		08A-006-C1_(5.5-7.5)_N		08A-006-C1_(7.5-9.5)_N		08A-006-C1_(9.5-11.5)_N		08A-006-C2_(0-0.5)_N		08A-006-C2_(1.5-2.5)_N		08A-007-C1_(0-0.5)_N		08A-007-C2_(0.5-1.5)_N		08A-007-C2_(11.5-13.5)_N	
		Date Collected	11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/19/2008		11/19/2008		11/19/2008	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		1.5-2.5		0.0-0.5		0.5-1.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	19000	U	21000	U	20000	U	22000	U	9700	U	20000	U	19000	U	21000	U	27000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	19000	U	21000	U	20000	U	22000	U	9700	U	20000	U	19000	U	21000	U	27000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	49000	U	53000	U	51000	U	54000	U	24000	U	50000	U	50000	U	51000	U	67000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
2-Chlorophenol	95-57-8	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	10000	U	11000	U	490		11000		1200		10000	U	10000	U	1800		14000	U
2-Methylphenol	95-48-7	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
2-Nitroaniline	88-74-4	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
2-Nitrophenol	88-75-5	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	19000	U	21000	U	20000	U	22000	U	9700	U	20000	U	19000	U	21000	U	27000	U
3-Nitroaniline	99-09-2	ppb-TOC	19000	U	21000	U	20000	U	22000	U	9700	U	20000	U	19000	U	21000	U	27000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	19000	U	21000	U	20000	U	22000	U	9700	U	20000	U	19000	U	21000	U	27000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
4-Chloroaniline	106-47-8	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
4-Methylphenol	106-44-5	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
4-Nitroaniline	100-01-6	ppb-TOC	19000	U	21000	U	20000	U	22000	U	9700	U	20000	U	19000	U	21000	U	27000	U
4-Nitrophenol	100-02-7	ppb-TOC	19000	U	21000	U	20000	U	22000	U	9700	U	20000	U	19000	U	21000	U	27000	U
Acenaphthene	83-32-9	ppb-TOC	10000	U	11000	U	210		410		2400		10000	U	2500		930		14000	U
Acenaphthylene	208-96-8	ppb-TOC	31		160		440		630		7500		6900		7500		7500		15	
Acetophenone	98-86-2	ppb-TOC	10000	U	11000	U	10000	U	11000	U	1900		10000	U	10000	U	11000	U	14000	U
Anthracene	120-12-7	ppb-TOC	100		150		2500		1400		9700		7800		8600		7500		58	
Atrazine	1912-24-9	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
Benzaldehyde	100-52-7	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	1600		1400		14000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	170		390		8500		5900		36000		24000		39000		29000		14000	U
Benzo(a)pyrene	50-32-8	ppb-TOC	250		760		9700		6000		51000		33000		47000		42000		3500	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	180		400		12000		8600		68000		50000		44000		36000		76	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	140		390		5900		3900		36000		25000		36000		28000		14000	U
Benzo(k)fluoranthene	207-08-9	ppb-TOC	210		550		5300		3700		39000		18000		44000		33000		77	
Biphenyl	92-52-4	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	49000		20000		200000		92000		150000		310000		140000		240000		34000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	10000	U	11000	U	10000	U	11000	U	3100		5000		3900		4200		14000	U
Caprolactam	105-60-2	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
Carbazole	86-74-8	ppb-TOC	10000	U	11000	U	10000	U	11000	U	3400		10000	U	3000		11000	U	14000	U
Chrysene	218-01-9	ppb-TOC	220		520		9100		7200		53000		31000		44000		30000		14000	U
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	10000	U	160		590		720		10000		6700		12000		9900		14000	U
Dibenzofuran	132-64-9	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
Diethyl phthalate	84-66-2	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
Dimethylphthalate	131-11-3	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	10000	U	11000	U	10000	U	11000	U	1900		10000	U	10000	U	11000	U	14000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	10000	U	11000	U	10000	U	11000	U	2000		2600		19000	U	21000	U	27000	U
Fluoranthene	206-44-0	ppb-TOC	410		700		13000		7900		75000		44000		64000		42000		14000	U
Fluorene	86-73-7	ppb-TOC	88		110		320		790		2900		10000	U	3000		1000		97	
Hexachlorobenzene	118-74-1	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U

		Location ID	2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-006		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007	
		Sample Name	08A-006-C1_(3.5-5.5)_N		08A-006-C1_(5.5-7.5)_N		08A-006-C1_(7.5-9.5)_N		08A-006-C1_(9.5-11.5)_N		08A-006-C2_(0-0.5)_N		08A-006-C2_(1.5-2.5)_N		08A-007-C1_(0-0.5)_N		08A-007-C2_(0.5-1.5)_N		08A-007-C2_(11.5-13.5)_N	
		Date Collected	11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/18/2008		11/19/2008		11/19/2008		11/19/2008	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		1.5-2.5		0.0-0.5		0.5-1.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	140		400		5300		3400		31000		21000		30000		25000		14000	U
Isophorone	78-59-1	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
Naphthalene	91-20-3	ppb-TOC	10000	U	11000	U	1800		7200		2100		3300		2500		5700		14000	U
Nitrobenzene	98-95-3	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
Pentachlorophenol	87-86-5	ppb-TOC	19000	U	21000	U	20000	U	22000	U	9200		20000	U	19000	U	21000	U	27000	U
Phenanthrene	85-01-8	ppb-TOC	290		380		3300		7200		23000		13000		22000		15000		14000	U
Phenol	108-95-2	ppb-TOC	10000	U	11000	U	10000	U	11000	U	5100	U	10000	U	10000	U	11000	U	14000	U
Pyrene	129-00-0	ppb-TOC	390		700		15000		11000		77000		56000		78000		66000		230	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	10000	U	11000	U	85000		53000		480000		310000		440000		330000		3500	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	10000	U	11000	U	5800		11000	U	48000		31000		47000		30000		14000	U
TOTAL PAHs - SVOC	No CAS	ppb-TOC	10000	U	11000	U	91000		53000		530000		330000		470000		360000		3500	

		Location ID	2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008	
		Sample Name	08A-007-C2_(13.5-15.5)_N		08A-007-C2_(15.5-17.5)_N		08A-007-C2_(3.5-5.5)_N		08A-007-C2_(5.5-7.5)_N		08A-007-C2_(7.5-9.5)_N		08A-007-C2_(9.5-11.5)_N		08A-008-C1_(0.5-1.5)_N		08A-008-C1_(11.5-13.5)_N		08A-008-C1_(13.5-15.5)_N	
		Date Collected	11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/24/2008		11/24/2008		11/24/2008	
		Depth	13.5-15.5		15.5-17.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	28000	U	28000	U	15000	U	24000	U	24000	U	22000	U	8900	U	72000	U	240000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	28000	U	28000	U	15000	U	24000	U	24000	U	22000	U	8900	U	72000	U	1300000	
2,4-Dinitrophenol	51-28-5	ppb-TOC	72000	U	70000	U	37000	U	61000	U	61000	U	55000	U	23000	U	180000	U	590000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
2-Chlorophenol	95-57-8	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	2600		11000		67000	
2-Methylphenol	95-48-7	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
2-Nitroaniline	88-74-4	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
2-Nitrophenol	88-75-5	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	28000	U	28000	U	15000	U	24000	U	24000	U	22000	U	8900	U	72000	U	240000	U
3-Nitroaniline	99-09-2	ppb-TOC	28000	U	28000	U	15000	U	24000	U	24000	U	22000	U	8900	U	72000	U	240000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	28000	U	28000	U	15000	U	24000	U	24000	U	22000	U	8900	U	72000	U	240000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
4-Chloroaniline	106-47-8	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
4-Methylphenol	106-44-5	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	91000	
4-Nitroaniline	100-01-6	ppb-TOC	28000	U	28000	U	15000	U	24000	U	24000	U	22000	U	8900	U	72000	U	240000	U
4-Nitrophenol	100-02-7	ppb-TOC	28000	U	28000	U	15000	U	24000	U	24000	U	22000	U	8900	U	72000	U	240000	U
Acenaphthene	83-32-9	ppb-TOC	15000	U	14000	U	7600	U	73		230		120		3700		6400		13000	
Acenaphthylene	208-96-8	ppb-TOC	67		130		11		71		180		210		6600		6000		4500	
Acetophenone	98-86-2	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
Anthracene	120-12-7	ppb-TOC	320		200		28		180		610		280		12000		20000		16000	
Atrazine	1912-24-9	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
Benzaldehyde	100-52-7	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	1900		37000	U	120000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	1000		320		7600	U	350		3800		1200		40000		33000		22000	
Benzo(a)pyrene	50-32-8	ppb-TOC	4400		4200		2000		4300		6400		4500		40000		35000		39000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	710		340		44		3900		5500		3700		44000		33000		34000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	430		290		7600	U	290		3400		870		28000		21000		13000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	1000		400		58		450		1100		1600		33000		35000		24000	
Biphenyl	92-52-4	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	340000	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	71000		59000		16000		100000		160000		200000		110000		1100000		3200000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	2800		37000	U	200000	
Caprolactam	105-60-2	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
Carbazole	86-74-8	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	2800		37000	U	120000	U
Chrysene	218-01-9	ppb-TOC	1100		410		67		470		3900		1400		44000		47000		130000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	200		120		7600	U	110		220		330		9800		6400		4000	
Dibenzofuran	132-64-9	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	1200		37000	U	120000	U
Diethyl phthalate	84-66-2	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
Dimethylphthalate	131-11-3	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	1400		37000	U	2600000	
Di-n-Octylphthalate	117-84-0	ppb-TOC	28000	U	28000	U	15000	U	24000	U	24000	U	22000	U	6800		47000		200000	
Fluoranthene	206-44-0	ppb-TOC	2100		850		7600	U	3800		7000		4300		66000		64000		45000	
Fluorene	86-73-7	ppb-TOC	120		130		44		150		350		120		3000		17000		320000	
Hexachlorobenzene	118-74-1	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-007		2008 CLRC-008		2008 CLRC-008		2008 CLRC-008	
		Sample Name	08A-007-C2_(13.5-15.5)_N		08A-007-C2_(15.5-17.5)_N		08A-007-C2_(3.5-5.5)_N		08A-007-C2_(5.5-7.5)_N		08A-007-C2_(7.5-9.5)_N		08A-007-C2_(9.5-11.5)_N		08A-008-C1_(0.5-1.5)_N		08A-008-C1_(11.5-13.5)_N		08A-008-C1_(13.5-15.5)_N	
		Date Collected	11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/19/2008		11/24/2008		11/24/2008		11/24/2008	
		Depth	13.5-15.5		15.5-17.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.5-1.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	530		310		7600	U	300		3700		2700		26000		21000		12000	
Isophorone	78-59-1	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
Naphthalene	91-20-3	ppb-TOC	15000	U	14000	U	7600	U	12000	U	1000		670		9600		20000		190000	
Nitrobenzene	98-95-3	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
Pentachlorophenol	87-86-5	ppb-TOC	28000	U	28000	U	15000	U	24000	U	24000	U	22000	U	8900	U	72000	U	240000	U
Phenanthrene	85-01-8	ppb-TOC	570		14000	U	7600	U	440		1500		440		23000		37000		73000	
Phenol	108-95-2	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	4700	U	37000	U	120000	U
Pyrene	129-00-0	ppb-TOC	1900		850		7600	U	4200		7300		4400		75000		66000		58000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	4400		4200		2000		16000		41000		20000		400000		270000		270000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	15000	U	14000	U	7600	U	12000	U	12000	U	11000	U	52000		27000		480000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	4400		4200		2000		16000		41000		20000		470000		290000		750000	

		Location ID	2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009	
		Sample Name	08A-008-C1_(5.5-7.5)_N		08A-008-C1_(7.5-9.5)_N		08A-008-C1_(9.5-11.5)_N		08A-009-C3_(1.5-2.5)_N		08A-009-C3_(11.5-12.6)_N		08A-009-C3_(3.5-5.5)_N		08A-009-C3_(5.5-7.5)_N		08A-009-C3_(7.5-9.5)_N		08A-009-C3_(9.5-11.5)_N	
		Date Collected	11/24/2008		11/24/2008		11/24/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		1.5-2.5		11.5-12.6		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	27000	U	68000	U	90000	U	16000	U	160000	U	16000	U	100000	U	65000	U	120000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	27000	U	68000	U	90000	U	16000	U	160000	U	16000	U	100000	U	65000	U	120000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	69000	U	170000	U	230000	U	40000	U	390000	U	40000	U	260000	U	160000	U	310000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
2-Chlorophenol	95-57-8	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	1400		7100		8300		5700		26000		6300		8100		14000		28000	
2-Methylphenol	95-48-7	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
2-Nitroaniline	88-74-4	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
2-Nitrophenol	88-75-5	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	27000	U	68000	U	90000	U	16000	U	160000	U	16000	U	100000	U	65000	U	120000	U
3-Nitroaniline	99-09-2	ppb-TOC	27000	U	68000	U	90000	U	16000	U	160000	U	16000	U	100000	U	65000	U	120000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	27000	U	68000	U	90000	U	16000	U	160000	U	16000	U	100000	U	65000	U	120000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
4-Chloroaniline	106-47-8	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
4-Methylphenol	106-44-5	ppb-TOC	30000		51000		52000		8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
4-Nitroaniline	100-01-6	ppb-TOC	27000	U	68000	U	90000	U	16000	U	160000	U	16000	U	100000	U	65000	U	120000	U
4-Nitrophenol	100-02-7	ppb-TOC	27000	U	68000	U	90000	U	16000	U	160000	U	16000	U	100000	U	65000	U	120000	U
Acenaphthene	83-32-9	ppb-TOC	3400		7800		7600		7000		7600		5400		6900		9900		19000	
Acenaphthylene	208-96-8	ppb-TOC	5700		7400		12000		5900		8100		6300		7500		11000		9800	
Acetophenone	98-86-2	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
Anthracene	120-12-7	ppb-TOC	10000		24000		33000		16000		25000		17000		22000		32000		33000	
Atrazine	1912-24-9	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
Benzaldehyde	100-52-7	ppb-TOC	2500		34000	U	48000	U	1700		82000	U	2500		53000	U	34000	U	63000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	27000		41000		86000		44000		46000		46000		44000		56000		47000	
Benzo(a)pyrene	50-32-8	ppb-TOC	30000		44000		83000		61000		49000		54000		47000		63000		52000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	32000		41000		59000		51000		46000		48000		40000		50000		45000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	19000		26000		48000		38000		30000		33000		26000		36000		30000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	25000		54000		86000		66000		54000		67000		53000		74000		55000	
Biphenyl	92-52-4	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	340000		1000000		1400000		170000		3000000		190000		2000000		1300000		2000000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	3900		34000	U	48000	U	4200		82000	U	5200		53000	U	34000	U	63000	U
Caprolactam	105-60-2	ppb-TOC	14000	U	34000	U	48000	U	8200	U	21000		8100	U	53000	U	34000	U	63000	U
Carbazole	86-74-8	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
Chrysene	218-01-9	ppb-TOC	32000		54000		110000		65000		64000		67000		56000		77000		70000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	7100		8100		13000		10000		8600		10000		8700		11000		9400	
Dibenzofuran	132-64-9	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
Diethyl phthalate	84-66-2	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
Dimethylphthalate	131-11-3	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	16000		37000		52000		2500		28000		3500		12000		18000		30000	
Fluoranthene	206-44-0	ppb-TOC	59000		98000		170000		97000		77000		100000		84000		100000		88000	
Fluorene	86-73-7	ppb-TOC	4700		9800		11000		5500		14000		7100		8400		12000		19000	
Hexachlorobenzene	118-74-1	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC			34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-008		2008 CLRC-008		2008 CLRC-008		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009		2008 CLRC-009	
		Sample Name	08A-008-C1_(5.5-7.5)_N		08A-008-C1_(7.5-9.5)_N		08A-008-C1_(9.5-11.5)_N		08A-009-C3_(1.5-2.5)_N		08A-009-C3_(11.5-12.6)_N		08A-009-C3_(3.5-5.5)_N		08A-009-C3_(5.5-7.5)_N		08A-009-C3_(7.5-9.5)_N		08A-009-C3_(9.5-11.5)_N	
		Date Collected	11/24/2008		11/24/2008		11/24/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		1.5-2.5		11.5-12.6		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	18000		26000		48000		40000		31000		38000		27000		41000		33000	
Isophorone	78-59-1	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
Naphthalene	91-20-3	ppb-TOC	5400		22000		23000		12000		23000		15000		20000		25000		22000	
Nitrobenzene	98-95-3	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	14000	U	34000	U	48000	U	8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
Pentachlorophenol	87-86-5	ppb-TOC	27000	U	68000	U	90000	U	16000	U	160000	U	16000	U	100000	U	65000	U	120000	U
Phenanthrene	85-01-8	ppb-TOC	19000		57000		69000		42000		67000		52000		40000		61000		97000	
Phenol	108-95-2	ppb-TOC	3900		31000		25000		8200	U	82000	U	8100	U	53000	U	34000	U	63000	U
Pyrene	129-00-0	ppb-TOC	59000		88000		180000		93000		77000		94000		84000		100000		95000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	320000		370000		320000		340000		300000		330000		290000		340000		360000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	42000		44000		31000		36000		31000		50000		17000		47000		64000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	340000		440000		340000		380000		330000		380000		310000		380000		420000	

		Location ID	2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-011		2008 CLRC-011	
		Sample Name	08A-010-C2_(11.5-13.5)_N		08A-010-C2_(13.5-15.5)_N		08A-010-C2_(15.5-17.5)_N		08A-010-C2_(17.5-19.5)_N		08A-010-C2_(19.5-21.75)_N		08A-010-C2_(7.5-9.5)_N		08A-010-C2_(9.5-11.5)_N		08A-011-C1_(1.5-2.5)_N		08A-011-C1_(11.5-13.5)_N	
		Date Collected	12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		11/13/2008		11/13/2008	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.8		7.5-9.5		9.5-11.5		1.5-2.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	74000	U	67000	U	80000	U	170000	U	200000	U	28000	U	130000	U	35000	U	20000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	74000	U	67000	U	80000	U	170000	U	200000	U	28000	U	130000	U	35000	U	20000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	180000	U	170000	U	200000	U	400000	U	530000	U	70000	U	330000	U	88000	U	50000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
2-Chlorophenol	95-57-8	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	3800		5900		23000		22000		38000		1800		6600		18000	U	10000	U
2-Methylphenol	95-48-7	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
2-Nitroaniline	88-74-4	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
2-Nitrophenol	88-75-5	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	74000	U	67000	U	80000	U	170000	U	200000	U	28000	U	130000	U	35000	U	20000	U
3-Nitroaniline	99-09-2	ppb-TOC	74000	U	67000	U	80000	U	170000	U	200000	U	28000	U	130000	U	35000	U	20000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	74000	U	67000	U	80000	U	170000	U	200000	U	28000	U	130000	U	35000	U	20000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
4-Chloroaniline	106-47-8	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
4-Methylphenol	106-44-5	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
4-Nitroaniline	100-01-6	ppb-TOC	74000	U	67000	U	80000	U	170000	U	200000	U	28000	U	130000	U	35000	U	20000	U
4-Nitrophenol	100-02-7	ppb-TOC	74000	U	67000	U	80000	U	170000	U	200000	U	28000	U	130000	U	35000	U	20000	U
Acenaphthene	83-32-9	ppb-TOC	2500		3100		18000		5400		10000		1400		4900		18000	U	10000	U
Acenaphthylene	208-96-8	ppb-TOC	9900		7700		13000		3800		5400		6200		6300		18000	U	10000	U
Acetophenone	98-86-2	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
Anthracene	120-12-7	ppb-TOC	14000		13000		23000		17000		31000		9300		19000		18000	U	10000	U
Atrazine	1912-24-9	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
Benzaldehyde	100-52-7	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	3100		68000	U	18000	U	10000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	34000		31000		42000		26000		39000		28000		30000		18000	U	10000	U
Benzo(a)pyrene	50-32-8	ppb-TOC	38000		35000		48000		28000		38000		31000		36000		18000	U	10000	U
Benzo(b)fluoranthene	205-99-2	ppb-TOC	57000		53000		59000		25000		34000		44000		30000		18000	U	10000	U
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	23000		22000		27000		18000		26000		22000		22000		18000	U	10000	U
Benzo(k)fluoranthene	207-08-9	ppb-TOC	18000		17000		33000		32000		41000		20000		38000		18000	U	10000	U
Biphenyl	92-52-4	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	1400000		1200000		1500000		2800000		3800000		540000		2700000		18000	U	10000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	21000		20000		23000		83000	U	110000	U	14000	U	36000		18000	U	10000	U
Caprolactam	105-60-2	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
Carbazole	86-74-8	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
Chrysene	218-01-9	ppb-TOC	36000		35000		50000		38000		54000		31000		47000		18000	U	10000	U
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	14000		12000		15000		5200		7400		8800		19000		18000	U	10000	U
Dibenzofuran	132-64-9	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
Diethyl phthalate	84-66-2	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
Dimethylphthalate	131-11-3	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	74000	U	67000	U	80000	U	170000	U	200000	U	28000	U	130000	U	18000	U	10000	U
Fluoranthene	206-44-0	ppb-TOC	63000		61000		98000		58000		77000		57000		58000		18000	U	10000	U
Fluorene	86-73-7	ppb-TOC	3400		3300		15000		7500		14000		1500		5200		140		92	
Hexachlorobenzene	118-74-1	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-010		2008 CLRC-011		2008 CLRC-011	
		Sample Name	08A-010-C2_(11.5-13.5)_N		08A-010-C2_(13.5-15.5)_N		08A-010-C2_(15.5-17.5)_N		08A-010-C2_(17.5-19.5)_N		08A-010-C2_(19.5-21.75)_N		08A-010-C2_(7.5-9.5)_N		08A-010-C2_(9.5-11.5)_N		08A-011-C1_(1.5-2.5)_N		08A-011-C1_(11.5-13.5)_N	
		Date Collected	12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		12/8/2008		11/13/2008		11/13/2008	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.8		7.5-9.5		9.5-11.5		1.5-2.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	19000		18000		23000		17000		22000		18000		21000		18000	U	10000	U
Isophorone	78-59-1	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
Naphthalene	91-20-3	ppb-TOC	11000		7700		12000		18000		31000		6700		18000		18000	U	10000	U
Nitrobenzene	98-95-3	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
Pentachlorophenol	87-86-5	ppb-TOC	74000	U	67000	U	80000	U	170000	U	200000	U	28000	U	130000	U	35000	U	20000	U
Phenanthrene	85-01-8	ppb-TOC	19000		26000		77000		38000		60000		15000		26000		18000	U	10000	U
Phenol	108-95-2	ppb-TOC	38000	U	33000	U	41000	U	83000	U	110000	U	14000	U	68000	U	18000	U	10000	U
Pyrene	129-00-0	ppb-TOC	68000		73000		110000		60000		76000		57000		58000		18000	U	10000	U
Total HMW PAHs-SVOC	No CAS	ppb-TOC	360000		350000		500000		170000		160000		310000		210000		18000	U	10000	U
Total LMW PAHs-SVOC	No CAS	ppb-TOC	42000		45000		150000		23000		35000		31000		68000	U	18000	U	10000	U
TOTAL PAHs - SVOC	No CAS	ppb-TOC	420000		390000		650000		200000		190000		340000		210000		18000	U	10000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-012	
		Sample Name	08A-011-C1_(13.5-15.5)_N		08A-011-C1_(15.5-17.5)_N		08A-011-C1_(17.5-19.5)_N		08A-011-C1_(2.5-3.5)_N		08A-011-C1_(3.5-5.5)_N		08A-011-C1_(3.5-5.5)_N		08A-011-C1_(7.5-9.5)_N		08A-011-C1_(9.5-11.5)_N		08A-012-C1_(11.5-13.5)_N	
		Date Collected	11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		12/4/2008	
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		2.5-3.5		3.5-5.5		3.5-5.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	33000	U	26000	U	32000	U	27000	U			27000	U	25000	U	29000	U	59000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	33000	U	26000	U	32000	U	27000	U			27000	U	25000	U	29000	U	59000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	84000	U	65000	U	80000	U	69000	U			67000	U	63000	U	71000	U	150000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
2-Chlorophenol	95-57-8	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	1800	
2-Methylphenol	95-48-7	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
2-Nitroaniline	88-74-4	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
2-Nitrophenol	88-75-5	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	33000	U	26000	U	32000	U	27000	U			27000	U	25000	U	29000	U	59000	U
3-Nitroaniline	99-09-2	ppb-TOC	33000	U	26000	U	32000	U	27000	U			27000	U	25000	U	29000	U	59000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	33000	U	26000	U	32000	U	27000	U			27000	U	25000	U	29000	U	59000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
4-Chloroaniline	106-47-8	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
4-Methylphenol	106-44-5	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
4-Nitroaniline	100-01-6	ppb-TOC	33000	U	26000	U	32000	U	27000	U			27000	U	25000	U	29000	U	59000	U
4-Nitrophenol	100-02-7	ppb-TOC	33000	U	26000	U	32000	U	27000	U			27000	U	25000	U	29000	U	59000	U
Acenaphthene	83-32-9	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	1400	
Acenaphthylene	208-96-8	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	7400	
Acetophenone	98-86-2	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
Anthracene	120-12-7	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	17000	
Atrazine	1912-24-9	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
Benzaldehyde	100-52-7	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	35000	
Benzo(a)pyrene	50-32-8	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	39000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	52000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	21000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	20000	
Biphenyl	92-52-4	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	1000000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	16000	
Caprolactam	105-60-2	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
Carbazole	86-74-8	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
Chrysene	218-01-9	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	37000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	12000	
Dibenzofuran	132-64-9	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
Diethyl phthalate	84-66-2	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
Dimethylphthalate	131-11-3	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	41000	
Fluoranthene	206-44-0	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	80000	
Fluorene	86-73-7	ppb-TOC	17000	U	13000	U	16000	U	14000	U	14000	U			13000	U	110		1600	
Hexachlorobenzene	118-74-1	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-011		2008 CLRC-012	
		Sample Name	08A-011-C1_(13.5-15.5)_N		08A-011-C1_(15.5-17.5)_N		08A-011-C1_(17.5-19.5)_N		08A-011-C1_(2.5-3.5)_N		08A-011-C1_(3.5-5.5)_N		08A-011-C1_(3.5-5.5)_N		08A-011-C1_(7.5-9.5)_N		08A-011-C1_(9.5-11.5)_N		08A-012-C1_(11.5-13.5)_N	
		Date Collected	11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		11/13/2008		12/4/2008	
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		2.5-3.5		3.5-5.5		3.5-5.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	18000	
Isophorone	78-59-1	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
Naphthalene	91-20-3	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	6100	
Nitrobenzene	98-95-3	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
Pentachlorophenol	87-86-5	ppb-TOC	26000		26000	U	32000	U	27000	U			21000		25000	U	29000	U	59000	U
Phenanthrene	85-01-8	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	28000	
Phenol	108-95-2	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	30000	U
Pyrene	129-00-0	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	70000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	390000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	52000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	17000	U	13000	U	16000	U	14000	U			14000	U	13000	U	15000	U	430000	

		Location ID	2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013	
		Sample Name	08A-012-C1_(2.5-3.75)_N		08A-012-C1_(5.5-7.5)_N		08A-012-C1_(7.5-9.5)_N		08A-012-C1_(9.5-11.5)_N		08A-013-C1_(0-0.5)_N		08A-013-C2_(0.5-1.5)_N		08A-013-C2_(1.5-2.5)_N		08A-013-C2_(11.5-13.5)_N		08A-013-C2_(13.5-15.5)_N	
		Date Collected	12/4/2008		12/4/2008		12/4/2008		12/4/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008	
		Depth	2.5-3.8		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	20000	U	110000	U	390000	U	240000	U	11000	U	7500	U	7200	U	130000	U	250000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	20000	U	110000	U	390000	U	240000	U	11000	U	7500	U	7200	U	130000	U	250000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	50000	U	290000	U	990000	U	590000	U	27000	U	19000	U	18000	U	330000	U	600000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
2-Chlorophenol	95-57-8	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	2100		1800		2700		2100		1300		1600		2300		19000		31000	
2-Methylphenol	95-48-7	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
2-Nitroaniline	88-74-4	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
2-Nitrophenol	88-75-5	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	20000	U	110000	U	390000	U	240000	U	11000	U	7500	U	7200	U	130000	U	250000	U
3-Nitroaniline	99-09-2	ppb-TOC	20000	U	110000	U	390000	U	240000	U	11000	U	7500	U	7200	U	130000	U	250000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	20000	U	110000	U	390000	U	240000	U	11000	U	7500	U	7200	U	130000	U	250000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
4-Chloroaniline	106-47-8	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
4-Methylphenol	106-44-5	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
4-Nitroaniline	100-01-6	ppb-TOC	20000	U	110000	U	390000	U	240000	U	11000	U	7500	U	7200	U	130000	U	250000	U
4-Nitrophenol	100-02-7	ppb-TOC	20000	U	110000	U	390000	U	240000	U	11000	U	7500	U	7200	U	130000	U	250000	U
Acenaphthene	83-32-9	ppb-TOC	3500		1500		2800		1500		7800		2600		2300		11000		9200	
Acenaphthylene	208-96-8	ppb-TOC	8800		2600		1700		2000		7000		4700		4100		7200		5700	
Acetophenone	98-86-2	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
Anthracene	120-12-7	ppb-TOC	12000		4900		7200		4600		12000		7600		6500		26000		26000	
Atrazine	1912-24-9	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
Benzaldehyde	100-52-7	ppb-TOC	4000		59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	38000		31000		8700		31000		45000		35000		28000		44000		37000	
Benzo(a)pyrene	50-32-8	ppb-TOC	40000		43000		78000		55000		45000		37000		30000		51000		52000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	55000		59000		110000		81000		42000		43000		34000		42000		46000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	30000		20000		5400		5700		30000		28000		21000		30000		25000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	25000		20000		9900		11000		40000		32000		28000		53000		45000	
Biphenyl	92-52-4	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	330000		2000000		5700000		3900000		130000		130000		140000		2100000		3900000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	10000	U	31000		99000		57000		6600		3000		4100		69000	U	120000	U
Caprolactam	105-60-2	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
Carbazole	86-74-8	ppb-TOC	10000	U	59000	U	200000	U	120000	U	3800		3000		2300		69000	U	120000	U
Chrysene	218-01-9	ppb-TOC	40000		36000		14000		35000		51000		41000		34000		62000		55000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	10000		17000		1500		1600		10000		9100		8000		9000		7100	
Dibenzofuran	132-64-9	ppb-TOC	10000	U	59000	U	200000	U	120000	U	1600		1000		3700	U	69000	U	120000	U
Diethyl phthalate	84-66-2	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
Dimethylphthalate	131-11-3	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	1400		69000	U	120000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	20000	U	60000		200000		130000		8300		8000		6200		83000		150000	
Fluoranthene	206-44-0	ppb-TOC	76000		73000		78000		68000		82000		62000		55000		83000		82000	
Fluorene	86-73-7	ppb-TOC	4500		1800		3300		1800		5400		2600		2100		14000		14000	
Hexachlorobenzene	118-74-1	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-012		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013	
		Sample Name	08A-012-C1_(2.5-3.75)_N		08A-012-C1_(5.5-7.5)_N		08A-012-C1_(7.5-9.5)_N		08A-012-C1_(9.5-11.5)_N		08A-013-C1_(0-0.5)_N		08A-013-C2_(0.5-1.5)_N		08A-013-C2_(1.5-2.5)_N		08A-013-C2_(11.5-13.5)_N		08A-013-C2_(13.5-15.5)_N	
		Date Collected	12/4/2008		12/4/2008		12/4/2008		12/4/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008	
		Depth	2.5-3.8		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	24000		18000		5100		5900		26000		24000		19000		30000		34000	
Isophorone	78-59-1	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
Naphthalene	91-20-3	ppb-TOC	7800		5900		7800		6800		2200		3700		4800		21000		25000	
Nitrobenzene	98-95-3	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
Pentachlorophenol	87-86-5	ppb-TOC	20000	U	110000	U	390000	U	240000	U	11000	U	7500	U	7200	U	130000	U	250000	U
Phenanthrene	85-01-8	ppb-TOC	22000		20000		14000		8700		35000		24000		19000		74000		74000	
Phenol	108-95-2	ppb-TOC	10000	U	59000	U	200000	U	120000	U	5600	U	3900	U	3700	U	69000	U	120000	U
Pyrene	129-00-0	ppb-TOC	78000		64000		66000		57000		87000		71000		58000		85000		80000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	430000		380000		330000		330000		450000		370000		320000		370000		370000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	55000		20000		200000	U	120000	U	70000		45000		34000		32000		37000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	480000		400000		330000		330000		530000		430000		350000		400000		400000	

		Location ID	2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014	
		Sample Name	08A-013-C2_(3.5-5.5)_N		08A-013-C2_(5.5-7.5)_N		08A-013-C2_(5.5-7.5)_N		08A-013-C2_(7.5-9.5)_N		08A-013-C2_(7.5-9.5)_N		08A-013-C2_(9.5-11.5)_N		08A-014-C1_(11.5-13.5)_N		08A-014-C1_(13.5-15.5)_N		08A-014-C1_(15.5-17.5)_N	
		Date Collected	11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		12/3/2008		12/3/2008		12/3/2008	
		Depth	3.5-5.5		5.5-7.5		5.5-7.5		7.5-9.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	16000	U			51000	U			310000	U	55000	U	14000	U	17000	U	21000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	16000	U			51000	U			310000	U	55000	U	14000	U	17000	U	21000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	41000	U			130000	U			780000	U	140000	U	34000	U	44000	U	54000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
2-Chlorophenol	95-57-8	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	6100		7700						7400		9500		36000		91000		70000	
2-Methylphenol	95-48-7	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
2-Nitroaniline	88-74-4	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
2-Nitrophenol	88-75-5	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	16000	U			51000	U			310000	U	55000	U	14000	U	17000	U	21000	U
3-Nitroaniline	99-09-2	ppb-TOC	16000	U			51000	U			310000	U	55000	U	14000	U	17000	U	21000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	16000	U			51000	U			310000	U	55000	U	14000	U	17000	U	21000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
4-Chloroaniline	106-47-8	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
4-Methylphenol	106-44-5	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
4-Nitroaniline	100-01-6	ppb-TOC	16000	U			51000	U			310000	U	55000	U	14000	U	17000	U	21000	U
4-Nitrophenol	100-02-7	ppb-TOC	16000	U			51000	U			310000	U	55000	U	14000	U	17000	U	21000	U
Acenaphthene	83-32-9	ppb-TOC	4800		5100						6100		5900		44000		67000		64000	
Acenaphthylene	208-96-8	ppb-TOC	5900				7200				4700		5100		20000		31000		29000	
Acetophenone	98-86-2	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
Anthracene	120-12-7	ppb-TOC	15000		20000						20000		22000		87000		160000		160000	
Atrazine	1912-24-9	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
Benzaldehyde	100-52-7	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	41000		41000				29000				46000		110000		160000		160000	
Benzo(a)pyrene	50-32-8	ppb-TOC	50000		54000						63000		51000		100000		160000		150000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	45000		46000						55000		42000		83000		120000		110000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	34000		33000						22000		29000		50000		73000		67000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	55000		54000						38000		53000		100000		150000		150000	
Biphenyl	92-52-4	ppb-TOC	8400	U			26000	U			160000	U	29000	U	2000		2800		3200	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	250000				720000				4900000		1000000		10000		11000		11000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	5200				26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
Caprolactam	105-60-2	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
Carbazole	86-74-8	ppb-TOC	2300				26000	U			160000	U	29000	U	5600		13000		11000	
Chrysene	218-01-9	ppb-TOC	59000		61000						47000		70000		140000		210000		210000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	9500				9100				6900		8800		16000		23000		21000	
Dibenzofuran	132-64-9	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7700		18000		20000	
Diethyl phthalate	84-66-2	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
Dimethylphthalate	131-11-3	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	13000				30000				160000		37000		14000	U	17000	U	12000	
Fluoranthene	206-44-0	ppb-TOC	86000		79000				65000				77000		200000		260000		310000	
Fluorene	86-73-7	ppb-TOC	6800		7400						8800		7500		50000		100000		89000	
Hexachlorobenzene	118-74-1	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U

		Location ID	2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-013		2008 CLRC-014		2008 CLRC-014		2008 CLRC-014	
		Sample Name	08A-013-C2_(3.5-5.5)_N		08A-013-C2_(5.5-7.5)_N		08A-013-C2_(5.5-7.5)_N		08A-013-C2_(7.5-9.5)_N		08A-013-C2_(7.5-9.5)_N		08A-013-C2_(9.5-11.5)_N		08A-014-C1_(11.5-13.5)_N		08A-014-C1_(13.5-15.5)_N		08A-014-C1_(15.5-17.5)_N	
		Date Collected	11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		11/17/2008		12/3/2008		12/3/2008		12/3/2008	
		Depth	3.5-5.5		5.5-7.5		5.5-7.5		7.5-9.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	32000		31000						21000		29000		52000		78000		73000	
Isophorone	78-59-1	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
Naphthalene	91-20-3	ppb-TOC	13000		17000						17000		18000		170000		540000		270000	
Nitrobenzene	98-95-3	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
Pentachlorophenol	87-86-5	ppb-TOC	16000	U			51000	U			310000	U	55000	U	14000	U	17000	U	21000	U
Phenanthrene	85-01-8	ppb-TOC	48000		41000						38000		42000		220000		410000		420000	
Phenol	108-95-2	ppb-TOC	8400	U			26000	U			160000	U	29000	U	7300	U	8800	U	11000	U
Pyrene	129-00-0	ppb-TOC	82000		77000						68000		77000		200000		260000		310000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	360000				370000				280000		260000		950000		1200000		1300000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	52000				37000				160000	U	22000		360000		650000		610000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	410000				400000				280000		290000		1300000		1800000		1900000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015	
		Sample Name	08A-014-C1_(17.5-19.75)_N		08A-014-C1_(7.5-9.5)_N		08A-014-C1_(9.5-11.5)_N		08A-015-C2_(1.5-2.5)_N		08A-015-C2_(10.5-11.85)_N		08A-015-C2_(11.85-13.15)_N		08A-015-C2_(2.5-3.5)_N		08A-015-C2_(3.5-5.5)_N		08A-015-C2_(5.5-7.5)_N	
		Date Collected	12/3/2008		12/3/2008		12/3/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008	
		Depth	17.5-19.8		7.5-9.5		9.5-11.5		1.5-2.5		10.5-11.9		11.9-13.1		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	29000	U	16000	U	13000	U	27000	U	21000	U	6500	U			74000	U	75000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	29000	U	16000	U	13000	U	27000	U	21000	U	6500	U			74000	U	75000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	74000	U	39000	U	32000	U	69000	U	53000	U	16000	U			190000	U	190000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
2-Chlorophenol	95-57-8	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	54000		18000		24000		6500		11000	U	3300	U	6000		12000		2900	
2-Methylphenol	95-48-7	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
2-Nitroaniline	88-74-4	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
2-Nitrophenol	88-75-5	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	29000	U	16000	U	13000	U	27000	U	21000	U	6500	U			74000	U	75000	U
3-Nitroaniline	99-09-2	ppb-TOC	29000	U	16000	U	13000	U	27000	U	21000	U	6500	U			74000	U	75000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	29000	U	16000	U	13000	U	27000	U	21000	U	6500	U			74000	U	75000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
4-Chloroaniline	106-47-8	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
4-Methylphenol	106-44-5	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
4-Nitroaniline	100-01-6	ppb-TOC	29000	U	16000	U	13000	U	27000	U	21000	U	6500	U			74000	U	75000	U
4-Nitrophenol	100-02-7	ppb-TOC	29000	U	16000	U	13000	U	27000	U	21000	U	6500	U			74000	U	75000	U
Acenaphthene	83-32-9	ppb-TOC	38000		25000		32000		61000		11000	U	3300	U	18000		8000		1800	
Acenaphthylene	208-96-8	ppb-TOC	34000		13000		14000		15000		11000	U	3300	U	8000		12000		2000	
Acetophenone	98-86-2	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
Anthracene	120-12-7	ppb-TOC	97000		55000		81000		65000		31		14		36000		26000		11000	
Atrazine	1912-24-9	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
Benzaldehyde	100-52-7	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	740				39000	U	38000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	140000		82000		93000		97000		11000	U	3300	U	62000		90000		20000	
Benzo(a)pyrene	50-32-8	ppb-TOC	140000		89000		91000		100000		31		11		71000		90000		20000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	97000		72000		76000		90000		11000	U	16		59000		110000		23000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	65000		52000		46000		55000		11000	U	3300	U	39000		51000		11000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	120000		88000		96000		100000		11000	U	3300	U	73000		100000		19000	
Biphenyl	92-52-4	ppb-TOC	2700		1700		1500		14000	U	11000	U	3300	U			39000	U	38000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	15000	U	42000		6600		470000		11000	U	3300	U			1300000		1200000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	15000	U	8000	U	6400	U	4400		11000	U	3300	U			39000	U	38000	U
Caprolactam	105-60-2	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
Carbazole	86-74-8	ppb-TOC	6500		2900		3900		14000	U	11000	U	3300	U			39000	U	38000	U
Chrysene	218-01-9	ppb-TOC	180000		110000		120000		120000		11000	U	20		78000		90000		23000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	19000		12000		14000		16000		11000	U	3300	U	12000		16000		3000	
Dibenzofuran	132-64-9	ppb-TOC	7900		5400		6800		7100		11000	U	3300	U			39000	U	38000	U
Diethyl phthalate	84-66-2	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
Dimethylphthalate	131-11-3	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	29000	U	8600		13000	U	19000		11000	U	3300	U			13000		85000	
Fluoranthene	206-44-0	ppb-TOC	210000		160000		170000		230000		11000	U	45		160000		270000		44000	
Fluorene	86-73-7	ppb-TOC	52000		27000		41000		37000		11000	U	23		9400		8700		2500	
Hexachlorobenzene	118-74-1	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-014		2008 CLRC-014		2008 CLRC-014		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015		2008 CLRC-015	
		Sample Name	08A-014-C1_(17.5-19.75)_N		08A-014-C1_(7.5-9.5)_N		08A-014-C1_(9.5-11.5)_N		08A-015-C2_(1.5-2.5)_N		08A-015-C2_(10.5-11.85)_N		08A-015-C2_(11.85-13.15)_N		08A-015-C2_(2.5-3.5)_N		08A-015-C2_(3.5-5.5)_N		08A-015-C2_(5.5-7.5)_N	
		Date Collected	12/3/2008		12/3/2008		12/3/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008		11/12/2008	
		Depth	17.5-19.8		7.5-9.5		9.5-11.5		1.5-2.5		10.5-11.9		11.9-13.1		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	70000		50000		49000		56000		11000	U	3300	U	41000		55000		11000	
Isophorone	78-59-1	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
Naphthalene	91-20-3	ppb-TOC	170000		110000		160000		19000		11000	U	3300	U	15000		20000		4400	
Nitrobenzene	98-95-3	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	15000	U	13000		7600		14000	U	11000	U	3300	U			39000	U	38000	U
Pentachlorophenol	87-86-5	ppb-TOC	29000	U	16000	U	13000	U	27000	U	21000	U	6500	U			74000	U	75000	U
Phenanthrene	85-01-8	ppb-TOC	250000		110000		170000		110000		11000	U	59		53000		51000		15000	
Phenol	108-95-2	ppb-TOC	15000	U	8000	U	6400	U	14000	U	11000	U	3300	U			39000	U	38000	U
Pyrene	129-00-0	ppb-TOC	250000		160000		150000		190000		11000	U	43		130000		230000		41000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	1100000		710000		710000		600000		11000	U	3300	U			1000000		210000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	410000		180000		220000		140000		11000	U	3300	U			84000		24000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1500000		890000		930000		740000		11000	U	3300	U			1100000		230000	

		Location ID	2008 CLRC-015		2008 CLRC-015		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016	
		Sample Name	08A-015-C2_(7.5-8.35)_N		08A-015-C2_(8.35-10.5)_N		08A-016-C1_(11.5-13.5)_N		08A-016-C1_(13.5-15.5)_N		08A-016-C1_(15.5-17.5)_N		08A-016-C1_(17.5-19.12)_N		08A-016-C1_(5.5-7.5)_N		08A-016-C1_(7.5-9.5)_N		08A-016-C1_(9.5-11.5)_N	
		Date Collected	11/12/2008		11/12/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008	
		Depth	7.5-8.4		8.4-10.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.1		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	1500	U	51000	U	110000	U	70000	U	86000	U	72000	U	12000	U	19000	U	31000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	1500	U	51000	U	110000	U	70000	U	86000	U	72000	U	12000	U	19000	U	31000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	3800	U	130000	U	280000	U	170000	U	220000	U	190000	U	29000	U	49000	U	80000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
2-Chlorophenol	95-57-8	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	1300		26000	U	56000	U	13000		18000		24000		3900		6600		4500	
2-Methylphenol	95-48-7	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
2-Nitroaniline	88-74-4	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
2-Nitrophenol	88-75-5	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	1500	U	51000	U	110000	U	70000	U	86000	U	72000	U	12000	U	19000	U	31000	U
3-Nitroaniline	99-09-2	ppb-TOC	1500	U	51000	U	110000	U	70000	U	86000	U	72000	U	12000	U	19000	U	31000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	1500	U	51000	U	110000	U	70000	U	86000	U	72000	U	12000	U	19000	U	31000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
4-Chloroaniline	106-47-8	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
4-Methylphenol	106-44-5	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
4-Nitroaniline	100-01-6	ppb-TOC	1500	U	51000	U	110000	U	70000	U	86000	U	72000	U	12000	U	19000	U	31000	U
4-Nitrophenol	100-02-7	ppb-TOC	1500	U	51000	U	110000	U	70000	U	86000	U	72000	U	12000	U	19000	U	31000	U
Acenaphthene	83-32-9	ppb-TOC	830		26000	U	2600		10000		12000		12000		3900		5200		3700	
Acenaphthylene	208-96-8	ppb-TOC	780		26000	U	2600		7700		6300		6300		7000		5700		4000	
Acetophenone	98-86-2	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
Anthracene	120-12-7	ppb-TOC	2200		77		6200		19000		26000		24000		12000		13000		7700	
Atrazine	1912-24-9	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
Benzaldehyde	100-52-7	ppb-TOC	330		26000	U	56000	U	35000	U	45000	U	37000	U	1400		2300		17000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	6000		26000	U	26000		42000		41000		40000		40000		40000		21000	
Benzo(a)pyrene	50-32-8	ppb-TOC	6900		26000	U	34000		44000		43000		42000		47000		47000		24000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	8700		26000	U	30000		40000		38000		36000		45000		45000		23000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	3300		26000	U	21000		28000		28000		27000		29000		33000		17000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	6000		26000	U	24000		44000		53000		52000		50000		52000		30000	
Biphenyl	92-52-4	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	6000		26000	U	2000000		1300000		1700000		1400000		190000		310000		640000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	3600		6100		6600	
Caprolactam	105-60-2	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
Carbazole	86-74-8	ppb-TOC	1000		26000	U	56000	U	35000	U	45000	U	37000	U	2200		10000	U	17000	U
Chrysene	218-01-9	ppb-TOC	6900		120		30000		58000		63000		59000		57000		62000		33000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	1300		26000	U	3200		13000		14000		11000		8500		8800		5900	
Dibenzofuran	132-64-9	ppb-TOC	550		26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
Diethyl phthalate	84-66-2	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
Dimethylphthalate	131-11-3	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	780	U	26000	U	56000	U	13000		45000	U	37000	U	5900	U	10000	U	17000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	170		26000	U	64000		59000		68000		62000		9300		14000		21000	
Fluoranthene	206-44-0	ppb-TOC	10000		250		45000		75000		76000		79000		76000		78000		43000	
Fluorene	86-73-7	ppb-TOC	1000		150		3400		10000		16000		16000		5400		7300		4500	
Hexachlorobenzene	118-74-1	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U			10000	U	17000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-015		2008 CLRC-015		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016		2008 CLRC-016	
		Sample Name	08A-015-C2_(7.5-8.35)_N		08A-015-C2_(8.35-10.5)_N		08A-016-C1_(11.5-13.5)_N		08A-016-C1_(13.5-15.5)_N		08A-016-C1_(15.5-17.5)_N		08A-016-C1_(17.5-19.12)_N		08A-016-C1_(5.5-7.5)_N		08A-016-C1_(7.5-9.5)_N		08A-016-C1_(9.5-11.5)_N	
		Date Collected	11/12/2008		11/12/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008		12/1/2008	
		Depth	7.5-8.4		8.4-10.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.1		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	3500		26000	U	24000		26000		30000		26000		31000		29000		17000	
Isophorone	78-59-1	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
Naphthalene	91-20-3	ppb-TOC	5500		26000	U	56000	U	13000		30000		27000		6800		11000		8300	
Nitrobenzene	98-95-3	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
Pentachlorophenol	87-86-5	ppb-TOC	1500	U	51000	U	110000	U	70000	U	86000	U	72000	U	12000	U	19000	U	31000	U
Phenanthrene	85-01-8	ppb-TOC	7300		26000	U	19000		66000		73000		83000		47000		52000		26000	
Phenol	108-95-2	ppb-TOC	780	U	26000	U	56000	U	35000	U	45000	U	37000	U	5900	U	10000	U	17000	U
Pyrene	129-00-0	ppb-TOC	9200		26000	U	54000		87000		78000		78000		67000		75000		47000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	60000		26000	U	280000		420000		400000		300000		280000		280000		230000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	13000		26000	U	19000		72000		48000		37000		36000		36000		26000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	73000		26000	U	300000		490000		450000		330000		310000		310000		260000	

		Location ID	2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017	
		Sample Name	08A-017-C1_(11.5-13.5)_N		08A-017-C1_(13.5-15.5)_N		08A-017-C1_(15.5-17.5)_N		08A-017-C1_(17.5-19.5)_N		08A-017-C1_(19.5-21.7)_N		08A-017-C1_(21.7-23.5)_N		08A-017-C1_(3.5-5.5)_N		08A-017-C1_(5.5-7.5)_N		08A-017-C1_(7.5-9.5)_N	
		Date Collected	12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.7		21.7-23.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	190000	U	130000	U	32000	U	28000	U	28000	U	20000	U	25000	U	41000	U	74000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	190000	U	130000	U	32000	U	28000	U	28000	U	20000	U	25000	U	41000	U	74000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	440000	U	340000	U	82000	U	69000	U	69000	U	52000	U	64000	U	99000	U	190000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
2-Chlorophenol	95-57-8	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	24000		25000		120000		67000		75000		1300		2500		9000		6800	
2-Methylphenol	95-48-7	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
2-Nitroaniline	88-74-4	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
2-Nitrophenol	88-75-5	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	190000	U	130000	U	32000	U	28000	U	28000	U	20000	U	25000	U	41000	U	74000	U
3-Nitroaniline	99-09-2	ppb-TOC	190000	U	130000	U	32000	U	28000	U	28000	U	20000	U	25000	U	41000	U	74000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	190000	U	130000	U	32000	U	28000	U	28000	U	20000	U	25000	U	41000	U	74000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
4-Chloroaniline	106-47-8	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
4-Methylphenol	106-44-5	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
4-Nitroaniline	100-01-6	ppb-TOC	190000	U	130000	U	32000	U	28000	U	28000	U	20000	U	25000	U	41000	U	74000	U
4-Nitrophenol	100-02-7	ppb-TOC	190000	U	130000	U	32000	U	28000	U	28000	U	20000	U	25000	U	41000	U	74000	U
Acenaphthene	83-32-9	ppb-TOC	22000		21000		100000		47000		61000		1200		1500		5600		4100	
Acenaphthylene	208-96-8	ppb-TOC	8700		18000		49000		31000		38000		220		6400		5400		3100	
Acetophenone	98-86-2	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
Anthracene	120-12-7	ppb-TOC	53000		46000		230000		120000		140000		1300		8000		18000		13000	
Atrazine	1912-24-9	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
Benzaldehyde	100-52-7	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	2100		21000	U	39000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	60000		62000		260000		160000		160000		2700		25000		32000		31000	
Benzo(a)pyrene	50-32-8	ppb-TOC	63000		71000		220000		140000		150000		3900		25000		34000		37000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	58000		64000		160000		94000		100000		3200		27000		29000		37000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	36000		37000		98000		67000		67000		420		16000		21000		21000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	61000		78000		230000		140000		140000		750		22000		41000		27000	
Biphenyl	92-52-4	ppb-TOC	92000	U	69000	U	3900		3100		3000		11000	U	13000	U	21000	U	39000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	2600000		2500000		17000	U	14000	U	14000	U	19000		430000		630000		970000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	4300		21000	U	39000	U
Caprolactam	105-60-2	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
Carbazole	86-74-8	ppb-TOC	92000	U	69000	U	18000		11000		9500		11000	U	13000	U	21000	U	39000	U
Chrysene	218-01-9	ppb-TOC	83000		85000		300000		190000		200000		3000		27000		45000		35000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	10000		19000		33000		22000		21000		170		5700		6800		4100	
Dibenzofuran	132-64-9	ppb-TOC	92000	U	69000	U	36000		15000		12000		11000	U	13000	U	21000	U	39000	U
Diethyl phthalate	84-66-2	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
Dimethylphthalate	131-11-3	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	150000		120000		32000	U	28000	U	28000	U	11000		15000		27000		47000	
Fluoranthene	206-44-0	ppb-TOC	130000		150000		590000		280000		300000		5800		50000		61000		74000	
Fluorene	86-73-7	ppb-TOC	29000		28000		140000		72000		80000		1400		1900		7400		5800	
Hexachlorobenzene	118-74-1	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017		2008 CLRC-017	
		Sample Name	08A-017-C1_(11.5-13.5)_N		08A-017-C1_(13.5-15.5)_N		08A-017-C1_(15.5-17.5)_N		08A-017-C1_(17.5-19.5)_N		08A-017-C1_(19.5-21.7)_N		08A-017-C1_(21.7-23.5)_N		08A-017-C1_(3.5-5.5)_N		08A-017-C1_(5.5-7.5)_N		08A-017-C1_(7.5-9.5)_N	
		Date Collected	12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008		12/2/2008	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.7		21.7-23.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	36000		35000		100000		72000		72000		430		14000		21000		23000	
Isophorone	78-59-1	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
Naphthalene	91-20-3	ppb-TOC	55000		94000		390000		260000		390000		6200		7600		22000		16000	
Nitrobenzene	98-95-3	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
Pentachlorophenol	87-86-5	ppb-TOC	190000	U	130000	U	32000	U	28000	U	28000	U	20000	U	25000	U	41000	U	74000	U
Phenanthrene	85-01-8	ppb-TOC	120000		120000		660000		310000		360000		5600		15000		32000		25000	
Phenol	108-95-2	ppb-TOC	92000	U	69000	U	17000	U	14000	U	14000	U	11000	U	13000	U	21000	U	39000	U
Pyrene	129-00-0	ppb-TOC	110000		120000		490000		330000		310000		5100		50000		61000		60000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	600000		670000		2200000		1400000		1300000		24000		270000		210000		350000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	99000		190000		1100000		560000		690000		5600		30000		25000		33000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	700000		870000		3300000		1900000		2000000		29000		300000		230000		370000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-017		2008 CLRC-017		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-019	
		Sample Name	08A-017-C1_(9.5-11.5)_N		08A-017-C3_(1.5-2.5)_N		08A-018-C1_(1.5-2.5)_N		08A-018-C1_(11.5-13.5)_N		08A-018-C1_(3.5-5.5)_N		08A-018-C1_(5.5-7.5)_N		08A-018-C1_(7.5-9.5)_N		08A-018-C1_(9.5-11.5)_N		08A-019-C1_(3.5-5.27)_N	
		Date Collected	12/2/2008		12/2/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		9/24/2008	
		Depth	9.5-11.5		1.5-2.5		1.5-2.5		11.5-13.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		3.5-5.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	95000	U	46000	U	17000	U	34000	U	140000	U	4700	U	18000	U	13000	U	190000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	95000	U	46000	U	17000	U	34000	U	140000	U	4700	U	18000	U	13000	U	190000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	230000	U	110000	U	43000	U	84000	U	360000	U	12000	U	45000	U	31000	U	470000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
2-Chlorophenol	95-57-8	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	20000		23000	U	5400		17000	U	17000		3500		19000		6400	U	97000	U
2-Methylphenol	95-48-7	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
2-Nitroaniline	88-74-4	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
2-Nitrophenol	88-75-5	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	95000	U	46000	U	17000	U	34000	U	140000	U	4700	U	18000	U	13000	U	190000	U
3-Nitroaniline	99-09-2	ppb-TOC	95000	U	46000	U	17000	U	34000	U	140000	U	4700	U	18000	U	13000	U	190000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	95000	U	46000	U	17000	U	34000	U	140000	U	4700	U	18000	U	13000	U	190000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
4-Chloroaniline	106-47-8	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
4-Methylphenol	106-44-5	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
4-Nitroaniline	100-01-6	ppb-TOC	95000	U	46000	U	17000	U	34000	U	140000	U	4700	U	18000	U	13000	U	190000	U
4-Nitrophenol	100-02-7	ppb-TOC	95000	U	46000	U	17000	U	34000	U	140000	U	4700	U	18000	U	13000	U	190000	U
Acenaphthene	83-32-9	ppb-TOC	15000		23000	U	16000		17000	U	31000		16000		59000		100		97000	U
Acenaphthylene	208-96-8	ppb-TOC	6800		9200		8300		28		9600		4700		31000		6400	U	97000	U
Acetophenone	98-86-2	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
Anthracene	120-12-7	ppb-TOC	36000		9900		18000		17000	U	51000		19000		120000		6400	U	97000	U
Atrazine	1912-24-9	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
Benzaldehyde	100-52-7	ppb-TOC	48000	U	23000	U	1800		17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	48000		27000		46000		17000	U	53000		24000		240000		6400	U	28000	
Benzo(a)pyrene	50-32-8	ppb-TOC	47000		31000		57000		10000		48000		23000		250000		7200		28000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	43000		36000		57000		17000	U	50000		19000		180000		6400	U	97000	U
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	27000		21000		37000		17000	U	27000		10000		130000		6400	U	97000	U
Benzo(k)fluoranthene	207-08-9	ppb-TOC	52000		23000		63000		17000	U	58000		23000		220000		6400	U	97000	U
Biphenyl	92-52-4	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	400		9200	U	6400	U	97000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	1700000		820000		280000		17000	U	2700000		29000		9200	U	6400	U	2400000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	48000	U	23000	U	5200		17000	U	34000		2500	U	9200	U	6400	U	97000	U
Caprolactam	105-60-2	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
Carbazole	86-74-8	ppb-TOC	48000	U	23000	U	2800		17000	U	74000	U	900		9200	U	6400	U	97000	U
Chrysene	218-01-9	ppb-TOC	65000		31000		65000		17000	U	74000		30000		270000		6400	U	35000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	8400		7200		11000		17000	U	8400		3100		36000		6400	U	97000	U
Dibenzofuran	132-64-9	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2300		3100		6400	U	97000	U
Diethyl phthalate	84-66-2	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
Dimethylphthalate	131-11-3	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	84000		31000		3300		17000	U	360000		2500	U	9200	U	6400	U	49000	
Fluoranthene	206-44-0	ppb-TOC	99000		63000		100000		17000	U	110000		47000		490000		6400	U	64000	
Fluorene	86-73-7	ppb-TOC	20000		23000	U	8300		17000	U	33000		12000		39000		6400	U	97000	U
Hexachlorobenzene	118-74-1	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	48000	U			8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-017		2008 CLRC-017		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-018		2008 CLRC-019	
		Sample Name	08A-017-C1_(9.5-11.5)_N		08A-017-C3_(1.5-2.5)_N		08A-018-C1_(1.5-2.5)_N		08A-018-C1_(11.5-13.5)_N		08A-018-C1_(3.5-5.5)_N		08A-018-C1_(5.5-7.5)_N		08A-018-C1_(7.5-9.5)_N		08A-018-C1_(9.5-11.5)_N		08A-019-C1_(3.5-5.27)_N	
		Date Collected	12/2/2008		12/2/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		11/10/2008		9/24/2008	
		Depth	9.5-11.5		1.5-2.5		1.5-2.5		11.5-13.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		3.5-5.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	27000		21000		37000		17000	U	29000		12000		150000		6400	U	97000	U
Isophorone	78-59-1	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
Naphthalene	91-20-3	ppb-TOC	45000		23000	U	12000		4500		29000		16000		52000		1000		97000	U
Nitrobenzene	98-95-3	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	48000	U	23000	U	2600		17000	U	21000		3000		9200	U	6400	U	97000	U
Pentachlorophenol	87-86-5	ppb-TOC	95000	U	46000	U	17000	U	34000	U	140000	U	4700	U	18000	U	13000	U	190000	U
Phenanthrene	85-01-8	ppb-TOC	82000		16000		43000		17000	U	82000		51000		320000		6400	U	35000	
Phenol	108-95-2	ppb-TOC	48000	U	23000	U	8700	U	17000	U	74000	U	2500	U	9200	U	6400	U	97000	U
Pyrene	129-00-0	ppb-TOC	88000		56000		96000		17000	U	98000		43000		460000		6400	U	69000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	470000		310000		410000		10000		460000		190000		650000		7200		220000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	90000		36000		61000		4500		110000		65000		140000		6400	U	35000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	560000		360000		480000		14000		580000		250000		810000		7200		270000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020	
		Sample Name	08A-019-D1_(0.07-0.16)_N		08A-019-D1_(0.16-0.33)_N		08A-019-D1_(0.33-0.98)_N		08A-019-D1_(0.98-1.97)_N		08A-019-D1_(0-0.07)_N		08A-020-C2_(1.5-2.5)_N		08A-020-C2_(3.5-5.5)_N		08A-020-C2_(5.5-7.5)_N		08A-020-C2_(5.5-7.5)_N	
		Date Collected	12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		11/4/2008		11/4/2008		11/4/2008		11/4/2008	
		Depth	0.1-0.2		0.2-0.3		0.3-1.0		1.0-2.0		0.0-0.1		1.5-2.5		3.5-5.5		5.5-7.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	18000	U	5800	U	11000	U	120000	U	8900	U							20000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	18000	U	5800	U	11000	U	120000	U	8900	U							20000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	44000	U	14000	U	28000	U	310000	U	22000	U							49000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	5900		3000	U	5800	U	61000	U	4600	U							10000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
2-Chlorophenol	95-57-8	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	5300		2300		2300		16000		3200		46000		15000				17000	
2-Methylphenol	95-48-7	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
2-Nitroaniline	88-74-4	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
2-Nitrophenol	88-75-5	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	18000	U	5800	U	11000	U	120000	U	8900	U							20000	U
3-Nitroaniline	99-09-2	ppb-TOC	18000	U	5800	U	11000	U	120000	U	8900	U							20000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	18000	U	5800	U	11000	U	120000	U	8900	U							20000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
4-Chloroaniline	106-47-8	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
4-Methylphenol	106-44-5	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
4-Nitroaniline	100-01-6	ppb-TOC	18000	U	5800	U	11000	U	120000	U	8900	U							20000	U
4-Nitrophenol	100-02-7	ppb-TOC	18000	U	5800	U	11000	U	120000	U	8900	U							20000	U
Acenaphthene	83-32-9	ppb-TOC	8900		3300		3400		7800		4200		4600		17000				17000	
Acenaphthylene	208-96-8	ppb-TOC	14000		9500		7000		5700		8200		5500		8400		8800			
Acetophenone	98-86-2	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
Anthracene	120-12-7	ppb-TOC	23000		13000		12000		20000		12000		21000		48000				42000	
Atrazine	1912-24-9	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
Benzaldehyde	100-52-7	ppb-TOC	2300		1600		1500		61000	U	2000								10000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	81000		51000		47000		45000		49000		38000		60000				62000	
Benzo(a)pyrene	50-32-8	ppb-TOC	78000		47000		46000		51000		46000		48000		64000				71000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	93000		39000		75000		65000		55000		44000		56000				55000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	51000		24000		32000		33000		33000		27000		33000				39000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	69000		43000		35000		55000		45000		52000		70000				74000	
Biphenyl	92-52-4	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	180000		46000		180000		2200000		110000								120000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	11000		6500		8400		33000		5700								10000	U
Caprolactam	105-60-2	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
Carbazole	86-74-8	ppb-TOC	6300		2000		4100		61000	U	3600								2600	
Chrysene	218-01-9	ppb-TOC	87000		55000		70000		69000		54000		50000		86000				85000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	17000		7700		9900		20000		9800		9200		10000				13000	
Dibenzofuran	132-64-9	ppb-TOC	2400		710		5800	U	61000	U	1600								3700	
Diethyl phthalate	84-66-2	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
Dimethylphthalate	131-11-3	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	9000	U	3000	U	5800	U	61000	U	2100								10000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	18000	U	5800	U	11000	U	120000	U	8900								10000	U
Fluoranthene	206-44-0	ppb-TOC	130000		100000		110000		92000		78000		84000		110000				130000	
Fluorene	86-73-7	ppb-TOC	8000		3400		4000		11000		5000		6300		24000				22000	
Hexachlorobenzene	118-74-1	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							2300	
Hexachlorobutadiene	87-68-3	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U

		Location ID	2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-019		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020	
		Sample Name	08A-019-D1_(0.07-0.16)_N		08A-019-D1_(0.16-0.33)_N		08A-019-D1_(0.33-0.98)_N		08A-019-D1_(0.98-1.97)_N		08A-019-D1_(0-0.07)_N		08A-020-C2_(1.5-2.5)_N		08A-020-C2_(3.5-5.5)_N		08A-020-C2_(5.5-7.5)_N		08A-020-C2_(5.5-7.5)_N	
		Date Collected	12/4/2008		12/4/2008		12/4/2008		12/4/2008		12/4/2008		11/4/2008		11/4/2008		11/4/2008		11/4/2008	
		Depth	0.1-0.2		0.2-0.3		0.3-1.0		1.0-2.0		0.0-0.1		1.5-2.5		3.5-5.5		5.5-7.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	45000		26000		28000		31000		28000		29000		36000				41000	
Isophorone	78-59-1	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
Naphthalene	91-20-3	ppb-TOC	11000		4400		5200		19000		6600		16000		25000				50000	
Nitrobenzene	98-95-3	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	9000	U	830		5800	U	61000	U	4600	U							10000	U
Pentachlorophenol	87-86-5	ppb-TOC	18000	U	5800	U	11000	U	120000	U	8900	U							20000	U
Phenanthrene	85-01-8	ppb-TOC	92000		36000		29000		47000		34000		40000		110000				100000	
Phenol	108-95-2	ppb-TOC	9000	U	3000	U	5800	U	61000	U	4600	U							10000	U
Pyrene	129-00-0	ppb-TOC	150000		89000		100000		92000		86000		84000		98000				98000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	780000		360000		550000		450000		480000								480000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	110000		49000		60000		24000		67000								130000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	890000		400000		610000		470000		540000								610000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021	
		Sample Name	08A-020-C2_(7.5-9.5)_N		08A-020-C2_(9.5-11.5)_N		08A-020-C3_(0.5-1.5)_N		08A-020-C3_(0-0.5)_N		08A-020-C3_(2.5-3.5)_N		08A-021-C1_(0.5-1.5)_N		08A-021-C1_(1.5-2.5)_N		08A-021-C1_(3.5-5.5)_N		08A-021-C1_(5.5-7.5)_N	
		Date Collected	11/4/2008		11/4/2008		11/4/2008		11/4/2008		11/4/2008		11/6/2008		11/6/2008		11/6/2008		11/6/2008	
		Depth	7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		2.5-3.5		0.5-1.5		1.5-2.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	19000	U	47000	U	14000	U	9800	U	250000	U			44000	U	43000	U	36000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	19000	U	47000	U	14000	U	9800	U	250000	U			44000	U	43000	U	36000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	48000	U	120000	U	34000	U	24000	U	610000	U			110000	U	110000	U	90000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
2-Chlorophenol	95-57-8	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	27000		94000		1400		980		130000	U	22000		17000		23000		20000	
2-Methylphenol	95-48-7	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
2-Nitroaniline	88-74-4	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
2-Nitrophenol	88-75-5	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	19000	U	47000	U	14000	U	9800	U	250000	U			44000	U	43000	U	36000	U
3-Nitroaniline	99-09-2	ppb-TOC	19000	U	47000	U	14000	U	9800	U	250000	U			44000	U	43000	U	36000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	19000	U	47000	U	14000	U	9800	U	250000	U			44000	U	43000	U	36000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
4-Chloroaniline	106-47-8	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
4-Methylphenol	106-44-5	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
4-Nitroaniline	100-01-6	ppb-TOC	19000	U	47000	U	14000	U	9800	U	250000	U			44000	U	43000	U	36000	U
4-Nitrophenol	100-02-7	ppb-TOC	19000	U	47000	U	14000	U	9800	U	250000	U			44000	U	43000	U	36000	U
Acenaphthene	83-32-9	ppb-TOC	37000		88000		1900		2200		130000	U	16000		33000		25000		25000	
Acenaphthylene	208-96-8	ppb-TOC	17000		47000		6100		5900		130000	U	10000		12000		12000		14000	
Acetophenone	98-86-2	ppb-TOC	10000	U	25000	U	7200	U	1200		130000	U			22000	U	22000	U	19000	U
Anthracene	120-12-7	ppb-TOC	79000		230000		7100		8700		80000		33000		110000		61000		50000	
Atrazine	1912-24-9	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
Benzaldehyde	100-52-7	ppb-TOC	10000	U	25000	U	7200	U	1200		130000	U			22000	U	22000	U	19000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	96000		230000		23000		30000		100000		39000		280000		74000		72000	
Benzo(a)pyrene	50-32-8	ppb-TOC	92000		260000		30000		33000		80000		41000		200000		74000		82000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	73000		190000		41000		54000		110000		31000		280000		60000		60000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	40000		100000		19000		24000		61000		22000		97000		38000		45000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	87000		240000		17000		19000		52000		43000		120000		74000		75000	
Biphenyl	92-52-4	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	4200		25000	U	150000		83000		3900000				1700000		650000		550000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	10000	U	25000	U	4100		2600		130000	U			7400		6500		19000	U
Caprolactam	105-60-2	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
Carbazole	86-74-8	ppb-TOC	2700		11000		2000		3900		130000	U			31000		22000	U	5100	
Chrysene	218-01-9	ppb-TOC	120000		320000		31000		41000		100000		46000		280000		92000		98000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	16000		38000		10000		10000		120000		7200		36000		11000		12000	
Dibenzofuran	132-64-9	ppb-TOC	6600		27000		7200	U	1300		130000	U			8700		22000	U	4700	
Diethyl phthalate	84-66-2	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
Dimethylphthalate	131-11-3	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	10000	U	25000	U	1900		5000	U	130000	U			22000	U	38000		19000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	10000	U	25000	U	7200	U	5000	U	39000				22000		110000		18000	
Fluoranthene	206-44-0	ppb-TOC	190000		410000		50000		76000		300000		93000		620000		130000		110000	
Fluorene	86-73-7	ppb-TOC	39000		130000		2500		3300		130000	U	17000		28000		36000		31000	
Hexachlorobenzene	118-74-1	ppb-TOC	10000	U	25000	U	7200	U	1100		130000	U			22000	U	22000	U	19000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-020		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		2008 CLRC-021	
		Sample Name	08A-020-C2_(7.5-9.5)_N		08A-020-C2_(9.5-11.5)_N		08A-020-C3_(0.5-1.5)_N		08A-020-C3_(0-0.5)_N		08A-020-C3_(2.5-3.5)_N		08A-021-C1_(0.5-1.5)_N		08A-021-C1_(1.5-2.5)_N		08A-021-C1_(3.5-5.5)_N		08A-021-C1_(5.5-7.5)_N	
		Date Collected	11/4/2008		11/4/2008		11/4/2008		11/4/2008		11/4/2008		11/6/2008		11/6/2008		11/6/2008		11/6/2008	
		Depth	7.5-9.5		9.5-11.5		0.5-1.5		0.0-0.5		2.5-3.5		0.5-1.5		1.5-2.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	46000		120000		19000		21000		140000		26000		97000		40000		45000	
Isophorone	78-59-1	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
Naphthalene	91-20-3	ppb-TOC	140000		210000		2000		1400		130000	U	33000		31000		100000		110000	
Nitrobenzene	98-95-3	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	6700		25000	U	7200	U	5000	U	130000	U			5100		22000	U	19000	U
Pentachlorophenol	87-86-5	ppb-TOC	19000	U	47000	U	14000	U	9800	U	250000	U			44000	U	43000	U	36000	U
Phenanthrene	85-01-8	ppb-TOC	170000		620000		16000		30000		130000		63000		310000		120000		130000	
Phenol	108-95-2	ppb-TOC	10000	U	25000	U	7200	U	5000	U	130000	U			22000	U	22000	U	19000	U
Pyrene	129-00-0	ppb-TOC	130000		320000		51000		65000		220000		80000		510000		120000		120000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	710000		1600000		300000		370000		1300000				2500000		430000		520000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	210000		850000		34000		52000		220000				510000		120000		160000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	920000		2400000		320000		430000		1500000				3100000		540000		680000	

		Location ID	2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		AK001		AK001		AK001		AK001		AK001		AK02SED087	
		Sample Name	08A-021-C1_(7.5-9.5)_N		08A-021-C1_(9.5-11.4)_N		08A-021-C2_(0-0.5)_N		6JMS00001		6JMS00002		6JMS00003		6JMS00004		6JMS00005		AK02SED087C-01	
		Date Collected	11/6/2008		11/6/2008		11/6/2008		9/22/1998		9/22/1998		9/22/1998		9/22/1998		9/22/1998		11/27/2007	
		Depth	7.5-9.5		9.5-11.4		0.0-0.5		0.0-1.6		1.6-2.0		2.0-3.3		3.3-4.3		4.3-6.2		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	5500	U	15000	U	4600	U											12000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	5500	U	15000	U	4600	U											12000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	11000	U	29000	U	9200	U											12000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	5500	U	15000	U	4600	U											12000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	5500	U	15000	U	4600	U											12000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	5500	U	15000	U	4600	U											12000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	11000	U	29000	U	9200	U											12000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	26000	U	73000	U	23000	U											24000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	5500	U	15000	U	4600	U											12000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	5500	U	15000	U	4600	U											12000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	5500	U	15000	U	4600	U											12000	U
2-Chlorophenol	95-57-8	ppb-TOC	5500	U	15000	U	4600	U											12000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	29000		55000		2100												2300	
2-Methylphenol	95-48-7	ppb-TOC	5500	U	15000	U	4600	U											12000	U
2-Nitroaniline	88-74-4	ppb-TOC	5500	U	15000	U	4600	U											24000	U
2-Nitrophenol	88-75-5	ppb-TOC	5500	U	15000	U	4600	U											12000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	11000	U	29000	U	9200	U											12000	U
3-Nitroaniline	99-09-2	ppb-TOC	11000	U	29000	U	9200	U											24000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	11000	U	29000	U	9200	U											24000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	5500	U	15000	U	4600	U											12000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	5500	U	15000	U	4600	U											12000	U
4-Chloroaniline	106-47-8	ppb-TOC	5500	U	15000	U	4600	U											2300	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	5500	U	15000	U	4600	U											12000	U
4-Methylphenol	106-44-5	ppb-TOC	2400		15000	U	4600	U											12000	U
4-Nitroaniline	100-01-6	ppb-TOC	11000	U	29000	U	9200	U											24000	U
4-Nitrophenol	100-02-7	ppb-TOC	11000	U	29000	U	9200	U											24000	U
Acenaphthene	83-32-9	ppb-TOC	25000		50000		5700		4500		22000		11000		3900		11000		1200	
Acenaphthylene	208-96-8	ppb-TOC	16000		21000		7700		1100		1200		2000		4200		3400		1700	
Acetophenone	98-86-2	ppb-TOC	5500	U	15000	U	4600	U											12000	U
Anthracene	120-12-7	ppb-TOC	55000		97000		15000		37000		85000		69000		14000		28000		7100	
Atrazine	1912-24-9	ppb-TOC	5500	U	15000	U	4600	U											610	U
Benzaldehyde	100-52-7	ppb-TOC	5500	U	15000	U	4600	U											2800	
Benzo(a)anthracene	56-55-3	ppb-TOC	86000		140000		45000		30000		50000		51000		28000		41000		22000	
Benzo(a)pyrene	50-32-8	ppb-TOC	93000		140000		45000		28000		35000		39000		26000		33000		28000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	73000		120000		56000												33000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	54000		73000		25000		18000		21000		22000		18000		19000		8700	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	98000		140000		22000												36000	
Biphenyl	92-52-4	ppb-TOC	1600		2600		4600	U	1800		3300		2700		1600		2700		12000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	5500	U	15000	U	4600	U											12000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	5500	U	15000	U	4600	U											12000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	28000		7800		61000												190000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	5500	U	15000	U	3700												24000	U
Caprolactam	105-60-2	ppb-TOC	5500	U	15000	U	4600	U											12000	U
Carbazole	86-74-8	ppb-TOC	4300		11000		3300												2000	
Chrysene	218-01-9	ppb-TOC	110000		190000		52000		43000		65000		65000		33000		55000		28000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	14000		22000		8000		4300		5300		5300		4200		5300		2500	
Dibenzofuran	132-64-9	ppb-TOC	4100		9400		2200												12000	U
Diethyl phthalate	84-66-2	ppb-TOC	1300		3400		4600	U											12000	U
Dimethylphthalate	131-11-3	ppb-TOC	5500	U	15000	U	4600	U											12000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	3400		15000	U	4600	U											12000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	5500	U	15000	U	3400												2200	
Fluoranthene	206-44-0	ppb-TOC	160000		290000		84000		68000		110000		84000		47000		94000		51000	
Fluorene	86-73-7	ppb-TOC	33000		73000		5200		7200		48000		20000		9400		17000		1300	
Hexachlorobenzene	118-74-1	ppb-TOC	5500	U	15000	U	4600	U											310	U
Hexachlorobutadiene	87-68-3	ppb-TOC	5500	U	15000	U	4600	U											12000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	5500	U	15000	U	4600	U												

		Location ID	2008 CLRC-021		2008 CLRC-021		2008 CLRC-021		AK001		AK001		AK001		AK001		AK001		AK02SED087	
		Sample Name	08A-021-C1_(7.5-9.5)_N		08A-021-C1_(9.5-11.4)_N		08A-021-C2_(0-0.5)_N		6JMS00001		6JMS00002		6JMS00003		6JMS00004		6JMS00005		AK02SED087C-01	
		Date Collected	11/6/2008		11/6/2008		11/6/2008		9/22/1998		9/22/1998		9/22/1998		9/22/1998		9/22/1998		11/27/2007	
		Depth	7.5-9.5		9.5-11.4		0.0-0.5		0.0-1.6		1.6-2.0		2.0-3.3		3.3-4.3		4.3-6.2		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	5500	U	15000	U	4600	U											12000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	54000		78000		23000		18000		19000		24000		18000		19000		7900	
Isophorone	78-59-1	ppb-TOC	5500	U	15000	U	4600	U											12000	U
Naphthalene	91-20-3	ppb-TOC	120000		200000		3600		9700		24000		24000		39000		23000		2800	
Nitrobenzene	98-95-3	ppb-TOC	5500	U	15000	U	4600	U											12000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	5500	U	15000	U	4600	U											12000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	5500	U	15000	U	1800												12000	U
Pentachlorophenol	87-86-5	ppb-TOC	11000	U	29000	U	9200	U											24000	U
Phenanthrene	85-01-8	ppb-TOC	160000		290000		37000		16000		170000		65000		31000		70000		11000	
Phenol	108-95-2	ppb-TOC	5500	U	15000	U	4600	U											12000	U
Pyrene	129-00-0	ppb-TOC	150000		250000		77000		87000		140000		110000		78000		95000		46000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	690000		1200000		440000												250000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	180000		370000		76000												28000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	860000		1500000		510000												280000	

		Location ID	AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087	
		Sample Name	AK02SED087C-02		AK02SED087C-03		AK02SED087C-04		AK02SED087C-05		AK02SED087C-06		AK02SED087C-07		AK02SED087C-08		AK02SED087C-09		AK02SED087C-10	
		Date Collected	11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-14.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	6100		99000		11000		3800	
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	21000	U	24000	U	22000	U	28000	U	24000	U	36000	U	42000	U	46000	U	54000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
2-Chlorophenol	95-57-8	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	2700		7700		3500		4200		7300		42000		96000		120000		26000	
2-Methylphenol	95-48-7	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
2-Nitroaniline	88-74-4	ppb-TOC	21000	U	24000	U	22000	U	28000	U	24000	U	36000	U	42000	U	46000	U	54000	U
2-Nitrophenol	88-75-5	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
3-Nitroaniline	99-09-2	ppb-TOC	21000	U	24000	U	22000	U	28000	U	24000	U	36000	U	42000	U	46000	U	54000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	21000	U	24000	U	22000	U	28000	U	24000	U	36000	U	42000	U	46000	U	54000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
4-Chloroaniline	106-47-8	ppb-TOC	3300		6700		5500		6200		12000		8100		25000		23000	U	28000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
4-Methylphenol	106-44-5	ppb-TOC	10000	U	12000	U	1400		15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
4-Nitroaniline	100-01-6	ppb-TOC	21000	U	24000	U	22000	U	28000	U	24000	U	36000	U	42000	U	46000	U	54000	U
4-Nitrophenol	100-02-7	ppb-TOC	21000	U	24000	U	22000	U	28000	U	24000	U	36000	U	42000	U	46000	U	54000	U
Acenaphthene	83-32-9	ppb-TOC	2700		5300		2600		5400		9500		52000		36000		250000		570000	
Acenaphthylene	208-96-8	ppb-TOC	1900		3300		2200		3600		2000		4900		9200		7400		7100	
Acetophenone	98-86-2	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
Anthracene	120-12-7	ppb-TOC	9400		18000		11000		14000		15000		18000	U	320000		480000		600000	
Atrazine	1912-24-9	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
Benzaldehyde	100-52-7	ppb-TOC	1800		12000	U	1500		15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	22000		81000		20000		26000		22000		120000		47000		180000		380000	
Benzo(a)pyrene	50-32-8	ppb-TOC	27000		45000		24000		27000		22000		96000		32000		120000		290000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	33000		93000		31000		36000		29000		110000		35000		140000		360000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	7800		23000		8800		8500		8200		47000		13000		34000		73000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	33000		72000		35000		32000		22000		96000		32000		110000		250000	
Biphenyl	92-52-4	ppb-TOC	10000	U	12000	U	11000	U	1500		2200		10000		45000		44000		22000	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	310000		740000		730000		570000		1300000		1400000		1000000		97000		28000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	10000	U	11000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
Caprolactam	105-60-2	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
Carbazole	86-74-8	ppb-TOC	2000		9300		11000	U	2800		2700		38000		18000		94000		360000	
Chrysene	218-01-9	ppb-TOC	29000		120000		31000		38000		31000		140000		68000		210000		390000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	2500		8100		2400		2100		2000		12000		3500		11000		25000	
Dibenzofuran	132-64-9	ppb-TOC	1600		3100		2400		3600		6600		47000		40000		190000		600000	
Diethyl phthalate	84-66-2	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
Dimethylphthalate	131-11-3	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	1700		12000	U	11000	U	5300		13000	U	18000	U	21000	U	23000	U	28000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	2200		7700		6900		15000		15000		34000		40000		3900		28000	U
Fluoranthene	206-44-0	ppb-TOC	63000		480000		75000		89000		75000		320000		220000		580000		1400000	
Fluorene	86-73-7	ppb-TOC	4500		8100		4900		7300		11000		67000		68000		180000		130000	
Hexachlorobenzene	118-74-1	ppb-TOC	290	U	2900	U	350	U	500		440		7400		110000		11000		5700	
Hexachlorobutadiene	87-68-3	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

		Location ID	AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087	
		Sample Name	AK02SED087C-02		AK02SED087C-03		AK02SED087C-04		AK02SED087C-05		AK02SED087C-06		AK02SED087C-07		AK02SED087C-08		AK02SED087C-09		AK02SED087C-10	
		Date Collected	11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-14.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	7600		23000		7500		7100		6400		27000		13000		34000		74000	
Isophorone	78-59-1	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
Naphthalene	91-20-3	ppb-TOC	3300		4300		4700		9900		20000		140000		640000		370000		54000	
Nitrobenzene	98-95-3	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	29000		21000	U	23000	U	28000	U
Pentachlorophenol	87-86-5	ppb-TOC	600	U	5500	U	690	U	710	U	600	U	4200	U	8400	U	4600	U	4400	U
Phenanthrene	85-01-8	ppb-TOC	27000		110000		31000		34000		33000		18000	U	240000		720000		2300000	
Phenol	108-95-2	ppb-TOC	10000	U	12000	U	11000	U	15000	U	13000	U	18000	U	21000	U	23000	U	28000	U
Pyrene	129-00-0	ppb-TOC	40000		260000		51000		58000		59000		230000		170000		410000		790000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	270000		1200000		290000		330000		270000		1200000		640000		1800000		3900000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	51000		160000		59000		78000		97000		310000		1400000		2100000		3600000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	310000		1400000		350000		400000		370000		1500000		2100000		3900000		7700000	

		Location ID	AK999		AK999		AKA07		ARK07		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED083	
		Sample Name	1JMS00115		1JMS00158		1JMS00008		1JMS00151		ER02SED083G-01		ER02SED083G-02		ER02SED083G-03		ER02SED083G-04		ER02SED083G-05	
		Date Collected	6/23/2000		8/30/2000		7/13/1999		8/30/2000		12/3/2007		12/3/2007		12/3/2007		12/3/2007		12/3/2007	
		Depth	0.0-0.3		0.0-0.3		0.0-0.3		0.0-0.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
2,4-Dichlorophenol	120-83-2	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
2,4-Dimethylphenol	105-67-9	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
2,4-Dinitrophenol	51-28-5	ppb-TOC									10000	U	38000	U	35000	U	14000	U	19000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
2-Chloronaphthalene	91-58-7	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
2-Chlorophenol	95-57-8	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
2-Methylnaphthalene	91-57-6	ppb-TOC	3600		5300		4600		8500		1900		7200		3800		16000		550	
2-Methylphenol	95-48-7	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
2-Nitroaniline	88-74-4	ppb-TOC									10000	U	38000	U	35000	U	14000	U	19000	U
2-Nitrophenol	88-75-5	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
3-Nitroaniline	99-09-2	ppb-TOC									10000	U	38000	U	35000	U	14000	U	19000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC									10000	U	38000	U	35000	U	14000	U	19000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
4-Chloroaniline	106-47-8	ppb-TOC									5200	U	9700		6900		7400	U	9700	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
4-Methylphenol	106-44-5	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
4-Nitroaniline	100-01-6	ppb-TOC									10000	U	38000	U	35000	U	14000	U	19000	U
4-Nitrophenol	100-02-7	ppb-TOC									10000	U	38000	U	35000	U	14000	U	19000	U
Acenaphthene	83-32-9	ppb-TOC	970		1500		1500		3400		3600		45000		14000		59000		3800	
Acenaphthylene	208-96-8	ppb-TOC	2000		2300		6200		4200		2100		4700		3000		9500		150	
Acetophenone	98-86-2	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
Anthracene	120-12-7	ppb-TOC	5400		7400		9600		19000		17000		50000		19000		65000		1300	
Atrazine	1912-24-9	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
Benzaldehyde	100-52-7	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
Benzo(a)anthracene	56-55-3	ppb-TOC	14000		19000		18000		42000		45000		86000		52000		83000		2200	
Benzo(a)pyrene	50-32-8	ppb-TOC	18000		9200		26000		42000		35000		75000		55000		65000		2000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	28000		42000		17000		73000		49000		88000		72000		70000		2000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	13000		19000		15000		30000		24000		20000		16000		15000		1600	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	8800		12000		19000		22000		27000		84000		60000		70000		1800	
Biphenyl	92-52-4	ppb-TOC	940		2000		1400		3000		550		20000	U	17000	U	2900		9700	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC									130000		790000		750000		140000		8700	
Butyl benzyl phthalate	85-68-7	ppb-TOC									7500		3400		3000		7400	U	9700	U
Caprolactam	105-60-2	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
Carbazole	86-74-8	ppb-TOC									1800		6300		4900		5700		9700	U
Chrysene	218-01-9	ppb-TOC	12000		15000		26000		42000		46000		99000		66000		91000		2600	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	2000		3700		4300		4600		7300		14000		4400		11000		350	
Dibenzofuran	132-64-9	ppb-TOC									1700		4300		2400		9100		9700	U
Diethyl phthalate	84-66-2	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
Dimethylphthalate	131-11-3	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
Di-n-Butylphthalate	84-74-2	ppb-TOC									920		20000	U	17000	U	7400	U	9700	U
Di-n-Octylphthalate	117-84-0	ppb-TOC									2400		13000		14000		4400		9700	U
Fluoranthene	206-44-0	ppb-TOC	33000		39000		37000		85000		55000		360000		200000		240000		8700	
Fluorene	86-73-7	ppb-TOC	2000		1500		1700		4600		2700		23000		8500		14000		330	
Hexachlorobenzene	118-74-1	ppb-TOC									670	U	1500	U	680	U	1400	U	190	U
Hexachlorobutadiene	87-68-3	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC									5200	U	20000	U	17000	U	7400	U		

		Location ID	AK999		AK999		AKA07		ARK07		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED083	
		Sample Name	1JMS00115		1JMS00158		1JMS00008		1JMS00151		ER02SED083G-01		ER02SED083G-02		ER02SED083G-03		ER02SED083G-04		ER02SED083G-05	
		Date Collected	6/23/2000		8/30/2000		7/13/1999		8/30/2000		12/3/2007		12/3/2007		12/3/2007		12/3/2007		12/3/2007	
		Depth	0.0-0.3		0.0-0.3		0.0-0.3		0.0-0.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	12000		16000		13000		32000		20000		18000		15000		15000		1200	
Isophorone	78-59-1	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
Naphthalene	91-20-3	ppb-TOC	7400		9200		9000		17000		2500		11000		7700		25000		1600	
Nitrobenzene	98-95-3	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
Pentachlorophenol	87-86-5	ppb-TOC									1400	U	3100	U	1400	U	3000	U	380	U
Phenanthrene	85-01-8	ppb-TOC	11000		15000		9000		39000		6700		120000		55000		150000		1200	
Phenol	108-95-2	ppb-TOC									5200	U	20000	U	17000	U	7400	U	9700	U
Pyrene	129-00-0	ppb-TOC	37000		46000		56000		85000		75000		180000		110000		160000		6200	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	180000		220000		230000		460000		390000		1000000		660000		820000		29000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	33000		42000		40000		97000		36000		270000		110000		330000		9000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	210000		250000		270000		540000		420000		1300000		770000		1200000		38000	

		Location ID	ER02SED083		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084	
		Sample Name	ER02SED083G-06		ER02SED084D-01		ER02SED084D-02		ER02SED084D-03		ER02SED084D-04		ER02SED084D-05		ER02SED084D-06		ER02SED084D-07		ER02SED084D-07	
		Date Collected	12/3/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007	
		Depth	5.5-7.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	97000	U	9400	U	19000	U	9700	U	26000	U	28000	U	25000	U			26000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
2-Chlorophenol	95-57-8	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	970	U	390		4800		1400		330000		280000		240000				360000	
2-Methylphenol	95-48-7	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
2-Nitroaniline	88-74-4	ppb-TOC	97000	U	9400	U	19000	U	9700	U	26000	U	28000	U	25000	U			26000	U
2-Nitrophenol	88-75-5	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
3-Nitroaniline	99-09-2	ppb-TOC	97000	U	9400	U	19000	U	9700	U	26000	U	28000	U	25000	U			26000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	97000	U	9400	U	19000	U	9700	U	26000	U	28000	U	25000	U			26000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
4-Chloroaniline	106-47-8	ppb-TOC	970	U	4800	U	4700		3700		16000		19000		13000	U			14000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
4-Methylphenol	106-44-5	ppb-TOC	51000	U	4800	U	1300		4900	U	14000	U	2200		13000	U			14000	U
4-Nitroaniline	100-01-6	ppb-TOC	97000	U	9400	U	19000	U	9700	U	26000	U	28000	U	25000	U			26000	U
4-Nitrophenol	100-02-7	ppb-TOC	97000	U	9400	U	19000	U	9700	U	26000	U	28000	U	25000	U			26000	U
Acenaphthene	83-32-9	ppb-TOC	320		2100		21000		33000		160000		170000		350000				240000	
Acenaphthylene	208-96-8	ppb-TOC	970	U	560		1900		2400		7600		9300		16000				2200	
Acetophenone	98-86-2	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			2700	
Anthracene	120-12-7	ppb-TOC	460		3900		20000		26000		95000		120000		270000				98000	
Atrazine	1912-24-9	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
Benzaldehyde	100-52-7	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	420		18000		44000		28000		88000		120000		210000				23000	
Benzo(a)pyrene	50-32-8	ppb-TOC	1800	U	21000		44000		26000		83000		110000		140000				18000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	530		26000		67000		26000		81000		120000		150000				10000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	250		6500		16000		8300		26000		30000		120000				9200	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	460		27000		49000		32000		88000		100000		86000				12000	
Biphenyl	92-52-4	ppb-TOC	51000	U	4800	U	9700	U	500		2200		10000		17000				41000	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	7200		78000		200000		140000		310000		380000		330000				14000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	51000	U	2100		5400		2600		3800		6300		13000	U			1500	
Caprolactam	105-60-2	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
Carbazole	86-74-8	ppb-TOC	51000	U	1500		4300		2100		10000		12000		21000				6700	
Chrysene	218-01-9	ppb-TOC	460		26000		58000		34000		100000		140000		240000				24000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	970	U	1700		4400		2300		7800		8600		29000				2900	
Dibenzofuran	132-64-9	ppb-TOC	51000	U	780		4800		5700		33000		33000		65000				23000	
Diethyl phthalate	84-66-2	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
Dimethylphthalate	131-11-3	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	51000	U	600		9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	51000	U	4400		15000		4200		11000		13000		7600		15000	U		
Fluoranthene	206-44-0	ppb-TOC	1200		49000		110000		69000		260000		300000		670000				100000	
Fluorene	86-73-7	ppb-TOC	970	U	1600		5800		9700		95000		93000		190000				120000	
Hexachlorobenzene	118-74-1	ppb-TOC	970	U	220	U	630	U	390	U	1300	U	1400	U	1600	U			1700	U
Hexachlorobutadiene	87-68-3	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	51000	U	4800	U									13000	U			14000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	ER02SED083		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084	
		Sample Name	ER02SED083G-06		ER02SED084D-01		ER02SED084D-02		ER02SED084D-03		ER02SED084D-04		ER02SED084D-05		ER02SED084D-06		ER02SED084D-07		ER02SED084D-07	
		Date Collected	12/3/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007	
		Depth	5.5-7.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	230		7000		15000		8300		26000		30000		100000				8800	
Isophorone	78-59-1	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
Naphthalene	91-20-3	ppb-TOC	51000	U	610		3200		4300		330000		280000		330000				380000	
Nitrobenzene	98-95-3	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	51000	U	860		9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
Pentachlorophenol	87-86-5	ppb-TOC	2000	U	440	U	1300	U	830	U	1000		880		25000	U			3400	U
Phenanthrene	85-01-8	ppb-TOC	740		14000		47000		52000		400000		430000		790000				390000	
Phenol	108-95-2	ppb-TOC	51000	U	4800	U	9700	U	4900	U	14000	U	15000	U	13000	U			14000	U
Pyrene	129-00-0	ppb-TOC	1500	U	35000		110000		69000		260000		280000		410000				97000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	3500		220000		530000		300000		1000000		1200000		2200000				300000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	1500		23000		100000		130000		1400000		1400000		2200000				1600000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	5100		240000		620000		430000		2400000		2500000		4300000				1900000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	ER02SED084		G0000056		G0000175		G0000177		G0000178		G0000179		G0000180		G0000180		G0000181	
		Sample Name	ER02SED084D-08		LPRP-SCSH-PSR-001597		LPRP-SCSH-PSR-001678		LPRP-SCSH-PSR-001683		LPRP-SCSH-PSR-001685		LPRP-SCSH-PSR-001687		LPRP-SCSH-PSR-001690		LPRP-SCSH-PSR-001691		LPRP-SCSH-PSR-001692	
		Date Collected	11/30/2007		12/11/2007		6/10/2008		6/10/2008		6/10/2008		6/10/2008		6/9/2008		6/9/2008		6/9/2008	
		Depth	9.5-11.5		0.0-0.1		0.0-0.1		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.1	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	91000	U																
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	91000	U																
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	91000	U																
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	91000	U																
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	91000	U																
2,4-Dichlorophenol	120-83-2	ppb-TOC	91000	U																
2,4-Dimethylphenol	105-67-9	ppb-TOC	91000	U																
2,4-Dinitrophenol	51-28-5	ppb-TOC	170000	U																
2,4-Dinitrotoluene	121-14-2	ppb-TOC	91000	U																
2,6-Dinitrotoluene	606-20-2	ppb-TOC	91000	U																
2-Chloronaphthalene	91-58-7	ppb-TOC	91000	U																
2-Chlorophenol	95-57-8	ppb-TOC	91000	U																
2-Methylnaphthalene	91-57-6	ppb-TOC	5600		6100		5200		5700		8300		2800		12000		7200		3700	
2-Methylphenol	95-48-7	ppb-TOC	91000	U																
2-Nitroaniline	88-74-4	ppb-TOC	170000	U																
2-Nitrophenol	88-75-5	ppb-TOC	91000	U																
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	91000	U																
3-Nitroaniline	99-09-2	ppb-TOC	170000	U																
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	170000	U																
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	91000	U																
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	91000	U																
4-Chloroaniline	106-47-8	ppb-TOC	91000	U																
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	91000	U																
4-Methylphenol	106-44-5	ppb-TOC	91000	U																
4-Nitroaniline	100-01-6	ppb-TOC	170000	U																
4-Nitrophenol	100-02-7	ppb-TOC	170000	U																
Acenaphthene	83-32-9	ppb-TOC	3800		5500		6200		4600		6100		2000		11000		7400		3400	
Acenaphthylene	208-96-8	ppb-TOC	1700	U	7400		7200		7300		7800		1600		12000		8200		6400	
Acetophenone	98-86-2	ppb-TOC	91000	U																
Anthracene	120-12-7	ppb-TOC	820		19000		15000		16000		11000		3500		24000		21000		9100	
Atrazine	1912-24-9	ppb-TOC	91000	U																
Benzaldehyde	100-52-7	ppb-TOC	91000	U																
Benzo(a)anthracene	56-55-3	ppb-TOC	470		55000		71000		45000		41000		13000		64000		52000		37000	
Benzo(a)pyrene	50-32-8	ppb-TOC	3300	U	71000		82000		62000		53000		15000		76000		64000		44000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	690																	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	1700	U	45000		53000		39000		37000		9900		49000		40000		30000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	600		65000		80000		60000		50000		13000		72000		56000		43000	
Biphenyl	92-52-4	ppb-TOC	91000	U	2100		1400		2100		2000		750		3000		2000		1000	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	91000	U																
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	91000	U																
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	91000	U																
Butyl benzyl phthalate	85-68-7	ppb-TOC	91000	U																
Caprolactam	105-60-2	ppb-TOC	91000	U																
Carbazole	86-74-8	ppb-TOC	91000	U																
Chrysene	218-01-9	ppb-TOC	560		77000		100000		60000		63000		17000		85000		69000		52000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	1700	U	13000		14000		13000		9700		2700		15000		11000		7400	
Dibenzofuran	132-64-9	ppb-TOC	91000	U																
Diethyl phthalate	84-66-2	ppb-TOC	91000	U																
Dimethylphthalate	131-11-3	ppb-TOC	91000	U																
Di-n-Butylphthalate	84-74-2	ppb-TOC	91000	U																
Di-n-Octylphthalate	117-84-0	ppb-TOC	91000	U																
Fluoranthene	206-44-0	ppb-TOC	1600		110000		150000		91000		95000		27000		130000		110000		78000	
Fluorene	86-73-7	ppb-TOC	560		4500		4700		3800		3700		1300		6200		5200		2500	
Hexachlorobenzene	118-74-1	ppb-TOC	1700	U																
Hexachlorobutadiene	87-68-3	ppb-TOC	91000	U																
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	91000	U																

		Location ID	ER02SED084		G0000056		G0000175		G0000177		G0000178		G0000179		G0000180		G0000180		G0000181	
		Sample Name	ER02SED084D-08		LPRP-SCSH-PSR-001597		LPRP-SCSH-PSR-001678		LPRP-SCSH-PSR-001683		LPRP-SCSH-PSR-001685		LPRP-SCSH-PSR-001687		LPRP-SCSH-PSR-001690		LPRP-SCSH-PSR-001691		LPRP-SCSH-PSR-001692	
		Date Collected	11/30/2007		12/11/2007		6/10/2008		6/10/2008		6/10/2008		6/10/2008		6/9/2008		6/9/2008		6/9/2008	
		Depth	9.5-11.5		0.0-0.1		0.0-0.1		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.1	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	91000	U																
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	1700	U	46000		56000		40000		37000		10000		50000		41000		30000	
Isophorone	78-59-1	ppb-TOC	91000	U																
Naphthalene	91-20-3	ppb-TOC	11000		14000		9900		18000		20000		6900		48000		33000		7500	
Nitrobenzene	98-95-3	ppb-TOC	91000	U																
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	91000	U																
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	91000	U																
Pentachlorophenol	87-86-5	ppb-TOC	3500	U																
Phenanthrene	85-01-8	ppb-TOC	1600		46000		60000		33000		36000		8900		49000		46000		28000	
Phenol	108-95-2	ppb-TOC	91000	U																
Pyrene	129-00-0	ppb-TOC			110000		150000		100000		90000		29000		120000		100000		76000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	4000																	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	23000		100000		110000		89000		93000		27000		160000		130000		61000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	27000																	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	G0000181		G0000183		G0000185		G0000187		G0000188		G0000191		HKA05		HR01SED067		HR01SED067	
		Sample Name	LPRP-SCSH-PSR-001693		LPRP-SCSH-PSR-001697		LPRP-SCSH-PSR-001702		LPRP-SCSH-PSR-001707		LPRP-SCSH-PSR-001709		LPRP-SCSH-PSR-001715		1JMS00003		HR01SED067B-01		HR01SED067B-02	
		Date Collected	6/9/2008		6/9/2008		6/9/2008		6/10/2008		6/10/2008		6/10/2008		7/13/1999		12/1/2005		12/1/2005	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC															5500	U	6200	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC															5500	U	6200	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC															5500	U	6200	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC															5500	U	6200	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC															5500	U	6200	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC															5500	U	6200	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC															5500	U	6200	U
2,4-Dichlorophenol	120-83-2	ppb-TOC															5500	U	6200	U
2,4-Dimethylphenol	105-67-9	ppb-TOC															5500	U	6200	U
2,4-Dinitrophenol	51-28-5	ppb-TOC															27000	U	30000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC															5500	U	6200	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC															5500	U	6200	U
2-Chloronaphthalene	91-58-7	ppb-TOC															5500	U	6200	U
2-Chlorophenol	95-57-8	ppb-TOC															5500	U	6200	U
2-Methylnaphthalene	91-57-6	ppb-TOC	4800		6900		5300		9500		7800		18000		17000		5500	U	6200	U
2-Methylphenol	95-48-7	ppb-TOC															5500	U	6200	U
2-Nitroaniline	88-74-4	ppb-TOC															5500	U	6200	U
2-Nitrophenol	88-75-5	ppb-TOC															5500	U	6200	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC															11000	U	12000	U
3-Nitroaniline	99-09-2	ppb-TOC															11000	U	12000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC															16000	U	18000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC															5500	U	6200	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC															5500	U	6200	U
4-Chloroaniline	106-47-8	ppb-TOC															5500	U	6200	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC															5500	U	6200	U
4-Methylphenol	106-44-5	ppb-TOC															5500	U	6200	U
4-Nitroaniline	100-01-6	ppb-TOC															11000	U	12000	U
4-Nitrophenol	100-02-7	ppb-TOC															16000	U	18000	U
Acenaphthene	83-32-9	ppb-TOC	4100		4900		3400		5700		6500		8100		26000		5500	U	6200	U
Acenaphthylene	208-96-8	ppb-TOC	4800		7800		6000		8600		12000		19000		61000		1400		6200	U
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	9500		16000		12000		14000		22000		29000		120000		2100		6200	U
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	38000		58000		42000		54000		82000		93000		320000		3900		6200	U
Benzo(a)pyrene	50-32-8	ppb-TOC	51000		80000		58000		73000		120000		150000		340000		4700		6200	U
Benzo(b)fluoranthene	205-99-2	ppb-TOC													260000		5700		6200	U
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	37000		52000		40000		50000		66000		82000		190000		2700		6200	U
Benzo(k)fluoranthene	207-08-9	ppb-TOC	49000		76000		58000		69000		94000		120000		290000		2000		6200	U
Biphenyl	92-52-4	ppb-TOC	1500		2300		1900		2800		2600		4500		4600					
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC															5500	U	6200	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC															5500	U	6200	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC															6400		12000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC															5500	U	6200	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC															5500	U	6200	U
Chrysene	218-01-9	ppb-TOC	60000		80000		62000		78000		110000		120000		360000		4800		6200	U
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	9700		14000		11000		14000		21000		24000		43000		5500	U	6200	U
Dibenzofuran	132-64-9	ppb-TOC															5500	U	6200	U
Diethyl phthalate	84-66-2	ppb-TOC															5500	U	6200	U
Dimethylphthalate	131-11-3	ppb-TOC															5500	U	6200	U
Di-n-Butylphthalate	84-74-2	ppb-TOC															5500	U	6200	U
Di-n-Octylphthalate	117-84-0	ppb-TOC															5500	U	6200	U
Fluoranthene	206-44-0	ppb-TOC	90000		120000		96000		130000		130000		130000		500000		7300		6200	U
Fluorene	86-73-7	ppb-TOC	3400		4600		3200		4200		4900		6200		17000		5500	U	6200	U
Hexachlorobenzene	118-74-1	ppb-TOC															5500	U	6200	U
Hexachlorobutadiene	87-68-3	ppb-TOC															5500	U	6200	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC															16000	U	18000	U

		Location ID	G0000181		G0000183		G0000185		G0000187		G0000188		G0000191		HKA05		HR01SED067		HR01SED067	
		Sample Name	LPRP-SCSH-PSR-001693		LPRP-SCSH-PSR-001697		LPRP-SCSH-PSR-001702		LPRP-SCSH-PSR-001707		LPRP-SCSH-PSR-001709		LPRP-SCSH-PSR-001715		1JMS00003		HR01SED067B-01		HR01SED067B-02	
		Date Collected	6/9/2008		6/9/2008		6/9/2008		6/10/2008		6/10/2008		6/10/2008		7/13/1999		12/1/2005		12/1/2005	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC															5500	U	6200	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	37000		53000		41000		51000		68000		79000		210000		2500		6200	U
Isophorone	78-59-1	ppb-TOC															5500	U	6200	U
Naphthalene	91-20-3	ppb-TOC	10000		16000		9900		24000		32000		56000		100000		1700		6200	U
Nitrobenzene	98-95-3	ppb-TOC															5500	U	6200	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC															5500	U	6200	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC															5500	U	6200	U
Pentachlorophenol	87-86-5	ppb-TOC															16000	U	18000	U
Phenanthrene	85-01-8	ppb-TOC	34000		48000		33000		42000		45000		48000		130000		3600		6200	U
Phenol	108-95-2	ppb-TOC															5500	U	6200	U
Pyrene	129-00-0	ppb-TOC	91000		130000		99000		130000		130000		170000		500000		6600		6200	U
Total HMW PAHs-SVOC	No CAS	ppb-TOC													3000000		40000		6200	U
Total LMW PAHs-SVOC	No CAS	ppb-TOC	71000		100000		73000		110000		130000		180000		470000		8800		6200	U
TOTAL PAHs - SVOC	No CAS	ppb-TOC													3500000		49000		6200	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED069		HR01SED069		HR02SED103		HRRISED003		HRRISED003	
		Sample Name	HR01SED067B-03		HR01SED067B-04		HR01SED067B-05		HR01SED067B-06		HR01SED069C-01		HR01SED069C-02		HR02SED103E-01		HRRISED003C-01		HRRISED003C-02	
		Date Collected	12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/13/2007		10/25/2006		10/25/2006	
		Depth	1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.0-0.5		0.5-2.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC													32000	U				
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U			190000	U	60000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U			190000	U	60000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U			190000	U	60000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U			7400		4100	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC													32000	U				
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	28000	U	49000	U	52000	U	44000	U	140000	U	280000	U	61000	U	950000	U	290000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
2-Chlorophenol	95-57-8	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	5800	U	9900	U	10000	U	9000	U	16000		58000	U	7800		17000		11000	
2-Methylphenol	95-48-7	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
2-Nitroaniline	88-74-4	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	61000	U	950000	U	290000	U
2-Nitrophenol	88-75-5	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	11000	U	19000	U	20000	U	18000	U	59000	U	110000	U	32000	U	950000	U	290000	U
3-Nitroaniline	99-09-2	ppb-TOC	11000	U	19000	U	20000	U	18000	U	59000	U	110000	U	61000	U	950000	U	290000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	17000	U	30000	U	30000	U	26000	U	90000	U	170000	U	61000	U	950000	U	290000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
4-Chloroaniline	106-47-8	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
4-Methylphenol	106-44-5	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U				
4-Nitroaniline	100-01-6	ppb-TOC	11000	U	19000	U	20000	U	18000	U	59000	U	110000	U	61000	U	950000	U	290000	U
4-Nitrophenol	100-02-7	ppb-TOC	17000	U	30000	U	30000	U	26000	U	90000	U	170000	U	61000	U	950000	U	290000	U
Acenaphthene	83-32-9	ppb-TOC	5800	U	9900	U	10000	U	9000	U	120000		58000	U	30000		48000		19000	
Acenaphthylene	208-96-8	ppb-TOC	5800	U	9900	U	10000	U	9000	U	160000		58000	U	36000		95000		22000	
Acetophenone	98-86-2	ppb-TOC													32000	U				
Anthracene	120-12-7	ppb-TOC	5800	U	9900	U	10000	U	9000	U	320000		58000	U	87000		140000		59000	
Atrazine	1912-24-9	ppb-TOC													32000	U				
Benzaldehyde	100-52-7	ppb-TOC													32000	U				
Benzo(a)anthracene	56-55-3	ppb-TOC	5800	U	9900	U	10000	U	9000	U	620000		12000		290000		530000		220000	
Benzo(a)pyrene	50-32-8	ppb-TOC	5800	U	9900	U	10000	U	9000	U	530000		13000		340000		520000		190000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	5800	U	9900	U	10000	U	9000	U	570000		12000		240000		580000		220000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	5800	U	9900	U	10000	U	9000	U	270000		58000	U	77000		180000		91000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	5800	U	9900	U	10000	U	9000	U	310000		58000	U	340000		210000		84000	
Biphenyl	92-52-4	ppb-TOC													32000	U				
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	11000	U	19000	U	20000	U	18000	U	19000		110000	U	90000		89000		48000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	5800	U	6900		10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	3700	
Caprolactam	105-60-2	ppb-TOC													32000	U				
Carbazole	86-74-8	ppb-TOC	5800	U	9900	U	10000	U	9000	U	17000		58000	U	5000		13000		5200	
Chrysene	218-01-9	ppb-TOC	5800	U	9900	U	10000	U	9000	U	500000		58000	U	300000		440000		220000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	5800	U	9900	U	10000	U	9000	U	87000		58000	U	32000		58000		26000	
Dibenzofuran	132-64-9	ppb-TOC	5800	U	9900	U	10000	U	9000	U	39000		58000	U	13000		26000		19000	
Diethyl phthalate	84-66-2	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
Dimethylphthalate	131-11-3	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
Fluoranthene	206-44-0	ppb-TOC	5800	U	9900	U	10000	U	9000	U	990000		24000		420000		1400000		440000	
Fluorene	86-73-7	ppb-TOC	5800	U	9900	U	10000	U	9000	U	81000		58000	U	17000		40000		16000	
Hexachlorobenzene	118-74-1	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	1700	U	190000	U	60000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	17000	U	30000	U			26000	U	90000	U	170000	U			950000	U	290000	U

		Location ID	HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED069		HR01SED069		HR02SED103		HRRISED003		HRRISED003	
		Sample Name	HR01SED067B-03		HR01SED067B-04		HR01SED067B-05		HR01SED067B-06		HR01SED069C-01		HR01SED069C-02		HR02SED103E-01		HRRISED003C-01		HRRISED003C-02	
		Date Collected	12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/13/2007		10/25/2006		10/25/2006	
		Depth	1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.0-0.5		0.5-2.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	5800	U	9900	U	10000	U	9000	U	270000		58000	U	98000		180000		83000	
Isophorone	78-59-1	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
Naphthalene	91-20-3	ppb-TOC	5800	U	9900	U	10000	U	9000	U	42000		58000	U	24000		140000		89000	
Nitrobenzene	98-95-3	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
Pentachlorophenol	87-86-5	ppb-TOC	17000	U	30000	U	30000	U	26000	U	90000	U	170000	U	3600	U	950000	U	290000	U
Phenanthrene	85-01-8	ppb-TOC	5800	U	9900	U	10000	U	9000	U	490000		58000	U	160000		260000		46000	
Phenol	108-95-2	ppb-TOC	5800	U	9900	U	10000	U	9000	U	30000	U	58000	U	32000	U	190000	U	60000	U
Pyrene	129-00-0	ppb-TOC	5800	U	9900	U	10000	U	9000	U	730000		18000		530000		1200000		390000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	5800	U	9900	U	10000	U	9000	U	4900000		80000		2600000		5300000		1900000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	5800	U	9900	U	10000	U	9000	U	1200000		58000	U	360000		740000		260000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	5800	U	9900	U	10000	U	9000	U	6100000		80000		3000000		5800000		2300000	

		Location ID	HRRISED003		HRRISED004		HRRISED004		HRRISED005		HRRISED005		HRRISED005		HRRISED005		HRRISED005		HRRISED005	
		Sample Name	HRRISED003C-03		HRRISED004B-01		HRRISED004B-02		HRRISED005B-01		HRRISED005B-02		HRRISED005B-03		HRRISED005B-04		HRRISED005B-05		HRRISED005B-06	
		Date Collected	10/25/2006		10/25/2006		10/25/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006	
		Depth	2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5		0.5-2.0		2.0-4.0		4.0-6.0		6.0-8.0		8.0-10.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	860000	U	120000	U	110000	U	1000000	U	310000	U	3300000	U	1700000	U	4100000	U	7700000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
2-Chlorophenol	95-57-8	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	180000	U	860		23000	U	13000		11000		33000		180000		320000		640000	
2-Methylphenol	95-48-7	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
2-Nitroaniline	88-74-4	ppb-TOC	860000	U	120000	U	110000	U	1000000	U	310000	U	3300000	U	1700000	U	4100000	U	7700000	U
2-Nitrophenol	88-75-5	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	860000	U	120000	U	110000	U	1000000	U	310000	U	3300000	U	1700000	U	4100000	U	7700000	U
3-Nitroaniline	99-09-2	ppb-TOC	860000	U	120000	U	110000	U	1000000	U	310000	U	3300000	U	1700000	U	4100000	U	7700000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	860000	U	120000	U	110000	U	1000000	U	310000	U	3300000	U	1700000	U	4100000	U	7700000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
4-Chloroaniline	106-47-8	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
4-Methylphenol	106-44-5	ppb-TOC																		
4-Nitroaniline	100-01-6	ppb-TOC	860000	U	120000	U	110000	U	1000000	U	310000	U	3300000	U	1700000	U	4100000	U	7700000	U
4-Nitrophenol	100-02-7	ppb-TOC	860000	U	120000	U	110000	U	1000000	U	310000	U	3300000	U	1700000	U	4100000	U	7700000	U
Acenaphthene	83-32-9	ppb-TOC	180000	U	1600		23000	U	160000		180000		1100000		780000		530000		460000	
Acenaphthylene	208-96-8	ppb-TOC	180000	U	1000		23000	U	59000		31000		120000		74000		65000		64000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	180000	U	1700		23000	U	160000		180000		1200000		960000		620000		540000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	7500		3100		23000	U	430000		240000		950000		670000		530000		410000	
Benzo(a)pyrene	50-32-8	ppb-TOC	180000	U	3500		23000	U	380000		200000		690000		440000		380000		280000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	180000	U	4000		23000	U	490000		220000		870000		520000		440000		330000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	180000	U	3000		23000	U	180000		100000		380000		210000		190000		150000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	180000	U	1500		23000	U	140000		89000		310000		180000		150000		140000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	13000		3100		23000	U	570000		380000		330000	U	360000	U	850000	U	410000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	11000		1500		1000		210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	180000	U	25000	U	23000	U	5700		3600		24000		78000		82000		62000	
Chrysene	218-01-9	ppb-TOC	6100		3300		23000	U	410000		220000		870000		590000		470000		380000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	180000	U	25000	U	23000	U	49000		29000		100000		63000		59000		46000	
Dibenzofuran	132-64-9	ppb-TOC	180000	U	25000	U	23000	U	25000		36000		410000		320000		250000		220000	
Diethyl phthalate	84-66-2	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
Dimethylphthalate	131-11-3	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
Fluoranthene	206-44-0	ppb-TOC	29000		7300		830		1300000		750000		3100000		2000000		1400000		1000000	
Fluorene	86-73-7	ppb-TOC	180000	U	25000	U	23000	U	30000		44000		590000		560000		440000		460000	
Hexachlorobenzene	118-74-1	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	860000	U	120000	U	110000	U	1000000	U	310000	U	3300000	U	1700000	U	4100000	U	7700000	U

		Location ID	HRRISED003		HRRISED004		HRRISED004		HRRISED005		HRRISED005		HRRISED005		HRRISED005		HRRISED005		HRRISED005	
		Sample Name	HRRISED003C-03		HRRISED004B-01		HRRISED004B-02		HRRISED005B-01		HRRISED005B-02		HRRISED005B-03		HRRISED005B-04		HRRISED005B-05		HRRISED005B-06	
		Date Collected	10/25/2006		10/25/2006		10/25/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006	
		Depth	2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5		0.5-2.0		2.0-4.0		4.0-6.0		6.0-8.0		8.0-10.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	180000	U	2000		23000	U	160000		93000		330000		200000		190000		140000	
Isophorone	78-59-1	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
Naphthalene	91-20-3	ppb-TOC	9300		2700		23000	U	84000		47000		410000		340000		5900000		11000000	
Nitrobenzene	98-95-3	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
Pentachlorophenol	87-86-5	ppb-TOC	860000	U	120000	U	110000	U	1000000	U	310000	U	3300000	U	1700000	U	4100000	U	7700000	U
Phenanthrene	85-01-8	ppb-TOC	9600		2700		1000		92000		250000		2600000		2400000		1700000		1400000	
Phenol	108-95-2	ppb-TOC	180000	U	25000	U	23000	U	210000	U	65000	U	330000	U	360000	U	850000	U	410000	U
Pyrene	129-00-0	ppb-TOC	33000		9500		1000		810000		400000		1900000		1200000		850000		670000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	75000		37000		1900		4300000		2400000		9500000		5900000		4700000		3600000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	19000		11000		1000		590000		750000		5900000		5200000		9400000		15000000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	93000		50000		2900		4900000		3100000		15000000		11000000		14000000		18000000	

		Location ID	HRRISED005		HRRISED006		HRRISED006		HRRISED006		HRRISED007		HRRISED007		HRRISED008		HRRISED008		HRRISED009	
		Sample Name	HRRISED005B-07		HRRISED006B-01		HRRISED006B-02		HRRISED006B-03		HRRISED007E-01		HRRISED007E-02		HRRISED008B-01		HRRISED008B-02		HRRISED009C-01	
		Date Collected	11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/7/2006		11/7/2006		11/1/2006		11/1/2006		11/7/2006	
		Depth	10.0-12.0		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5		0.5-2.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	820000	U	430000	U	210000	U	240000	U	5100		29000	U	1800000	U	8400000	U	6200	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	1600000	U	2000000	U	1000000	U	1200000	U	1200000	U	140000	U	8300000	U	40000000	U	410000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
2-Chlorophenol	95-57-8	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	650000		330000		830000		1100000		17000		29000	U	10000000		21000000		7800	
2-Methylphenol	95-48-7	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
2-Nitroaniline	88-74-4	ppb-TOC	1600000	U	2000000	U	1000000	U	1200000	U	1200000	U	140000	U	8300000	U	40000000	U	410000	U
2-Nitrophenol	88-75-5	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	1600000	U	2000000	U	1000000	U	1200000	U	1200000	U	140000	U	8300000	U	40000000	U	410000	U
3-Nitroaniline	99-09-2	ppb-TOC	1600000	U	2000000	U	1000000	U	1200000	U	1200000	U	140000	U	8300000	U	40000000	U	410000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	1600000	U	2000000	U	1000000	U	1200000	U	1200000	U	140000	U	8300000	U	40000000	U	410000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
4-Chloroaniline	106-47-8	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
4-Methylphenol	106-44-5	ppb-TOC																		
4-Nitroaniline	100-01-6	ppb-TOC	1600000	U	2000000	U	1000000	U	1200000	U	1200000	U	140000	U	8300000	U	40000000	U	410000	U
4-Nitrophenol	100-02-7	ppb-TOC	1600000	U	2000000	U	1000000	U	1200000	U	1200000	U	140000	U	8300000	U	40000000	U	410000	U
Acenaphthene	83-32-9	ppb-TOC	650000		940000		480000		570000		71000		1700		3500000		16000000		70000	
Acenaphthylene	208-96-8	ppb-TOC	65000		210000		180000		100000		160000		2200		6700000		15000000		110000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	710000		820000		480000		440000		240000		3100		5000000		23000000		300000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	470000		680000		560000		350000		740000		10000		3700000		20000000		680000	
Benzo(a)pyrene	50-32-8	ppb-TOC	320000		520000		490000		240000		690000		11000		3500000		18000000		530000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	370000		480000		420000		190000		820000		12000		2300000		11000000		620000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	150000		230000		230000		98000		360000		5100		1500000		7600000		330000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	120000		190000		130000		76000		330000		5200		710000		4800000		350000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	820000	U	430000	U	210000	U	240000	U	92000		3600		180000		8400000	U	84000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	2100000		8400000	U	84000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	82000		24000		10000		240000	U	15000		29000	U	1800000	U	680000		10000	
Chrysene	218-01-9	ppb-TOC	420000		660000		540000		370000		630000		8900		3100000		18000000		560000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	47000		71000		68000		39000		100000		1400		380000		2000000		100000	
Dibenzofuran	132-64-9	ppb-TOC	290000		130000		49000		240000	U	30000		1100		1800000	U	2600000		17000	
Diethyl phthalate	84-66-2	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
Dimethylphthalate	131-11-3	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
Fluoranthene	206-44-0	ppb-TOC	1200000		1300000		820000		480000		1500000		13000		5800000		32000000		1700000	
Fluorene	86-73-7	ppb-TOC	590000		610000		390000		390000		56000		1900		3900000		24000000		35000	
Hexachlorobenzene	118-74-1	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	1600000	U	2000000	U	1000000	U	1200000	U	1200000	U			8300000	U	40000000	U	410000	U

		Location ID	HRRISED005		HRRISED006		HRRISED006		HRRISED006		HRRISED007		HRRISED007		HRRISED008		HRRISED008		HRRISED009	
		Sample Name	HRRISED005B-07		HRRISED006B-01		HRRISED006B-02		HRRISED006B-03		HRRISED007E-01		HRRISED007E-02		HRRISED008B-01		HRRISED008B-02		HRRISED009C-01	
		Date Collected	11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/7/2006		11/7/2006		11/1/2006		11/1/2006		11/7/2006	
		Depth	10.0-12.0		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5		0.5-2.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	150000		200000		180000		81000		320000		4700		1200000		5600000		320000	
Isophorone	78-59-1	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
Naphthalene	91-20-3	ppb-TOC	5200000		1300000		1500000		870000		130000		2200		25000000		60000000		25000	
Nitrobenzene	98-95-3	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
Pentachlorophenol	87-86-5	ppb-TOC	1600000	U	2000000	U	1000000	U	1200000	U	1200000	U	140000	U	8300000	U	40000000	U	410000	U
Phenanthrene	85-01-8	ppb-TOC	1900000		2300000		1300000		1200000		260000		5500		18000000		120000000		210000	
Phenol	108-95-2	ppb-TOC	820000	U	430000	U	210000	U	240000	U	240000	U	29000	U	1800000	U	8400000	U	84000	U
Pyrene	129-00-0	ppb-TOC	760000		1300000		930000		630000		1300000		29000		9600000		48000000		1000000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	4100000		5600000		4400000		2600000		6800000		100000		32000000		170000000		6200000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	10000000		6500000		5200000		4600000		950000		17000		71000000		280000000		760000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	14000000		12000000		9600000		7200000		8000000		120000		100000000		440000000		6900000	

		Location ID	HRRISED010		HRRISED010		HRRISED010		HRRISED039		HRRISED040		HRRISED041		HRRISED042		HRRISED043		HRRISED044	
		Sample Name	HRRISED010B-01		HRRISED010B-02		HRRISED010B-03		HRRISED039A-01		HRRISED040A-01		HRRISED041A-01		HRRISED042A-01		HRRISED043A-01		HRRISED044A-01	
		Date Collected	11/3/2006		11/3/2006		11/3/2006		10/24/2006		10/26/2006		10/26/2006		10/24/2006		10/25/2006		10/25/2006	
		Depth	0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	160000	U	140000	U	32000	U	2500		38000	U	35000	U	98000	U	79000	U	18000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	160000	U	140000	U	32000	U	800		38000	U	860		98000	U	79000	U	18000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	160000	U	140000	U	32000	U	1000		38000	U	35000	U	98000	U	79000	U	18000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	160000	U	140000	U	32000	U	4100		4900		5100		3600		2900		430	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	760000	U	650000	U	160000	U	170000	U	190000	U	170000	U	480000	U	380000	U	88000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
2-Chlorophenol	95-57-8	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	110000		880000		130000		3200		4900		10000		3300		79000	U	18000	U
2-Methylphenol	95-48-7	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
2-Nitroaniline	88-74-4	ppb-TOC	760000	U	650000	U	160000	U	170000	U	190000	U	170000	U	480000	U	380000	U	88000	U
2-Nitrophenol	88-75-5	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	760000	U	650000	U	160000	U	170000	U	190000	U	170000	U	480000	U	380000	U	88000	U
3-Nitroaniline	99-09-2	ppb-TOC	760000	U	650000	U	160000	U	170000	U	190000	U	170000	U	480000	U	380000	U	88000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	760000	U	650000	U	160000	U	170000	U	190000	U	170000	U	480000	U	380000	U	88000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
4-Chloroaniline	106-47-8	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
4-Methylphenol	106-44-5	ppb-TOC																		
4-Nitroaniline	100-01-6	ppb-TOC	760000	U	650000	U	160000	U	170000	U	190000	U	170000	U	480000	U	380000	U	88000	U
4-Nitrophenol	100-02-7	ppb-TOC	760000	U	650000	U	160000	U	170000	U	190000	U	170000	U	480000	U	380000	U	88000	U
Acenaphthene	83-32-9	ppb-TOC	780000		460000		85000		4300		7700		15000		4000		79000	U	18000	U
Acenaphthylene	208-96-8	ppb-TOC	92000		83000		34000		14000		31000		24000		24000		79000	U	1400	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	350000		270000		100000		27000		33000		51000		22000		7300		1200	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	300000		270000		98000		52000		82000		92000		89000		20000		5700	
Benzo(a)pyrene	50-32-8	ppb-TOC	230000		210000		80000		61000		100000		110000		91000		20000		5500	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	200000		170000		63000		73000		110000		120000		110000		15000		5700	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	86000		81000		24000		30000		62000		46000		65000		8600		3600	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	62000		62000		22000		22000		41000		51000		38000		6400		2300	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	11000		140000	U	32000	U	77000		100000		180000		200000		530000		5000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	160000	U	140000	U	32000	U	1400		38000	U	2100		4300		79000	U	740	
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	160000	U	5800		32000	U	3600		3100		12000		6000		79000	U	18000	U
Chrysene	218-01-9	ppb-TOC	300000		290000		90000		52000		85000		97000		86000		26000		6000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	32000		31000		8000		8900		17000		14000		17000		79000	U	880	
Dibenzofuran	132-64-9	ppb-TOC	160000	U	140000	U	32000	U	3000		4600		9200		3600		79000	U	18000	U
Diethyl phthalate	84-66-2	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
Dimethylphthalate	131-11-3	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	7000		98000	U	79000	U	18000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
Fluoranthene	206-44-0	ppb-TOC	430000		330000		150000		93000		120000		180000		140000		36000		9300	
Fluorene	86-73-7	ppb-TOC	300000		230000		73000		4500		8700		17000		6100		79000	U	18000	U
Hexachlorobenzene	118-74-1	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	760000	U	650000	U			170000	U	190000	U	170000	U	480000	U	380000	U	88000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	HRRISED010		HRRISED010		HRRISED010		HRRISED039		HRRISED040		HRRISED041		HRRISED042		HRRISED043		HRRISED044	
		Sample Name	HRRISED010B-01		HRRISED010B-02		HRRISED010B-03		HRRISED039A-01		HRRISED040A-01		HRRISED041A-01		HRRISED042A-01		HRRISED043A-01		HRRISED044A-01	
		Date Collected	11/3/2006		11/3/2006		11/3/2006		10/24/2006		10/26/2006		10/26/2006		10/24/2006		10/25/2006		10/25/2006	
		Depth	0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	76000		67000		21000		30000		54000		46000		55000		7400		3100	
Isophorone	78-59-1	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
Naphthalene	91-20-3	ppb-TOC	320000		940000		100000		34000	U	23000		32000		10000		79000	U	18000	U
Nitrobenzene	98-95-3	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
Pentachlorophenol	87-86-5	ppb-TOC	760000	U	650000	U	160000	U	170000	U	190000	U	170000	U	480000	U	380000	U	88000	U
Phenanthrene	85-01-8	ppb-TOC	1100000		770000		270000		20000		33000		86000		55000		10000		1200	
Phenol	108-95-2	ppb-TOC	160000	U	140000	U	32000	U	34000	U	38000	U	35000	U	98000	U	79000	U	18000	U
Pyrene	129-00-0	ppb-TOC	540000		420000		170000		64000		130000		140000		140000		59000		6900	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	2200000		1900000		730000		480000		790000		890000		820000		200000		50000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	3000000		3700000		800000		73000		140000		240000		130000		18000		3800	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	5400000		5600000		1500000		570000		950000		1100000		940000		210000		52000	

		Location ID	HRRISED045		HRRISED046		HRRISED047		HRRISED048		HRRISED049		HRRISED050		KK02SED081		KK02SED081		KK02SED081	
		Sample Name	HRRISED045A-01		HRRISED046A-01		HRRISED047A-01		HRRISED048A-01		HRRISED049A-01		HRRISED050A-01		KK02SED081D-01		KK02SED081D-02		KK02SED081D-03	
		Date Collected	10/25/2006		10/25/2006		10/25/2006		11/1/2006		10/31/2006		11/1/2006		11/20/2007		11/20/2007		11/20/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC													7800	U	12000	U	16000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	560		2900		1100		1200		42000	U	1300							
1,2-Dichlorobenzene	95-50-1	ppb-TOC	240		970		34000	U	400		830		430							
1,3-Dichlorobenzene	541-73-1	ppb-TOC	390		1300		750		18000	U	42000	U	21000	U						
1,4-Dichlorobenzene	106-46-7	ppb-TOC	1600		6200		3400		1800		7400		3000							
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC													7800	U	12000	U	16000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	11000	U	44000	U	2200		18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	54000	U	210000	U	170000	U	88000	U	200000	U	100000	U	15000	U	23000	U	31000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
2-Chlorophenol	95-57-8	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	1300		7600		8800		1300		3500		1900		2700		4000		590	
2-Methylphenol	95-48-7	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
2-Nitroaniline	88-74-4	ppb-TOC	54000	U	210000	U	170000	U	88000	U	200000	U	100000	U	15000	U	23000	U	31000	U
2-Nitrophenol	88-75-5	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	54000	U	210000	U	170000	U	88000	U	200000	U	100000	U	7800	U	12000	U	16000	U
3-Nitroaniline	99-09-2	ppb-TOC	54000	U	210000	U	170000	U	88000	U	200000	U	100000	U	15000	U	23000	U	31000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	54000	U	210000	U	170000	U	88000	U	200000	U	100000	U	15000	U	23000	U	31000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
4-Chloroaniline	106-47-8	ppb-TOC	11000	U	3500		3000		18000	U	42000	U	21000	U	4400		6500		16000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
4-Methylphenol	106-44-5	ppb-TOC													7800	U	12000	U	16000	U
4-Nitroaniline	100-01-6	ppb-TOC	54000	U	210000	U	170000	U	88000	U	200000	U	100000	U	15000	U	23000	U	31000	U
4-Nitrophenol	100-02-7	ppb-TOC	54000	U	210000	U	170000	U	88000	U	200000	U	100000	U	15000	U	23000	U	31000	U
Acenaphthene	83-32-9	ppb-TOC	4900		11000		5600		1900		9000		3200		2700		2400		450	
Acenaphthylene	208-96-8	ppb-TOC	5900		32000		30000		8800		30000		11000		1100		3100		420	
Acetophenone	98-86-2	ppb-TOC													7800	U	12000	U	16000	U
Anthracene	120-12-7	ppb-TOC	11000		50000		25000		13000		39000		16000		11000		19000		2500	
Atrazine	1912-24-9	ppb-TOC													7800	U	12000	U	16000	U
Benzaldehyde	100-52-7	ppb-TOC													7800	U	12000	U	16000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	32000		120000		110000		29000		110000		41000		56000		65000		11000	
Benzo(a)pyrene	50-32-8	ppb-TOC	34000		140000		120000		29000		120000		46000		61000		65000		11000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	39000		150000		120000		42000		140000		57000		100000		93000		12000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	18000		56000		38000		15000		59000		30000		19000		19000		2300	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	13000		68000		38000		13000		49000		22000		58000		65000		9600	
Biphenyl	92-52-4	ppb-TOC													7800	U	2200		16000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	22000		160000		140000		27000		71000		49000		160000		280000		3100	
Butyl benzyl phthalate	85-68-7	ppb-TOC	1100		3800		34000	U	18000	U	1300		21000	U	6600		5300		16000	U
Caprolactam	105-60-2	ppb-TOC													7800	U	12000	U	16000	U
Carbazole	86-74-8	ppb-TOC	1300		6800		34000	U	1700		3000		2000		6100		4500		16000	U
Chrysene	218-01-9	ppb-TOC	29000		120000		94000		29000		100000		41000		71000		65000		11000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	4400		17000		12000		4400		18000		7800		6600		6500		2000	
Dibenzofuran	132-64-9	ppb-TOC	1700		5600		3100		1600		4100		1900		7800	U	12000	U	16000	U
Diethyl phthalate	84-66-2	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
Dimethylphthalate	131-11-3	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	2700		12000	U	16000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U					16000	U
Fluoranthene	206-44-0	ppb-TOC	76000		250000		240000		52000		190000		62000		150000		170000		16000	
Fluorene	86-73-7	ppb-TOC	2700		10000		6300		3500		9100		3500		3400		3400		1000	
Hexachlorobenzene	118-74-1	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	800	U	850	U	310	U
Hexachlorobutadiene	87-68-3	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	54000	U	210000	U	170000	U	88000	U	200000	U	100000	U						

Table B-8
TOC-Normalized Semivolatiles

		Location ID	HRRISED045		HRRISED046		HRRISED047		HRRISED048		HRRISED049		HRRISED050		KK02SED081		KK02SED081		KK02SED081	
		Sample Name	HRRISED045A-01		HRRISED046A-01		HRRISED047A-01		HRRISED048A-01		HRRISED049A-01		HRRISED050A-01		KK02SED081D-01		KK02SED081D-02		KK02SED081D-03	
		Date Collected	10/25/2006		10/25/2006		10/25/2006		11/1/2006		10/31/2006		11/1/2006		11/20/2007		11/20/2007		11/20/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	16000		56000		38000		15000		57000		26000		18000		18000		2400	
Isophorone	78-59-1	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
Naphthalene	91-20-3	ppb-TOC	3700		21000		24000		3500		18000		7800		2400		5300		900	
Nitrobenzene	98-95-3	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	7800	U	12000	U	16000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	2700		11000		16000	U
Pentachlorophenol	87-86-5	ppb-TOC	54000	U	210000	U	170000	U	88000	U	200000	U	100000	U	1600	U	1700	U	600	U
Phenanthrene	85-01-8	ppb-TOC	19000		56000		23000		25000		39000		15000		44000		31000		4300	
Phenol	108-95-2	ppb-TOC	11000	U	44000	U	34000	U	18000	U	42000	U	21000	U	3600		12000	U	16000	U
Pyrene	129-00-0	ppb-TOC	59000		200000		210000		40000		150000		59000		88000		100000		13000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	320000		1200000		1000000		270000		1000000		410000		630000		650000		90000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	49000		190000		130000		56000		150000		59000		66000		69000		10000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	370000		1400000		1100000		330000		1200000		460000		710000		730000		100000	

		Location ID	KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED095		KK02SED095		KK02SED095	
		Sample Name	KK02SED081D-04		KK02SED081D-05		KK02SED081D-06		KK02SED081D-07		KK02SED081D-08		KK02SED081D-09		KK02SED095E-01		KK02SED095E-02		KK02SED095E-03	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/19/2007		11/19/2007		11/19/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	27000	U	35000	U	38000	U	33000	U	40000	U	38000	U	21000	U	21000	U	23000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
2-Chlorophenol	95-57-8	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	440		140		290		330	U	400	U	380	U	3000		4300		7900	
2-Methylphenol	95-48-7	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
2-Nitroaniline	88-74-4	ppb-TOC	27000	U	35000	U	38000	U	33000	U	40000	U	38000	U	21000	U	21000	U	23000	U
2-Nitrophenol	88-75-5	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
3-Nitroaniline	99-09-2	ppb-TOC	27000	U	35000	U	38000	U	33000	U	40000	U	38000	U	21000	U	21000	U	23000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	27000	U	35000	U	38000	U	33000	U	40000	U	38000	U	21000	U	21000	U	23000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
4-Chloroaniline	106-47-8	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
4-Methylphenol	106-44-5	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	1600		11000	U	2100	
4-Nitroaniline	100-01-6	ppb-TOC	27000	U	35000	U	38000	U	33000	U	40000	U	38000	U	21000	U	21000	U	23000	U
4-Nitrophenol	100-02-7	ppb-TOC	27000	U	35000	U	38000	U	33000	U	40000	U	38000	U	21000	U	21000	U	23000	U
Acenaphthene	83-32-9	ppb-TOC	110		350	U	170		330	U	400	U	380	U	2100		15000		8300	
Acenaphthylene	208-96-8	ppb-TOC	270	U	350	U	380	U	330	U	400	U	380	U	7400		7900		12000	
Acetophenone	98-86-2	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
Anthracene	120-12-7	ppb-TOC	570		150		460	U	120		170		380	U	20000		18000		29000	
Atrazine	1912-24-9	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
Benzaldehyde	100-52-7	ppb-TOC	14000	U	18000	U	3100		3100		21000	U	20000	U	11000	U	11000	U	12000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	570		240		350		8400	U	400	U	380	U	48000		38000		54000	
Benzo(a)pyrene	50-32-8	ppb-TOC	360	U	350	U	380	U	330	U	400	U	380	U	44000		40000		52000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	480		290		380		330	U	400	U	380	U	48000		31000		45000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	350		140		270		330	U	400	U	380	U	11000		9700		13000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	370		220		280		8400	U	400	U	380	U	41000		43000		52000	
Biphenyl	92-52-4	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	3000		3300		360000		17000	U	21000	U	20000	U	31000		11000	U	12000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
Caprolactam	105-60-2	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
Carbazole	86-74-8	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
Chrysene	218-01-9	ppb-TOC	710		280		440		86		110		380	U	59000		49000		64000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	90		350	U	380		8400	U	400	U	380	U	3100		3600		3900	
Dibenzofuran	132-64-9	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	1400		4000		2900	
Diethyl phthalate	84-66-2	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
Dimethylphthalate	131-11-3	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	14000	U	18000	U	6400		17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC							17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
Fluoranthene	206-44-0	ppb-TOC	2300		1100		1700		260		440		200		92000		76000		78000	
Fluorene	86-73-7	ppb-TOC	570		200		390		110		150		83		3100		6100		10000	
Hexachlorobenzene	118-74-1	ppb-TOC	270	U	350	U	380	U	330	U	400	U	380	U	150		490	U	560	U
Hexachlorobutadiene	87-68-3	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED095		KK02SED095		KK02SED095	
		Sample Name	KK02SED081D-04		KK02SED081D-05		KK02SED081D-06		KK02SED081D-07		KK02SED081D-08		KK02SED081D-09		KK02SED095E-01		KK02SED095E-02		KK02SED095E-03	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/19/2007		11/19/2007		11/19/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	270		140		170		330	U	400	U	380	U	9200		9200		11000	
Isophorone	78-59-1	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
Naphthalene	91-20-3	ppb-TOC	440	U	350	U	560	U	330	U	400	U	380	U	6600		5800		7400	
Nitrobenzene	98-95-3	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	17000		9400		13000	
Pentachlorophenol	87-86-5	ppb-TOC	520	U	720	U	770	U	650	U	850	U	750	U	1100	U	1000	U	1100	U
Phenanthrene	85-01-8	ppb-TOC	1600		350		1000		140		160		98		13000		17000		47000	
Phenol	108-95-2	ppb-TOC	14000	U	18000	U	19000	U	17000	U	21000	U	20000	U	11000	U	11000	U	12000	U
Pyrene	129-00-0	ppb-TOC	2200		1100		1900		340	U	560	U	380	U	100000		58000		83000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	7100		3600		5800		350		550		200		440000		360000		470000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	3300		840		1900		310		480		180		55000		74000		120000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	10000		4400		7700		670		1100		380		520000		430000		580000	

		Location ID	KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095	
		Sample Name	KK02SED095E-04		KK02SED095E-05		KK02SED095E-06		KK02SED095E-07		KK02SED095E-08		KK02SED095E-09		KK02SED095E-10		KK02SED095E-11		KK02SED095E-12	
		Date Collected	11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	29000	U	49000	U	34000	U	23000	U	16000	U	18000	U	22000	U	29000	U	26000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
2-Chlorophenol	95-57-8	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	15000		35000		17000		10000		7400		5700		73		640		120	
2-Methylphenol	95-48-7	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
2-Nitroaniline	88-74-4	ppb-TOC	29000	U	49000	U	34000	U	23000	U	16000	U	18000	U	22000	U	29000	U	26000	U
2-Nitrophenol	88-75-5	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
3-Nitroaniline	99-09-2	ppb-TOC	29000	U	49000	U	34000	U	23000	U	16000	U	18000	U	22000	U	29000	U	26000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	29000	U	49000	U	34000	U	23000	U	16000	U	18000	U	22000	U	29000	U	26000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
4-Chloroaniline	106-47-8	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
4-Methylphenol	106-44-5	ppb-TOC	15000	U	25000	U	18000	U	1900		3700		1900		11000	U	15000	U	13000	U
4-Nitroaniline	100-01-6	ppb-TOC	29000	U	49000	U	34000	U	23000	U	16000	U	18000	U	22000	U	29000	U	26000	U
4-Nitrophenol	100-02-7	ppb-TOC	29000	U	49000	U	34000	U	23000	U	16000	U	18000	U	22000	U	29000	U	26000	U
Acenaphthene	83-32-9	ppb-TOC	13000		18000		14000		11000		9100		6600		50		430		98	
Acenaphthylene	208-96-8	ppb-TOC	16000		25000		23000		16000		12000		12000		220	U	350		77	
Acetophenone	98-86-2	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	2600		11000	U	15000	U	13000	U
Anthracene	120-12-7	ppb-TOC	61000		67000		66000		52000		37000		33000		150		3400		290	
Atrazine	1912-24-9	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
Benzaldehyde	100-52-7	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	74000		130000		130000		120000		93000		87000		170		11000		470	
Benzo(a)pyrene	50-32-8	ppb-TOC	74000		110000		110000		110000		83000		93000		220	U	10000		600	U
Benzo(b)fluoranthene	205-99-2	ppb-TOC	69000		74000		84000		79000		78000		66000		170		7800		410	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	19000		28000		26000		21000		19000		30000		130		2300		340	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	61000		94000		87000		90000		59000		78000		130		11000		400	
Biphenyl	92-52-4	ppb-TOC	15000	U	25000	U	3700		2700		2900		2600		11000	U	15000	U	13000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
Caprolactam	105-60-2	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
Carbazole	86-74-8	ppb-TOC	6200		25000	U	18000	U	3800		2900		1800		11000	U	15000	U	13000	U
Chrysene	218-01-9	ppb-TOC	90000		150000		150000		140000		110000		90000		230	U	11000		560	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	6400		10000		9500		8400		6100		8100		220	U	2200		120	
Dibenzofuran	132-64-9	ppb-TOC	4000		8500		4300		3400		2700		2000		11000	U	15000	U	13000	U
Diethyl phthalate	84-66-2	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
Dimethylphthalate	131-11-3	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
Fluoranthene	206-44-0	ppb-TOC	110000		200000		180000		120000		120000		120000		600		16000		470	
Fluorene	86-73-7	ppb-TOC	18000		30000		19000		12000		9800		8400		180		1300		300	
Hexachlorobenzene	118-74-1	ppb-TOC	780	U	1200	U	1200	U	1000	U	780	U	720	U	220	U	290	U	260	U
Hexachlorobutadiene	87-68-3	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095	
		Sample Name	KK02SED095E-04		KK02SED095E-05		KK02SED095E-06		KK02SED095E-07		KK02SED095E-08		KK02SED095E-09		KK02SED095E-10		KK02SED095E-11		KK02SED095E-12	
		Date Collected	11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	16000		25000		23000		19000		16000		24000		100		2200		320	
Isophorone	78-59-1	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
Naphthalene	91-20-3	ppb-TOC	14000		28000		11000		12000		15000		7800		220	U	820	U	260	U
Nitrobenzene	98-95-3	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	13000		25000	U	11000		5900		4200		1800		11000	U	15000	U	13000	U
Pentachlorophenol	87-86-5	ppb-TOC	1600	U	2500	U	2400	U	2000	U	1600	U	1500	U	430	U	590	U	510	U
Phenanthrene	85-01-8	ppb-TOC	85000		140000		130000		93000		64000		57000		400		5500		770	
Phenol	108-95-2	ppb-TOC	15000	U	25000	U	18000	U	12000	U	8100	U	9600	U	11000	U	15000	U	13000	U
Pyrene	129-00-0	ppb-TOC	120000		200000		200000		150000		110000		130000		600		13000		600	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	640000		1000000		1000000		860000		690000		720000		1900		87000		3700	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	220000		340000		280000		210000		150000		130000		870		11000		1700	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	860000		1400000		1300000		1100000		860000		870000		2800		100000		5600	

		Location ID	KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096	
		Sample Name	KK02SED096D-01		KK02SED096D-02		KK02SED096D-03		KK02SED096D-04		KK02SED096D-05		KK02SED096D-06		KK02SED096D-07		KK02SED096D-08		KK02SED096D-09	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	31000	U	30000	U	26000	U	26000	U	24000	U	29000	U	33000	U	46000	U	45000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
2-Chlorophenol	95-57-8	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	9700		1700		1000		1500		1200		1900		8100		59000		120000	
2-Methylphenol	95-48-7	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
2-Nitroaniline	88-74-4	ppb-TOC	31000	U	30000	U	26000	U	26000	U	24000	U	29000	U	33000	U	46000	U	45000	U
2-Nitrophenol	88-75-5	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
3-Nitroaniline	99-09-2	ppb-TOC	31000	U	30000	U	26000	U	26000	U	24000	U	29000	U	33000	U	46000	U	45000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	31000	U	30000	U	26000	U	26000	U	24000	U	29000	U	33000	U	46000	U	45000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
4-Chloroaniline	106-47-8	ppb-TOC	16000	U	15000	U	14000	U	2100		2900		2300		18000	U	8600		23000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
4-Methylphenol	106-44-5	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
4-Nitroaniline	100-01-6	ppb-TOC	31000	U	30000	U	26000	U	26000	U	24000	U	29000	U	33000	U	46000	U	45000	U
4-Nitrophenol	100-02-7	ppb-TOC	31000	U	30000	U	26000	U	26000	U	24000	U	29000	U	33000	U	46000	U	45000	U
Acenaphthene	83-32-9	ppb-TOC	6100		2000		1000	U	1300		1700		3100		12000		20000		29000	
Acenaphthylene	208-96-8	ppb-TOC	3200		4100		2400		2700		3000		3100		3800		1300		1600	
Acetophenone	98-86-2	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
Anthracene	120-12-7	ppb-TOC	14000		6600		5200		6300		10000		12000		40000		72000		160000	
Atrazine	1912-24-9	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
Benzaldehyde	100-52-7	ppb-TOC	2500		3200		2200		2100		2400		15000	U	18000	U	24000	U	23000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	21000		21000		14000		16000		16000		19000		26000		37000		40000	
Benzo(a)pyrene	50-32-8	ppb-TOC	23000		37000		19000		21000		19000		23000		26000		29000		30000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	30000		44000		22000		30000		25000		26000		33000		33000		32000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	6100		11000		5800		6600		6000		5500		6400		8600		7800	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	23000		44000		25000		20000		17000		22000		22000		31000		26000	
Biphenyl	92-52-4	ppb-TOC	1800		15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	3900	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	65000		59000		55000		97000		110000		250000		430000		390000		220000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	2000		3000		2400		3000		3000		3000		2400		24000	U	23000	U
Caprolactam	105-60-2	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
Carbazole	86-74-8	ppb-TOC	2300		1700		14000	U	13000	U	1300		15000	U	2600		8300		39000	
Chrysene	218-01-9	ppb-TOC	25000		28000		18000		20000		21000		26000		36000		57000		62000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	1800		3200		1500		1800		1900		1800		1900		2900		4900	
Dibenzofuran	132-64-9	ppb-TOC	4000		1500		14000	U	13000	U	1200		15000	U	18000	U	24000	U	23000	U
Diethyl phthalate	84-66-2	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
Dimethylphthalate	131-11-3	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	16000	U	15000	U	1500		13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC																		
Fluoranthene	206-44-0	ppb-TOC	58000		48000		30000		42000		48000		55000		81000		99000		130000	
Fluorene	86-73-7	ppb-TOC	7900		2000		1200		1600		2500		3700		17000		39000		62000	
Hexachlorobenzene	118-74-1	ppb-TOC	310	U	300	U	260	U	260	U	240	U	340	U	480	U	150		610	
Hexachlorobutadiene	87-68-3	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096	
		Sample Name	KK02SED096D-01		KK02SED096D-02		KK02SED096D-03		KK02SED096D-04		KK02SED096D-05		KK02SED096D-06		KK02SED096D-07		KK02SED096D-08		KK02SED096D-09	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	5800		9600		5200		5100		5100		5200		5000		6800		5500	
Isophorone	78-59-1	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
Naphthalene	91-20-3	ppb-TOC	5800		4100		2300		2500		2800		3000		6900		15000		33000	
Nitrobenzene	98-95-3	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	16000	U	15000	U	14000	U	13000	U	1600		15000	U	14000		39000		56000	
Pentachlorophenol	87-86-5	ppb-TOC	610	U	590	U	550	U	510	U	480	U	670	U	1000	U	1100	U	2300	U
Phenanthrene	85-01-8	ppb-TOC	34000		14000		7100		8500		10000		15000		52000		120000		200000	
Phenol	108-95-2	ppb-TOC	16000	U	15000	U	14000	U	13000	U	12000	U	15000	U	18000	U	24000	U	23000	U
Pyrene	129-00-0	ppb-TOC	36000		44000		26000		33000		33000		34000		50000		59000		88000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	230000		290000		160000		200000		190000		220000		290000		370000		430000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	79000		34000		19000		24000		33000		43000		140000		330000		610000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	310000		320000		180000		220000		230000		260000		430000		700000		1000000	

		Location ID	KK02SED096		KK02SED096		KK02SED096		KVK01		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085	
		Sample Name	KK02SED096D-10		KK02SED096D-11		KK02SED096D-12		1JMS00157		MC02SED085C-01		MC02SED085C-02		MC02SED085C-03		MC02SED085C-04		MC02SED085C-05	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		8/30/2000		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007	
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	59000	U	44000	U	22000	U			21000	U	12000	U	33000	U	28000	U	64000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
2-Chlorophenol	95-57-8	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	270000		370000		99000		6900		4800		1100		4000		15000	U	930000	
2-Methylphenol	95-48-7	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
2-Nitroaniline	88-74-4	ppb-TOC	59000	U	44000	U	22000	U			21000	U	12000	U	33000	U	28000	U	64000	U
2-Nitrophenol	88-75-5	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
3-Nitroaniline	99-09-2	ppb-TOC	59000	U	44000	U	22000	U			21000	U	12000	U	33000	U	28000	U	64000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	59000	U	44000	U	22000	U			21000	U	12000	U	33000	U	28000	U	64000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
4-Chloroaniline	106-47-8	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	5400		15000	U	33000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
4-Methylphenol	106-44-5	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
4-Nitroaniline	100-01-6	ppb-TOC	59000	U	44000	U	22000	U			21000	U	12000	U	33000	U	28000	U	64000	U
4-Nitrophenol	100-02-7	ppb-TOC	59000	U	44000	U	22000	U			21000	U	12000	U	33000	U	28000	U	64000	U
Acenaphthene	83-32-9	ppb-TOC	51000		60000		13000		1600		1100		4300		3300		6300		36000	
Acenaphthylene	208-96-8	ppb-TOC	3300		3000		12000	U	3900		3300		5700		1800		1300		5000	U
Acetophenone	98-86-2	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
Anthracene	120-12-7	ppb-TOC	210000		170000		27000		17000		9400		21000		14000		15000		40000	
Atrazine	1912-24-9	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
Benzaldehyde	100-52-7	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	53000		52000		24000		25000		35000		69000		33000		24000		36000	
Benzo(a)pyrene	50-32-8	ppb-TOC	33000		36000		18000		24000		59000		72000		28000		24000	U	21000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	32000		26000		15000		33000		110000		84000		52000		46000	U	18000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	21000		15000		8200		15000		14000		17000		7500		6200		18000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	21000		27000		14000		11000		66000		91000		27000		22000	U	15000	
Biphenyl	92-52-4	ppb-TOC	31000		33000		12000	U	3300		11000	U	6100	U	17000	U	15000	U	66000	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	160000		94000		64000				160000		9500		1500000		960000		210000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
Caprolactam	105-60-2	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
Carbazole	86-74-8	ppb-TOC	54000		27000		12000	U			2600		1600		17000	U	15000	U	33000	U
Chrysene	218-01-9	ppb-TOC	74000		81000		37000		27000		53000		70000		48000		36000		74000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	7000		7200		4000		3300		4400		6200		17000	U	15000	U	6000	
Dibenzofuran	132-64-9	ppb-TOC	42000		47000		6300				11000	U	1700		17000	U	15000	U	120000	
Diethyl phthalate	84-66-2	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
Dimethylphthalate	131-11-3	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC			34000	U	22000	U			11000	U	6100	U	17000	U	15000	U	33000	U
Fluoranthene	206-44-0	ppb-TOC	180000		150000		57000		45000		33000		88000		65000		57000		82000	
Fluorene	86-73-7	ppb-TOC	110000		130000		37000		4200		1600		3600		2300		9200		140000	
Hexachlorobenzene	118-74-1	ppb-TOC	540		2200	U	96				150		780	U	480	U	380	U	5000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC									11000	U	6100	U	17000	U	15000	U	33000	U

		Location ID	KK02SED096		KK02SED096		KK02SED096		KVK01		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085	
		Sample Name	KK02SED096D-10		KK02SED096D-11		KK02SED096D-12		1JMS00157		MC02SED085C-01		MC02SED085C-02		MC02SED085C-03		MC02SED085C-04		MC02SED085C-05	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		8/30/2000		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007	
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	17000		16000		4800		14000		13000		19000		5400		5400	U	12000	
Isophorone	78-59-1	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
Naphthalene	91-20-3	ppb-TOC	60000		85000		42000		14000		2900		6600		2700		3300		290000	
Nitrobenzene	98-95-3	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	78000		100000		12000	U			11000	U	6100	U	17000	U	20000		99000	
Pentachlorophenol	87-86-5	ppb-TOC	4500	U	4400	U	910	U			1200	U	1600	U	970	U	790	U	10000	U
Phenanthrene	85-01-8	ppb-TOC	360000		380000		120000		15000		11000		27000		9500		16000		350000	
Phenol	108-95-2	ppb-TOC	31000	U	22000	U	12000	U			11000	U	6100	U	17000	U	15000	U	33000	U
Pyrene	129-00-0	ppb-TOC	160000		170000		76000		57000		100000		140000		72000		62000		150000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	600000		590000		250000		250000		480000		650000		330000		180000		430000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	1100000		1200000		330000		63000		33000		69000		38000		50000		1800000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1700000		1800000		600000		330000		530000		720000		380000		240000		2200000	

		Location ID	MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		NB01SED001A		NB01SED001A		NB01SED001A		NB01SED002	
		Sample Name	MC02SED085C-06		MC02SED085C-07		MC02SED085C-08		MC02SED085C-09		MC02SED085C-10		NB01SED001B-01		NB01SED001B-02		NB01SED001B-03		NB01SED002B-01	
		Date Collected	12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		11/13/2005		11/13/2005		11/13/2005		10/30/2005	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U								
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC											220000	U	180000	U	130000	U	27000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC											220000	U	180000	U	130000	U	27000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC											220000	U	180000	U	130000	U	27000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC											220000	U	2600		2900		27000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U								
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	51000	U	180000	U	82000	U	67000	U	77000	U	1200000	U	960000	U	690000	U	140000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
2-Chlorophenol	95-57-8	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	1100000		4700000		2600000		1600000		1700000		220000	U	4100		3500		2900	
2-Methylphenol	95-48-7	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
2-Nitroaniline	88-74-4	ppb-TOC	51000	U	180000	U	82000	U	67000	U	77000	U	220000	U	180000	U	130000	U	27000	U
2-Nitrophenol	88-75-5	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	450000	U	360000	U	270000	U	57000	U
3-Nitroaniline	99-09-2	ppb-TOC	51000	U	180000	U	82000	U	67000	U	77000	U	450000	U	360000	U	270000	U	57000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	51000	U	180000	U	82000	U	67000	U	77000	U	670000	U	550000	U	400000	U	84000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
4-Chloroaniline	106-47-8	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	6000		7300	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
4-Methylphenol	106-44-5	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
4-Nitroaniline	100-01-6	ppb-TOC	51000	U	180000	U	82000	U	67000	U	77000	U	450000	U	360000	U	270000	U	57000	U
4-Nitrophenol	100-02-7	ppb-TOC	51000	U	180000	U	82000	U	67000	U	77000	U	670000	U	550000	U	400000	U	84000	U
Acenaphthene	83-32-9	ppb-TOC	20000		97000		50000		23000		55000		4200		14000		14000		2700	
Acenaphthylene	208-96-8	ppb-TOC	5100	U	18000	U	9900	U	6700	U	7700	U	8200		30000		10000		4100	
Acetophenone	98-86-2	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U								
Anthracene	120-12-7	ppb-TOC	23000		96000		56000		31000		180000		12000		40000		29000		9800	
Atrazine	1912-24-9	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U								
Benzaldehyde	100-52-7	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U								
Benzo(a)anthracene	56-55-3	ppb-TOC	24000		110000		44000		56000		190000		33000		74000		71000		19000	
Benzo(a)pyrene	50-32-8	ppb-TOC	15000		62000		29000		32000		120000		45000		72000		77000		18000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	10000		41000		18000		18000		57000		52000		90000		92000		20000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	15000		72000		37000		41000		33000		29000		46000		46000		12000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	11000		41000		16000		14000		41000		22000		35000		50000		9400	
Biphenyl	92-52-4	ppb-TOC	77000		350000		160000		100000		110000									
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000		230000		630000		270000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	4800		27000	U
Caprolactam	105-60-2	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U								
Carbazole	86-74-8	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	3600		3500		6900		1900	
Chrysene	218-01-9	ppb-TOC	45000		210000		83000		110000		290000		52000		76000		88000		22000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	3900		13000		6200		13000		48000		8800		8900		17000		4900	
Dibenzofuran	132-64-9	ppb-TOC	95000		310000		120000		72000		38000	U	220000	U	3700		4000		27000	U
Diethyl phthalate	84-66-2	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
Dimethylphthalate	131-11-3	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	11000		130000	U	31000	
Di-n-Octylphthalate	117-84-0	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
Fluoranthene	206-44-0	ppb-TOC	44000		170000		69000		67000		190000		73000		130000		170000		29000	
Fluorene	86-73-7	ppb-TOC	110000		470000		180000		61000		160000		5200		13000		11000		3500	
Hexachlorobenzene	118-74-1	ppb-TOC	5100	U	18000	U	9900	U	6700	U	7700	U	220000	U	180000	U	130000	U	27000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	670000	U	550000	U	400000	U	84000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		NB01SED001A		NB01SED001A		NB01SED001A		NB01SED002	
		Sample Name	MC02SED085C-06		MC02SED085C-07		MC02SED085C-08		MC02SED085C-09		MC02SED085C-10		NB01SED001B-01		NB01SED001B-02		NB01SED001B-03		NB01SED002B-01	
		Date Collected	12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		11/13/2005		11/13/2005		11/13/2005		10/30/2005	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	11000		43000		19000		18000		62000		27000		38000		48000		9800	
Isophorone	78-59-1	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
Naphthalene	91-20-3	ppb-TOC	360000		1300000		830000		420000		450000		3600		6200		6000		2900	
Nitrobenzene	98-95-3	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	95000		90000	U	42000	U	110000		150000		220000	U	180000	U	130000	U	27000	U
Pentachlorophenol	87-86-5	ppb-TOC	10000	U	35000	U	21000	U	13000	U	15000	U	670000	U	550000	U	400000	U	84000	U
Phenanthrene	85-01-8	ppb-TOC	290000		1200000		550000		430000		720000		26000		81000		90000		11000	
Phenol	108-95-2	ppb-TOC	26000	U	90000	U	42000	U	33000	U	38000	U	220000	U	180000	U	130000	U	27000	U
Pyrene	129-00-0	ppb-TOC	95000		490000		210000		170000		410000		76000		150000		160000		41000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	270000		1200000		530000		530000		1400000		420000		710000		810000		180000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	1800000		7800000		4200000		2500000		3300000		61000		190000		160000		37000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	2100000		9200000		4800000		3100000		4800000		480000		900000		980000		220000	

		Location ID	NB01SED002		NB01SED002		NB01SED002		NB01SED003		NB01SED003		NB01SED003		NB01SED003		NB01SED004		NB01SED004	
		Sample Name	NB01SED002B-02		NB01SED002B-03		NB01SED002B-04		NB01SED003D-01		NB01SED003D-02		NB01SED003D-03		NB01SED003D-04		NB01SED004B-01		NB01SED004B-02	
		Date Collected	10/30/2005		10/30/2005		10/30/2005		10/31/2005		10/31/2005		10/31/2005		10/31/2005		10/30/2005		10/30/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	2300	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	150000	U	110000	U	780000	U	130000	U	49000	U	61000	U	110000	U	230000	U	190000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
2-Chlorophenol	95-57-8	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	29000	U	23000	U	160000	U	25000	U	6300		6400		8900	U	44000	U	2900	
2-Methylphenol	95-48-7	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
2-Nitroaniline	88-74-4	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
2-Nitrophenol	88-75-5	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	58000	U	46000	U	320000	U	49000	U	19000	U	24000	U	18000	U	92000	U	76000	U
3-Nitroaniline	99-09-2	ppb-TOC	58000	U	46000	U	320000	U	49000	U	19000	U	24000	U	8900	U	92000	U	76000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	87000	U	69000	U	490000	U	74000	U	29000	U	36000	U	27000	U	140000	U	110000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
4-Chloroaniline	106-47-8	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	13000	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
4-Methylphenol	106-44-5	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
4-Nitroaniline	100-01-6	ppb-TOC	58000	U	46000	U	320000	U	49000	U	19000	U	24000	U	8900	U	92000	U	76000	U
4-Nitrophenol	100-02-7	ppb-TOC	87000	U	69000	U	490000	U	74000	U	29000	U	36000	U	27000	U	140000	U	110000	U
Acenaphthene	83-32-9	ppb-TOC	29000	U	23000	U	160000	U	25000	U	4000		8900		8900	U	44000	U	37000	U
Acenaphthylene	208-96-8	ppb-TOC	1900		23000	U	160000	U	7600		16000		15000		8900	U	4800		9100	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	7300		23000	U	160000	U	12000		25000		23000		8900	U	13000		31000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	8400		23000	U	160000	U	44000		74000		75000		8900	U	26000		32000	
Benzo(a)pyrene	50-32-8	ppb-TOC	8700		23000	U	160000	U	50000		74000		68000		8900	U	32000		33000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	8400		23000	U	160000	U	58000		63000		61000		8900	U	36000		37000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	6000		23000	U	160000	U	34000		34000		39000		8900	U	20000		22000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	5800		23000	U	160000	U	23000		31000		28000		8900	U	16000		16000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	120000		28000		180000		61000		21000		24000	U	10000		290000		790000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
Chrysene	218-01-9	ppb-TOC	11000		23000	U	160000	U	50000		83000		75000		8900	U	32000		39000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	3100		23000	U	160000	U	10000		12000		12000		8900	U	8000		6800	
Dibenzofuran	132-64-9	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
Diethyl phthalate	84-66-2	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
Dimethylphthalate	131-11-3	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	31000		23000		160000		26000		10000	U	13000	U	8900		48000		47000	
Di-n-Octylphthalate	117-84-0	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	45000	
Fluoranthene	206-44-0	ppb-TOC	16000		23000	U	160000	U	60000		89000		68000		8900	U	44000		51000	
Fluorene	86-73-7	ppb-TOC	29000	U	23000	U	160000	U	25000	U	5400		6100		8900	U	44000	U	4700	
Hexachlorobenzene	118-74-1	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	87000	U	69000	U	490000	U	74000	U	29000	U	36000	U	27000	U	140000	U	110000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED002		NB01SED002		NB01SED002		NB01SED003		NB01SED003		NB01SED003		NB01SED003		NB01SED004		NB01SED004	
		Sample Name	NB01SED002B-02		NB01SED002B-03		NB01SED002B-04		NB01SED003D-01		NB01SED003D-02		NB01SED003D-03		NB01SED003D-04		NB01SED004B-01		NB01SED004B-02	
		Date Collected	10/30/2005		10/30/2005		10/30/2005		10/31/2005		10/31/2005		10/31/2005		10/31/2005		10/30/2005		10/30/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	7100		23000	U	160000	U	25000		27000		28000		8900	U	17000		17000	
Isophorone	78-59-1	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
Naphthalene	91-20-3	ppb-TOC	29000	U	23000	U	160000	U	25000	U	7700		8200		8900	U	3200		4100	
Nitrobenzene	98-95-3	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	29000	U	23000	U	160000	U	25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
Pentachlorophenol	87-86-5	ppb-TOC	87000	U	69000	U	490000	U	74000	U	29000	U	36000	U	27000	U	140000	U	110000	U
Phenanthrene	85-01-8	ppb-TOC	5600		23000	U	200000		26000		16000		16000		8900	U	17000		22000	
Phenol	108-95-2	ppb-TOC	29000	U	310000		7000000		25000	U	10000	U	13000	U	8900	U	44000	U	37000	U
Pyrene	129-00-0	ppb-TOC	22000		23000	U	160000	U	83000		170000		130000		8900	U	56000		63000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	98000		23000	U	160000	U	440000		660000		570000		8900	U	290000		310000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	15000		23000	U	200000		45000		80000		86000		8900	U	38000		73000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	110000		23000	U	200000		480000		740000		680000		8900	U	320000		400000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED004		NB01SED005		NB01SED005		NB01SED005		NB01SED005		NB01SED006A		NB01SED006A		NB01SED006A		NB01SED007	
		Sample Name	NB01SED004B-03		NB01SED005A-01		NB01SED005A-02		NB01SED005A-03		NB01SED005A-04		NB01SED006AA-01		NB01SED006AA-02		NB01SED006AA-03		NB01SED007A-01	
		Date Collected	10/30/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/27/2005		11/27/2005		11/27/2005		11/9/2005	
		Depth	1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	2900		16000	U	15000	U	4400		40000	U	55000	U	27000	U	55000	U	83000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	150000	U	82000	U	71000	U	53000	U	210000	U	290000	U	130000	U	280000	U	420000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
2-Chlorophenol	95-57-8	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	4400		4100		15000	U	4100		40000	U	55000	U	27000	U	55000	U	83000	U
2-Methylphenol	95-48-7	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
2-Nitroaniline	88-74-4	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
2-Nitrophenol	88-75-5	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	60000	U	32000	U	28000	U	21000	U	83000	U	120000	U	54000	U	110000	U	170000	U
3-Nitroaniline	99-09-2	ppb-TOC	60000	U	32000	U	28000	U	21000	U	83000	U	120000	U	54000	U	110000	U	170000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	91000	U	50000	U	42000	U	32000	U	120000	U	170000	U	79000	U	170000	U	250000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
4-Chloroaniline	106-47-8	ppb-TOC	19000		5500		3300		15000		11000		55000	U	27000	U	55000	U	83000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
4-Methylphenol	106-44-5	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
4-Nitroaniline	100-01-6	ppb-TOC	60000	U	32000	U	28000	U	21000	U	83000	U	120000	U	54000	U	110000	U	170000	U
4-Nitrophenol	100-02-7	ppb-TOC	91000	U	50000	U	42000	U	32000	U	120000	U	170000	U	79000	U	170000	U	250000	U
Acenaphthene	83-32-9	ppb-TOC	6700		3800		15000	U	3200		40000	U	55000	U	27000	U	55000	U	83000	U
Acenaphthylene	208-96-8	ppb-TOC	9100		11000		7500		9700		40000	U	7000		2100		4000		83000	U
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	40000		20000		9600		35000		48000		16000		7300		6500		83000	U
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	36000		29000		18000		28000		24000		20000		13000		21000		20000	
Benzo(a)pyrene	50-32-8	ppb-TOC	31000		40000		28000		32000		23000		22000		13000		21000		29000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	36000		50000		37000		38000		29000		28000		17000		30000		34000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	20000		27000		20000		20000		16000		18000		11000		18000		19000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	16000		17000		13000		16000		11000		18000		7500		12000		18000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	780000		210000		92000		880000		450000		80000		52000		110000		180000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	31000	U	3400		15000	U	2900		40000	U	4000		1700		55000	U	83000	U
Chrysene	218-01-9	ppb-TOC	38000		36000		22000		32000		26000		22000		14000		23000		27000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	5300		7700		6300		5600		1600		6000		2100		55000	U	83000	U
Dibenzofuran	132-64-9	ppb-TOC	2700		16000	U	15000	U	2400		40000	U	55000	U	27000	U	55000	U	83000	U
Diethyl phthalate	84-66-2	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
Dimethylphthalate	131-11-3	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	40000		16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	44000		16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
Fluoranthene	206-44-0	ppb-TOC	58000		45000		26000		56000		55000		30000		21000		36000		34000	
Fluorene	86-73-7	ppb-TOC	9100		5000		15000	U	8200		10000		5000		27000	U	55000	U	83000	U
Hexachlorobenzene	118-74-1	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	91000	U	50000	U	42000	U	32000	U			170000	U	79000	U	170000	U	250000	U

		Location ID	NB01SED004		NB01SED005		NB01SED005		NB01SED005		NB01SED005		NB01SED006A		NB01SED006A		NB01SED006A		NB01SED007	
		Sample Name	NB01SED004B-03		NB01SED005A-01		NB01SED005A-02		NB01SED005A-03		NB01SED005A-04		NB01SED006AA-01		NB01SED006AA-02		NB01SED006AA-03		NB01SED007A-01	
		Date Collected	10/30/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/27/2005		11/27/2005		11/27/2005		11/9/2005	
		Depth	1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	16000		20000		16000		17000		13000		14000		9200		14000		83000	U
Isophorone	78-59-1	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
Naphthalene	91-20-3	ppb-TOC	7100		6400		5000		5900		1500		4000		27000	U	55000	U	83000	U
Nitrobenzene	98-95-3	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
Pentachlorophenol	87-86-5	ppb-TOC	91000	U	50000	U	42000	U	32000	U	120000	U	170000	U	79000	U	170000	U	250000	U
Phenanthrene	85-01-8	ppb-TOC	29000		19000		11000		18000		33000		17000		8800		13000		83000	U
Phenol	108-95-2	ppb-TOC	31000	U	16000	U	15000	U	11000	U	40000	U	55000	U	27000	U	55000	U	83000	U
Pyrene	129-00-0	ppb-TOC	67000		59000		41000		56000		50000		38000		23000		40000		47000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	310000		330000		230000		290000		240000		220000		130000		220000		230000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	100000		68000		33000		85000		93000		49000		18000		24000		83000	U
TOTAL PAHs - SVOC	No CAS	ppb-TOC	420000		400000		260000		380000		330000		260000		150000		240000		230000	

		Location ID	NB01SED007		NB01SED007		NB01SED007		NB01SED008A		NB01SED008A		NB01SED008A		NB01SED009		NB01SED009		NB01SED009	
		Sample Name	NB01SED007A-02		NB01SED007A-03		NB01SED007A-04		NB01SED008AA-01		NB01SED008AA-02		NB01SED008AA-03		NB01SED009A-01		NB01SED009A-02		NB01SED009A-03	
		Date Collected	11/9/2005		11/9/2005		11/9/2005		11/14/2005		11/14/2005		11/14/2005		11/6/2005		11/6/2005		11/6/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	86000	U	4500		3600		150000	U	4400		4800		30000	U	28000	U	73000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	420000	U	2100000	U	1400000	U	790000	U	840000	U	690000	U	150000	U	130000	U	360000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
2-Chlorophenol	95-57-8	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	86000	U	7000		280000	U	150000	U	5800		4800		30000	U	9100		16000	
2-Methylphenol	95-48-7	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
2-Nitroaniline	88-74-4	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
2-Nitrophenol	88-75-5	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	170000	U	800000	U	540000	U	310000	U	330000	U	270000	U	61000	U	53000	U	140000	U
3-Nitroaniline	99-09-2	ppb-TOC	170000	U	800000	U	540000	U	310000	U	330000	U	270000	U	61000	U	53000	U	140000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	250000	U	1300000	U	860000	U	460000	U	490000	U	400000	U	94000	U	81000	U	210000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
4-Chloroaniline	106-47-8	ppb-TOC	86000	U	410000	U	280000	U	3500		40000	U	130000	U	6400		28000	U	73000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
4-Methylphenol	106-44-5	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
4-Nitroaniline	100-01-6	ppb-TOC	170000	U	800000	U	540000	U	310000	U	330000	U	270000	U	61000	U	53000	U	140000	U
4-Nitrophenol	100-02-7	ppb-TOC	250000	U	1300000	U	860000	U	460000	U	490000	U	400000	U	94000	U	81000	U	210000	U
Acenaphthene	83-32-9	ppb-TOC	86000	U	3900		280000	U	150000	U	3000		3300		30000	U	20000		27000	
Acenaphthylene	208-96-8	ppb-TOC	86000	U	13000		8200		2900		6700		6700		23000		65000		60000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	86000	U	80000		180000		6000		17000		37000		15000		77000		110000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	18000		55000		68000		11000		40000		33000		39000		180000		210000	
Benzo(a)pyrene	50-32-8	ppb-TOC	33000		60000		57000		14000		44000		33000		55000		180000		200000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	34000		90000		89000		33000		49000		38000		70000		170000		170000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	18000		37000		21000		9200		23000		23000		30000		81000		89000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	20000		40000		20000		8300		19000		17000		24000		60000		60000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	390000		1100000		1300000		920000		2200000		1400000		130000		9100		140000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	86000	U	10000		5400		150000	U	160000	U	4000		30000	U	28000	U	73000	U
Chrysene	218-01-9	ppb-TOC	26000		90000		86000		31000		47000		40000		45000		200000		220000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	86000	U	13000		8200		2900		7700		7100		8200		22000		27000	
Dibenzofuran	132-64-9	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	2100		30000	U	3700		1600	
Diethyl phthalate	84-66-2	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
Dimethylphthalate	131-11-3	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	86000	U	410000	U	280000	U	150000	U	35000		25000		30000	U	28000	U	73000	U
Fluoranthene	206-44-0	ppb-TOC	39000		150000		150000		50000		79000		79000		88000		350000		310000	
Fluorene	86-73-7	ppb-TOC	86000	U	9500		5400		2300		6500		6200		30000	U	26000		44000	
Hexachlorobenzene	118-74-1	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	250000	U	1300000	U	860000	U	460000	U	490000	U	400000	U	94000	U	81000	U	210000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED007		NB01SED007		NB01SED007		NB01SED008A		NB01SED008A		NB01SED008A		NB01SED009		NB01SED009		NB01SED009	
		Sample Name	NB01SED007A-02		NB01SED007A-03		NB01SED007A-04		NB01SED008AA-01		NB01SED008AA-02		NB01SED008AA-03		NB01SED009A-01		NB01SED009A-02		NB01SED009A-03	
		Date Collected	11/9/2005		11/9/2005		11/9/2005		11/14/2005		11/14/2005		11/14/2005		11/6/2005		11/6/2005		11/6/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	86000	U	36000		22000		7700		22000		23000		24000		63000		67000	
Isophorone	78-59-1	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
Naphthalene	91-20-3	ppb-TOC	86000	U	9500		4600		150000	U	4900		4800		30000	U	10000		15000	
Nitrobenzene	98-95-3	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	130000	U	30000	U	28000	U	73000	U
Pentachlorophenol	87-86-5	ppb-TOC	250000	U	1300000	U	860000	U	460000	U	490000	U	400000	U	94000	U	81000	U	210000	U
Phenanthrene	85-01-8	ppb-TOC	86000	U	32000		22000		5200		22000		33000		13000		88000		220000	
Phenol	108-95-2	ppb-TOC	86000	U	410000	U	280000	U	150000	U	160000	U	2100		30000	U	28000	U	73000	U
Pyrene	129-00-0	ppb-TOC	47000		120000		130000		50000		79000		71000		94000		330000		400000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	230000		700000		640000		210000		420000		370000		480000		1600000		1800000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	86000	U	160000		220000		16000		65000		94000		52000		300000		490000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	230000		850000		860000		230000		470000		460000		520000		1900000		2200000	

		Location ID	NB01SED009		NB01SED010A		NB01SED010A		NB01SED010A		NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED011	
		Sample Name	NB01SED009A-04		NB01SED010I-01		NB01SED010I-02		NB01SED010I-03		NB01SED011B-01		NB01SED011B-02		NB01SED011B-03		NB01SED011B-04		NB01SED011B-05	
		Date Collected	11/6/2005		10/31/2005		10/31/2005		10/31/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.3		1.3-2.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	10000	U	53000	U	120000	U	150000	U	6300		15000	U	7000	U	8600	U	6900	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	50000	U	260000	U	610000	U	720000	U	1300000	U	74000	U	35000	U	41000	U	33000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
2-Chloronaphthalene	91-58-7	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
2-Chlorophenol	95-57-8	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
2-Methylnaphthalene	91-57-6	ppb-TOC	9300		6900		120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
2-Methylphenol	95-48-7	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
2-Nitroaniline	88-74-4	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
2-Nitrophenol	88-75-5	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	20000	U	110000	U	240000	U	290000	U	520000	U	29000	U	13000	U	17000	U	13000	U
3-Nitroaniline	99-09-2	ppb-TOC	20000	U	110000	U	240000	U	290000	U	520000	U	29000	U	13000	U	17000	U	13000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	30000	U	160000	U	360000	U	450000	U	790000	U	45000	U	20000	U	26000	U	20000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
4-Chloroaniline	106-47-8	ppb-TOC	10000	U	53000	U	120000	U	150000	U	7900		15000	U	7000	U	8600	U	6900	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
4-Methylphenol	106-44-5	ppb-TOC	4300		53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
4-Nitroaniline	100-01-6	ppb-TOC	20000	U	110000	U	240000	U	290000	U	520000	U	29000	U	13000	U	17000	U	13000	U
4-Nitrophenol	100-02-7	ppb-TOC	30000	U	160000	U	360000	U	450000	U	790000	U	45000	U	20000	U	26000	U	20000	U
Acenaphthene	83-32-9	ppb-TOC	12000		5600		120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
Acenaphthylene	208-96-8	ppb-TOC	27000		23000		120000	U	39000		5800		15000	U	7000	U	8600	U	6900	U
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	67000		22000		30000		54000		18000		15000	U	7000	U	8600	U	6900	U
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	110000		54000		81000		110000		58000		15000	U	7000	U	8600	U	6900	U
Benzo(a)pyrene	50-32-8	ppb-TOC	120000		69000		71000		100000		53000		15000	U	7000	U	8600	U	6900	U
Benzo(b)fluoranthene	205-99-2	ppb-TOC	110000		63000		69000		83000		52000		15000	U	7000	U	8600	U	6900	U
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	67000		35000		39000		61000		19000		15000	U	7000	U	8600	U	6900	U
Benzo(k)fluoranthene	207-08-9	ppb-TOC	37000		28000		29000		47000		24000		15000	U	7000	U	8600	U	6900	U
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	20000	U	130000		240000	U	290000	U	1300000		18000		7700		9700		7500	
Butyl benzyl phthalate	85-68-7	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
Chrysene	218-01-9	ppb-TOC	110000		58000		100000		130000		58000		15000	U	7000	U	8600	U	6900	U
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	13000		13000		120000	U	150000	U	4600		15000	U	7000	U	8600	U	6900	U
Dibenzofuran	132-64-9	ppb-TOC	3300		53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
Diethyl phthalate	84-66-2	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
Dimethylphthalate	131-11-3	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	10000	U	59000		120000	U	150000	U	270000		15000		6900		8600		6900	
Di-n-Octylphthalate	117-84-0	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
Fluoranthene	206-44-0	ppb-TOC	200000		58000		100000		150000		53000		15000	U	7000	U	8600	U	6900	U
Fluorene	86-73-7	ppb-TOC	22000		8100		120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
Hexachlorobenzene	118-74-1	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
Hexachlorobutadiene	87-68-3	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	30000	U	160000	U	360000	U	450000	U	790000	U	45000	U	20000	U	26000	U	20000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED009		NB01SED010A		NB01SED010A		NB01SED010A		NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED011	
		Sample Name	NB01SED009A-04		NB01SED010I-01		NB01SED010I-02		NB01SED010I-03		NB01SED011B-01		NB01SED011B-02		NB01SED011B-03		NB01SED011B-04		NB01SED011B-05	
		Date Collected	11/6/2005		10/31/2005		10/31/2005		10/31/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.3		1.3-2.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	47000		31000		31000		48000		18000		15000	U	7000	U	8600	U	6900	U
Isophorone	78-59-1	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
Naphthalene	91-20-3	ppb-TOC	12000		9400		120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
Nitrobenzene	98-95-3	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
Pentachlorophenol	87-86-5	ppb-TOC	30000	U	160000	U	360000	U	450000	U	790000	U	45000	U	20000	U	26000	U	20000	U
Phenanthrene	85-01-8	ppb-TOC	130000		25000		120000	U	150000	U	9500		15000	U	7000	U	8600	U	6900	U
Phenol	108-95-2	ppb-TOC	10000	U	53000	U	120000	U	150000	U	260000	U	15000	U	7000	U	8600	U	6900	U
Pyrene	129-00-0	ppb-TOC	240000		140000		160000		220000		53000		15000	U	7000	U	8600	U	6900	U
Total HMW PAHs-SVOC	No CAS	ppb-TOC	1000000		540000		670000		940000		390000		15000	U	7000	U	8600	U	6900	U
Total LMW PAHs-SVOC	No CAS	ppb-TOC	280000		100000		30000		94000		34000		15000	U	7000	U	8600	U	6900	U
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1300000		630000		690000		1100000		430000		15000	U	7000	U	8600	U	6900	U

		Location ID	NB01SED011		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED013	
		Sample Name	NB01SED011B-06		NB01SED012A-01		NB01SED012A-02		NB01SED012A-03		NB01SED012A-04		NB01SED012A-05		NB01SED012A-06		NB01SED012A-07		NB01SED013C-02	
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		10/31/2005	
		Depth	4.5-5.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		6.5-8.0		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	25000	U	72000	U	15000	U	26000	U	2900		43000	U	40000	U	27000	U	100000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	25000	U	72000	U	6800		12000		9800		2200		11000		27000	U	100000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	120000	U	360000	U	72000	U	130000	U	49000	U	220000	U	200000	U	140000	U	510000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
2-Chlorophenol	95-57-8	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	25000	U	72000	U	8800		22000		21000		23000		35000		16000		100000	U
2-Methylphenol	95-48-7	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
2-Nitroaniline	88-74-4	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
2-Nitrophenol	88-75-5	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	49000	U	150000	U	28000	U	54000	U	20000	U	89000	U	82000	U	56000	U	210000	U
3-Nitroaniline	99-09-2	ppb-TOC	49000	U	150000	U	28000	U	54000	U	20000	U	89000	U	82000	U	56000	U	210000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	75000	U	220000	U	44000	U	77000	U	29000	U	130000	U	120000	U	83000	U	300000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
4-Chloroaniline	106-47-8	ppb-TOC	25000	U	3300		15000	U	26000	U	10000	U	27000		40000	U	27000	U	100000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
4-Methylphenol	106-44-5	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
4-Nitroaniline	100-01-6	ppb-TOC	49000	U	150000	U	28000	U	54000	U	20000	U	89000	U	82000	U	56000	U	210000	U
4-Nitrophenol	100-02-7	ppb-TOC	75000	U	220000	U	44000	U	77000	U	29000	U	130000	U	120000	U	83000	U	300000	U
Acenaphthene	83-32-9	ppb-TOC	25000	U	50000		11000		16000		15000		17000		14000		22000		24000	
Acenaphthylene	208-96-8	ppb-TOC	25000	U	61000		9800		15000		12000		13000		17000		16000		140000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	25000	U	210000		52000		69000		66000		68000		70000		51000		98000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	25000	U	560000		34000		50000		44000		41000		53000		70000		540000	
Benzo(a)pyrene	50-32-8	ppb-TOC	25000	U	220000		22000		35000		27000		34000		46000		56000		490000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	25000	U	640000		28000		38000		32000		39000		48000		68000		440000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	25000	U	83000		13000		20000		16000		21000		29000		33000		220000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	25000	U	240000		11000		18000		14000		17000		21000		25000		210000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	28000		360000		320000		460000		320000		340000		270000		43000		130000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	25000	U	110000		15000	U	26000	U	7600		43000	U	40000	U	8700		100000	U
Chrysene	218-01-9	ppb-TOC	25000	U	1300000		38000		58000		46000		57000		73000		81000		520000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	25000	U	26000		3600		5400		4100		4500		8000		10000		75000	
Dibenzofuran	132-64-9	ppb-TOC	25000	U	72000	U	4400		26000	U	6100		3200		40000	U	27000	U	100000	U
Diethyl phthalate	84-66-2	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
Dimethylphthalate	131-11-3	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	25000		72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	120000	
Di-n-Octylphthalate	117-84-0	ppb-TOC	25000	U	92000		26000		42000		18000		43000	U	40000	U	27000	U	100000	U
Fluoranthene	206-44-0	ppb-TOC	25000	U	5800000		76000		100000		98000		91000		100000		140000		650000	
Fluorene	86-73-7	ppb-TOC	25000	U	47000		15000		21000		21000		18000		30000		14000		22000	
Hexachlorobenzene	118-74-1	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	75000	U	220000	U	44000	U	77000	U	29000	U			120000	U	83000	U	300000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED011		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED013	
		Sample Name	NB01SED011B-06		NB01SED012A-01		NB01SED012A-02		NB01SED012A-03		NB01SED012A-04		NB01SED012A-05		NB01SED012A-06		NB01SED012A-07		NB01SED013C-02	
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		10/31/2005	
		Depth	4.5-5.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		6.5-8.0		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	25000	U	86000		9600		16000		11000		16000		21000		27000		190000	
Isophorone	78-59-1	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
Naphthalene	91-20-3	ppb-TOC	25000	U	72000	U	8800		26000	U	16000		7500		18000		15000		8400	
Nitrobenzene	98-95-3	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	25000	U	72000	U	15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
Pentachlorophenol	87-86-5	ppb-TOC	75000	U	220000	U	44000	U	77000	U	29000	U	130000	U	120000	U	83000	U	300000	U
Phenanthrene	85-01-8	ppb-TOC	25000	U	860000		50000		88000		93000		55000		120000		100000		79000	
Phenol	108-95-2	ppb-TOC	25000	U	4700		15000	U	26000	U	10000	U	43000	U	40000	U	27000	U	100000	U
Pyrene	129-00-0	ppb-TOC	25000	U	4200000		92000		150000		120000		120000		130000		150000		1100000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	25000	U	13000000		320000		500000		410000		430000		530000		670000		4400000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	25000	U	1200000		160000		230000		240000		200000		290000		240000		380000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	25000	U	14000000		480000		730000		660000		640000		840000		890000		4900000	

		Location ID	NB01SED013		NB01SED013		NB01SED014		NB01SED014		NB01SED014		NB01SED014		NB01SED015		NB01SED015		NB01SED015	
		Sample Name	NB01SED013C-03		NB01SED013C-04		NB01SED014A-01		NB01SED014A-02		NB01SED014A-03		NB01SED014A-04		NB01SED015A-01		NB01SED015A-02		NB01SED015A-03	
		Date Collected	10/31/2005		10/31/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/1/2005		11/1/2005		11/1/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	150000	U	180000	U	850000	U	1100000	U	400000	U	320000	U	770000	U	81000	U	560000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
2-Chlorophenol	95-57-8	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	4300		37000	U	2800		11000		81000	U	65000	U	160000	U	16000	U	120000	U
2-Methylphenol	95-48-7	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
2-Nitroaniline	88-74-4	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
2-Nitrophenol	88-75-5	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	61000	U	75000	U	330000	U	400000	U	160000	U	130000	U	310000	U	31000	U	230000	U
3-Nitroaniline	99-09-2	ppb-TOC	61000	U	75000	U	330000	U	400000	U	160000	U	130000	U	310000	U	31000	U	230000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	89000	U	110000	U	480000	U	580000	U	240000	U	190000	U	460000	U	48000	U	360000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
4-Chloroaniline	106-47-8	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
4-Methylphenol	106-44-5	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
4-Nitroaniline	100-01-6	ppb-TOC	61000	U	75000	U	330000	U	400000	U	160000	U	130000	U	310000	U	31000	U	230000	U
4-Nitrophenol	100-02-7	ppb-TOC	89000	U	110000	U	480000	U	580000	U	240000	U	190000	U	460000	U	48000	U	360000	U
Acenaphthene	83-32-9	ppb-TOC	6400		37000	U	2300		12000		81000	U	65000	U	160000	U	16000	U	120000	U
Acenaphthylene	208-96-8	ppb-TOC	43000		37000	U	21000		37000		81000	U	65000	U	160000	U	5000		120000	U
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	68000		37000	U	18000		58000		81000	U	65000	U	160000	U	6300		150000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	300000		2900		100000		170000		81000	U	65000	U	50000		17000		67000	
Benzo(a)pyrene	50-32-8	ppb-TOC	250000		5000		100000		160000		81000	U	65000	U	58000		19000		56000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	210000		3700		97000		140000		81000	U	65000	U	65000		23000		64000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	110000		2500		48000		74000		81000	U	65000	U	35000		13000		38000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	100000		37000	U	55000		68000		81000	U	65000	U	160000	U	8100		28000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	61000	U	40000		22000		400000	U	160000	U	130000	U	770000		69000		490000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
Chrysene	218-01-9	ppb-TOC	280000		2600		94000		190000		81000	U	65000	U	54000		18000		67000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	39000		37000	U	18000		41000		81000	U	65000	U	160000	U	4100		120000	U
Dibenzofuran	132-64-9	ppb-TOC	3000		37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
Diethyl phthalate	84-66-2	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
Dimethylphthalate	131-11-3	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	30000	U	38000		160000	U	200000	U	81000	U	65000	U	170000		17000		120000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	30000	U	39000		160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
Fluoranthene	206-44-0	ppb-TOC	430000		3800		120000		180000		81000	U	65000	U	85000		27000		130000	
Fluorene	86-73-7	ppb-TOC	9300		37000	U	7000		12000		81000	U	65000	U	160000	U	16000	U	120000	U
Hexachlorobenzene	118-74-1	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	89000	U	110000	U	480000	U	580000	U	240000	U	190000	U	460000	U	48000	U	360000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED013		NB01SED013		NB01SED014		NB01SED014		NB01SED014		NB01SED014		NB01SED015		NB01SED015		NB01SED015	
		Sample Name	NB01SED013C-03		NB01SED013C-04		NB01SED014A-01		NB01SED014A-02		NB01SED014A-03		NB01SED014A-04		NB01SED015A-01		NB01SED015A-02		NB01SED015A-03	
		Date Collected	10/31/2005		10/31/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/1/2005		11/1/2005		11/1/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	96000		2200		42000		79000		81000	U	65000	U	160000	U	9400		23000	
Isophorone	78-59-1	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
Naphthalene	91-20-3	ppb-TOC	11000		37000	U	4800		11000		81000	U	65000	U	160000	U	16000	U	120000	U
Nitrobenzene	98-95-3	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	30000	U	37000	U	17000		200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
Pentachlorophenol	87-86-5	ppb-TOC	89000	U	110000	U	480000	U	580000	U	240000	U	190000	U	460000	U	48000	U	360000	U
Phenanthrene	85-01-8	ppb-TOC	54000		37000	U	14000		24000		81000	U	65000	U	160000	U	8100		33000	
Phenol	108-95-2	ppb-TOC	30000	U	37000	U	160000	U	200000	U	81000	U	65000	U	160000	U	16000	U	120000	U
Pyrene	129-00-0	ppb-TOC	540000		8800		180000		260000		81000	U	65000	U	110000		37000		150000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	2400000		32000		880000		1400000		81000	U	65000	U	460000		180000		620000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	200000		37000	U	70000		160000		81000	U	65000	U	160000	U	19000		180000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	2500000		32000		940000		1500000		81000	U	65000	U	460000		190000		790000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED015		NB01SED016		NB01SED016		NB01SED016		NB01SED016		NB01SED017		NB01SED017		NB01SED017		NB01SED018	
		Sample Name	NB01SED015A-04		NB01SED016C-01		NB01SED016C-02		NB01SED016C-03		NB01SED016C-04		NB01SED017B-01		NB01SED017B-02		NB01SED017B-03		NB01SED018D-01	
		Date Collected	11/1/2005		11/13/2005		11/13/2005		11/13/2005		11/13/2005		11/20/2005		11/20/2005		11/20/2005		11/6/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	270000	U	2000000	U	1400000	U	1300000	U	950000	U	260000	U	240000	U	290000	U	370000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
2-Chlorophenol	95-57-8	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	15000		380000	U	270000	U	4400		11000		52000	U	48000	U	61000	U	6800	
2-Methylphenol	95-48-7	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
2-Nitroaniline	88-74-4	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
2-Nitrophenol	88-75-5	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	110000	U	730000	U	520000	U	490000	U	370000	U	110000	U	96000	U	120000	U	150000	U
3-Nitroaniline	99-09-2	ppb-TOC	110000	U	730000	U	520000	U	490000	U	370000	U	110000	U	96000	U	120000	U	150000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	160000	U	1100000	U	810000	U	720000	U	550000	U	150000	U	140000	U	180000	U	220000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
4-Chloroaniline	106-47-8	ppb-TOC	55000	U	380000	U	270000	U	4200		4500		52000	U	48000	U	61000	U	74000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
4-Methylphenol	106-44-5	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
4-Nitroaniline	100-01-6	ppb-TOC	110000	U	730000	U	520000	U	490000	U	370000	U	110000	U	96000	U	120000	U	150000	U
4-Nitrophenol	100-02-7	ppb-TOC	160000	U	1100000	U	810000	U	720000	U	550000	U	150000	U	140000	U	180000	U	220000	U
Acenaphthene	83-32-9	ppb-TOC	14000		380000	U	8100		18000		11000		52000	U	48000	U	61000	U	74000	U
Acenaphthylene	208-96-8	ppb-TOC	30000		7300		5200		6100		8200		3500		48000	U	61000	U	14000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	48000		15000		17000		51000		100000		15000		11000		12000		78000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	150000		26000		22000		25000		39000		20000		16000		25000		32000	
Benzo(a)pyrene	50-32-8	ppb-TOC	140000		33000		26000		31000		43000		21000		19000		27000		40000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	120000		37000		40000		40000		50000		25000		24000		32000		50000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	71000		23000		16000		17000		22000		15000		17000		18000		24000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	48000		21000		14000		17000		26000		12000		12000		16000		20000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	74000		120000		250000		490000		450000		110000		88000		94000		99000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	55000	U	380000	U	270000	U	4300		22000		52000	U	48000	U	61000	U	52000	
Chrysene	218-01-9	ppb-TOC	140000		27000		27000		30000		55000		20000		22000		23000		30000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	22000		5800		4800		6700		7300		3800		2900		61000	U	74000	U
Dibenzofuran	132-64-9	ppb-TOC	55000	U	380000	U	270000	U	240000	U	5900		52000	U	48000	U	61000	U	6500	
Diethyl phthalate	84-66-2	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
Dimethylphthalate	131-11-3	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
Fluoranthene	206-44-0	ppb-TOC	210000		33000		43000		51000		73000		28000		34000		40000		53000	
Fluorene	86-73-7	ppb-TOC	11000		5000		4400		12000		17000		52000	U	48000	U	61000	U	17000	
Hexachlorobenzene	118-74-1	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	160000	U	1100000	U	810000	U	720000	U	550000	U	150000	U	140000	U	180000	U	220000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED015		NB01SED016		NB01SED016		NB01SED016		NB01SED016		NB01SED017		NB01SED017		NB01SED017		NB01SED018	
		Sample Name	NB01SED015A-04		NB01SED016C-01		NB01SED016C-02		NB01SED016C-03		NB01SED016C-04		NB01SED017B-01		NB01SED017B-02		NB01SED017B-03		NB01SED018D-01	
		Date Collected	11/1/2005		11/13/2005		11/13/2005		11/13/2005		11/13/2005		11/20/2005		11/20/2005		11/20/2005		11/6/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	55000		23000		18000		19000		25000		11000		14000		17000		17000	
Isophorone	78-59-1	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
Naphthalene	91-20-3	ppb-TOC	4200		380000	U	6700		16000		31000		52000	U	48000	U	61000	U	74000	U
Nitrobenzene	98-95-3	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	55000	U	380000	U	270000	U	5300		180000	U	52000	U	48000	U	61000	U	74000	U
Pentachlorophenol	87-86-5	ppb-TOC	160000	U	1100000	U	810000	U	720000	U	550000	U	150000	U	140000	U	180000	U	220000	U
Phenanthrene	85-01-8	ppb-TOC	58000		14000		9500		19000		45000		11000		13000		13000		25000	
Phenol	108-95-2	ppb-TOC	55000	U	380000	U	270000	U	240000	U	180000	U	52000	U	48000	U	61000	U	74000	U
Pyrene	129-00-0	ppb-TOC	310000		47000		52000		53000		77000		32000		32000		40000		66000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	1300000		270000		260000		290000		420000		190000		190000		240000		330000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	180000		41000		52000		130000		220000		29000		24000		25000		120000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1500000		320000		310000		420000		640000		220000		220000		260000		450000	

		Location ID	NB01SED018		NB01SED019		NB01SED019		NB01SED019		NB01SED019		NB01SED020		NB01SED020		NB01SED020		NB01SED020	
		Sample Name	NB01SED018D-02		NB01SED019A-01		NB01SED019A-02		NB01SED019A-03		NB01SED019A-04		NB01SED020A-01		NB01SED020A-02		NB01SED020A-03		NB01SED020A-04	
		Date Collected	11/6/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005	
		Depth	0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	76000	U	3900		18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	380000	U	200000	U	88000	U	76000	U	210000	U	880000	U	1100000	U	670000	U	690000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
2-Chlorophenol	95-57-8	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	76000	U	2000		4500		16000	U	42000	U	170000	U	220000	U	1500		4600	
2-Methylphenol	95-48-7	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
2-Nitroaniline	88-74-4	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
2-Nitrophenol	88-75-5	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	140000	U	82000	U	35000	U	31000	U	88000	U	340000	U	450000	U	260000	U	260000	U
3-Nitroaniline	99-09-2	ppb-TOC	140000	U	82000	U	35000	U	31000	U	88000	U	340000	U	450000	U	260000	U	260000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	220000	U	120000	U	52000	U	46000	U	130000	U	520000	U	680000	U	390000	U	400000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
4-Chloroaniline	106-47-8	ppb-TOC	76000	U	39000	U	18000	U	16000	U	11000		170000	U	3000		130000	U	130000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
4-Methylphenol	106-44-5	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
4-Nitroaniline	100-01-6	ppb-TOC	140000	U	82000	U	35000	U	31000	U	88000	U	340000	U	450000	U	260000	U	260000	U
4-Nitrophenol	100-02-7	ppb-TOC	220000	U	120000	U	52000	U	46000	U	130000	U	520000	U	680000	U	390000	U	400000	U
Acenaphthene	83-32-9	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	1900		10000	
Acenaphthylene	208-96-8	ppb-TOC	76000	U	10000		12000		16000	U	8800		11000		9100		6300		29000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	76000	U	45000		12000		16000	U	42000		20000		15000		9100		49000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	76000	U	41000		23000		16000	U	23000		36000		31000		56000		110000	
Benzo(a)pyrene	50-32-8	ppb-TOC	76000	U	31000		21000		16000	U	21000		49000		45000		72000		120000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	76000	U	35000		25000		16000	U	26000		55000		45000		63000		97000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	76000	U	24000		13000		16000	U	15000		28000		23000		40000		63000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	76000	U	19000		11000		16000	U	8800		28000		20000		33000		57000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	140000	U	190000		18000		31000	U	460000		180000		330000		26000		260000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	6100		3700		130000	U	130000	U
Chrysene	218-01-9	ppb-TOC	76000	U	45000		28000		16000	U	27000		44000		34000		67000		120000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	76000	U	7600		18000	U	16000	U	42000	U	10000		10000		6300		16000	
Dibenzofuran	132-64-9	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	2300	
Diethyl phthalate	84-66-2	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
Dimethylphthalate	131-11-3	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
Fluoranthene	206-44-0	ppb-TOC	76000	U	76000		44000		16000	U	50000		59000		55000		84000		150000	
Fluorene	86-73-7	ppb-TOC	76000	U	8000		4100		16000	U	13000		5800		3700		2300		8000	
Hexachlorobenzene	118-74-1	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	220000	U	120000	U	52000	U	46000	U	130000	U	520000	U	680000	U	390000	U	400000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED018		NB01SED019		NB01SED019		NB01SED019		NB01SED019		NB01SED020		NB01SED020		NB01SED020		NB01SED020	
		Sample Name	NB01SED018D-02		NB01SED019A-01		NB01SED019A-02		NB01SED019A-03		NB01SED019A-04		NB01SED020A-01		NB01SED020A-02		NB01SED020A-03		NB01SED020A-04	
		Date Collected	11/6/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005	
		Depth	0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	76000	U	15000		10000		16000	U	12000		26000		25000		18000		46000	
Isophorone	78-59-1	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
Naphthalene	91-20-3	ppb-TOC	76000	U	3900		6500		16000	U	42000	U	170000	U	3600		2600		6600	
Nitrobenzene	98-95-3	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	76000	U	39000	U	18000	U	16000	U	42000	U	170000	U	220000	U	130000	U	130000	U
Pentachlorophenol	87-86-5	ppb-TOC	220000	U	120000	U	52000	U	46000	U	130000	U	520000	U	680000	U	390000	U	400000	U
Phenanthrene	85-01-8	ppb-TOC	76000	U	18000		5700		16000	U	33000		29000		15000		26000		34000	
Phenol	108-95-2	ppb-TOC	76000	U	2900		18000	U	16000	U	54000		170000	U	220000	U	130000	U	130000	U
Pyrene	129-00-0	ppb-TOC	20000		120000		44000		16000	U	46000		81000		64000		100000		180000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	20000		410000		220000		16000	U	230000		420000		350000		540000		940000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	76000	U	88000		44000		16000	U	96000		65000		45000		51000		140000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	20000		490000		260000		16000	U	330000		480000		400000		600000		1100000	

		Location ID	NB01SED020		NB01SED020		NB01SED021		NB01SED021		NB01SED022		NB01SED022		NB01SED022		NB01SED022		NB01SED023	
		Sample Name	NB01SED020A-05		NB01SED020A-06		NB01SED021B-01		NB01SED021B-02		NB01SED022A-01		NB01SED022A-02		NB01SED022A-03		NB01SED022A-04		NB01SED023A-01	
		Date Collected	11/8/2005		11/8/2005		11/20/2005		11/20/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/1/2005	
		Depth	3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	3000		3000		2700	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	710000	U	700000	U	340000	U	460000	U	480000	U	330000	U	660000	U	670000	U	65000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
2-Chlorophenol	95-57-8	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	5500		6700		67000	U	91000	U	95000	U	64000	U	2800		3100		13000	U
2-Methylphenol	95-48-7	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
2-Nitroaniline	88-74-4	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
2-Nitrophenol	88-75-5	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	280000	U	270000	U	130000	U	180000	U	190000	U	130000	U	260000	U	260000	U	27000	U
3-Nitroaniline	99-09-2	ppb-TOC	280000	U	270000	U	130000	U	180000	U	190000	U	130000	U	260000	U	260000	U	27000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	420000	U	400000	U	210000	U	280000	U	280000	U	200000	U	380000	U	400000	U	40000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
4-Chloroaniline	106-47-8	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
4-Methylphenol	106-44-5	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
4-Nitroaniline	100-01-6	ppb-TOC	280000	U	270000	U	130000	U	180000	U	190000	U	130000	U	260000	U	260000	U	27000	U
4-Nitrophenol	100-02-7	ppb-TOC	420000	U	400000	U	210000	U	280000	U	280000	U	200000	U	380000	U	400000	U	40000	U
Acenaphthene	83-32-9	ppb-TOC	14000		15000		67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
Acenaphthylene	208-96-8	ppb-TOC	39000		53000		3600		91000	U	95000	U	64000	U	7600		7300		13000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	58000		77000		4600		5300		95000	U	64000	U	10000		15000		13000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	140000		180000		46000		12000		24000		22000		26000		29000		34000	
Benzo(a)pyrene	50-32-8	ppb-TOC	130000		210000		42000		20000		40000		35000		41000		27000		57000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	110000		200000		52000		28000		51000		44000		48000		32000		65000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	71000		110000		26000		8500		25000		26000		27000		19000		37000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	68000		83000		24000		7600		23000		24000		28000		17000		23000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	280000	U	270000	U	67000		90000		150000		190000		520000		1000000		110000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	140000	U	2500		67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
Chrysene	218-01-9	ppb-TOC	140000		220000		42000		24000		33000		28000		34000		30000		37000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	17000		37000		3400		91000	U	95000	U	64000	U	9000		6700		10000	
Dibenzofuran	132-64-9	ppb-TOC	2900		3100		67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
Diethyl phthalate	84-66-2	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
Dimethylphthalate	131-11-3	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
Fluoranthene	206-44-0	ppb-TOC	190000		270000		54000		30000		44000		33000		48000		53000		42000	
Fluorene	86-73-7	ppb-TOC	17000		17000		67000	U	91000	U	95000	U	64000	U	3400		3300		3300	
Hexachlorobenzene	118-74-1	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	420000	U	400000	U	210000	U	280000	U	280000	U	200000	U	380000	U	400000	U	40000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED020		NB01SED020		NB01SED021		NB01SED021		NB01SED022		NB01SED022		NB01SED022		NB01SED022		NB01SED023	
		Sample Name	NB01SED020A-05		NB01SED020A-06		NB01SED021B-01		NB01SED021B-02		NB01SED022A-01		NB01SED022A-02		NB01SED022A-03		NB01SED022A-04		NB01SED023A-01	
		Date Collected	11/8/2005		11/8/2005		11/20/2005		11/20/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/1/2005	
		Depth	3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	55000		90000		22000		8400		21000		20000		25000		19000		30000	
Isophorone	78-59-1	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
Naphthalene	91-20-3	ppb-TOC	9400		22000		16000		91000	U	95000	U	64000	U	4500		5700		3900	
Nitrobenzene	98-95-3	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
Pentachlorophenol	87-86-5	ppb-TOC	420000	U	400000	U	210000	U	280000	U	280000	U	200000	U	380000	U	400000	U	40000	U
Phenanthrene	85-01-8	ppb-TOC	84000		120000		14000		5500		19000		13000		13000		13000		17000	
Phenol	108-95-2	ppb-TOC	140000	U	140000	U	67000	U	91000	U	95000	U	64000	U	130000	U	130000	U	13000	U
Pyrene	129-00-0	ppb-TOC	210000		280000		51000		35000		58000		56000		69000		60000		65000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	1100000		1700000		360000		170000		320000		290000		340000		290000		400000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	230000		310000		38000		11000		19000		13000		41000		47000		52000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1400000		2000000		400000		180000		340000		300000		410000		330000		430000	

		Location ID	NB01SED023		NB01SED023		NB01SED023		NB01SED024		NB01SED024		NB01SED025		NB01SED025		NB01SED025		NB01SED025	
		Sample Name	NB01SED023A-02		NB01SED023A-03		NB01SED023A-04		NB01SED024B-01		NB01SED024B-02		NB01SED025B-01		NB01SED025B-02		NB01SED025B-03		NB01SED025B-04	
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	4400		45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	64000	U	230000	U	170000	U	450000	U	620000	U	2900000	U	510000	U	440000	U	470000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
2-Chlorophenol	95-57-8	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
2-Methylphenol	95-48-7	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
2-Nitroaniline	88-74-4	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
2-Nitrophenol	88-75-5	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	26000	U	88000	U	70000	U	180000	U	250000	U	1100000	U	200000	U	160000	U	190000	U
3-Nitroaniline	99-09-2	ppb-TOC	26000	U	88000	U	70000	U	180000	U	250000	U	1100000	U	200000	U	160000	U	190000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	39000	U	140000	U	100000	U	270000	U	370000	U	1600000	U	300000	U	250000	U	270000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
4-Chloroaniline	106-47-8	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
4-Methylphenol	106-44-5	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
4-Nitroaniline	100-01-6	ppb-TOC	26000	U	88000	U	70000	U	180000	U	250000	U	1100000	U	200000	U	160000	U	190000	U
4-Nitrophenol	100-02-7	ppb-TOC	39000	U	140000	U	100000	U	270000	U	370000	U	1600000	U	300000	U	250000	U	270000	U
Acenaphthene	83-32-9	ppb-TOC	13000	U	45000	U	28000		93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
Acenaphthylene	208-96-8	ppb-TOC	9600		12000		45000		6200		120000	U	11000		98000	U	25000		42000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	32000		16000		89000		7300		10000		8500		26000		49000		84000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	28000		36000		110000		21000		31000		37000		36000		63000		86000	
Benzo(a)pyrene	50-32-8	ppb-TOC	28000		43000		81000		26000		33000		41000		34000		48000		66000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	32000		38000		79000		34000		46000		54000		39000		58000		70000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	19000		25000		47000		18000		19000		36000		20000		27000		31000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	13000		19000		40000		13000		21000		19000		25000		22000		27000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	230000		69000		16000		93000		110000		150000		200000	U	160000	U	190000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
Chrysene	218-01-9	ppb-TOC	35000		45000		110000		25000		35000		44000		41000		68000		94000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	4400		45000	U	12000		6700		120000	U	12000		98000	U	84000	U	91000	U
Dibenzofuran	132-64-9	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
Diethyl phthalate	84-66-2	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
Dimethylphthalate	131-11-3	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
Fluoranthene	206-44-0	ppb-TOC	60000		54000		160000		38000		54000		46000		66000		97000		140000	
Fluorene	86-73-7	ppb-TOC	3800		45000	U	15000		93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
Hexachlorobenzene	118-74-1	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	39000	U	140000	U	100000	U	270000	U	370000	U	1600000	U	300000	U	250000	U	270000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED023		NB01SED023		NB01SED023		NB01SED024		NB01SED024		NB01SED025		NB01SED025		NB01SED025		NB01SED025	
		Sample Name	NB01SED023A-02		NB01SED023A-03		NB01SED023A-04		NB01SED024B-01		NB01SED024B-02		NB01SED025B-01		NB01SED025B-02		NB01SED025B-03		NB01SED025B-04	
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	13000		17000		36000		18000		19000		31000		98000	U	23000		27000	
Isophorone	78-59-1	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
Naphthalene	91-20-3	ppb-TOC	3400		45000	U	10000		93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
Nitrobenzene	98-95-3	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	68000		91000	U
Pentachlorophenol	87-86-5	ppb-TOC	39000	U	140000	U	100000	U	270000	U	370000	U	1600000	U	300000	U	250000	U	270000	U
Phenanthrene	85-01-8	ppb-TOC	8400		11000		81000		11000		16000		17000		98000	U	22000		45000	
Phenol	108-95-2	ppb-TOC	13000	U	45000	U	34000	U	93000	U	120000	U	540000	U	98000	U	84000	U	91000	U
Pyrene	129-00-0	ppb-TOC	72000		69000		190000		43000		56000		64000		92000		130000		190000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	300000		340000		850000		240000		310000		390000		360000		530000		730000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	56000		39000		260000		25000		27000		37000		26000		96000		170000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	360000		380000		1100000		270000		350000		420000		380000		630000		910000	

		Location ID	NB01SED025		NB01SED025		NB01SED026		NB01SED026		NB01SED027		NB01SED027		NB01SED027		NB01SED028		NB01SED028	
		Sample Name	NB01SED025B-05		NB01SED025B-06		NB01SED026A-01		NB01SED026A-03		NB01SED027A-01		NB01SED027A-02		NB01SED027A-03		NB01SED028C-01		NB01SED028C-02	
		Date Collected	11/8/2005		11/8/2005		11/2/2005		11/2/2005		11/14/2005		11/14/2005		11/14/2005		11/9/2005		11/9/2005	
		Depth	3.5-5.0		5.0-6.5		0.0-0.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	97000	U	130000	U	7400		81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	500000	U	680000	U	84000	U	380000	U	2200000	U	2300000	U	3500000	U	2000000	U	390000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
2-Chlorophenol	95-57-8	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	97000	U	16000		6300		81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
2-Methylphenol	95-48-7	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
2-Nitroaniline	88-74-4	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
2-Nitrophenol	88-75-5	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	190000	U	250000	U	33000	U	160000	U	860000	U	900000	U	1400000	U	820000	U	160000	U
3-Nitroaniline	99-09-2	ppb-TOC	190000	U	250000	U	33000	U	160000	U	860000	U	900000	U	1400000	U	820000	U	160000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	290000	U	380000	U	49000	U	240000	U	1300000	U	1400000	U	2000000	U	1300000	U	230000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
4-Chloroaniline	106-47-8	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
4-Methylphenol	106-44-5	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
4-Nitroaniline	100-01-6	ppb-TOC	190000	U	250000	U	33000	U	160000	U	860000	U	900000	U	1400000	U	820000	U	160000	U
4-Nitrophenol	100-02-7	ppb-TOC	290000	U	380000	U	49000	U	240000	U	1300000	U	1400000	U	2000000	U	1300000	U	230000	U
Acenaphthene	83-32-9	ppb-TOC	31000		38000		12000		81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
Acenaphthylene	208-96-8	ppb-TOC	45000		49000		13000		22000		430000	U	450000	U	670000	U	5900		76000	U
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	71000		95000		44000		20000		7600		450000	U	670000	U	7700		76000	U
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	87000		140000		39000		32000		22000		15000		22000		21000		17000	
Benzo(a)pyrene	50-32-8	ppb-TOC	63000		100000		34000		54000		26000		18000		18000		34000		30000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	69000		110000		47000		50000		47000		28000		38000		45000		38000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	34000		49000		21000		29000		18000		12000		14000		24000		20000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	29000		38000		15000		27000		14000		11000		15000		27000		18000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	190000	U	250000	U	1500000		150000		130000		89000		140000		140000		140000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	97000	U	130000	U	17000	U	81000	U	40000		450000	U	58000		400000	U	76000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	97000	U	130000	U	11000		81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
Chrysene	218-01-9	ppb-TOC	100000		160000		44000		35000		26000		15000		20000		30000		24000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	97000	U	20000		5800		81000	U	6800		450000	U	670000	U	6800		76000	U
Dibenzofuran	132-64-9	ppb-TOC	97000	U	9700		4300		81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
Diethyl phthalate	84-66-2	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
Dimethylphthalate	131-11-3	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	15000		24000		400000	U	76000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	97000	U	130000	U	17000	U	81000	U	36000		450000	U	670000	U	400000	U	76000	U
Fluoranthene	206-44-0	ppb-TOC	130000		220000		110000		31000		36000		26000		47000		34000		26000	
Fluorene	86-73-7	ppb-TOC	19000		35000		13000		81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
Hexachlorobenzene	118-74-1	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	290000	U	380000	U	49000	U	240000	U	1300000	U	1400000	U	2000000	U	1300000	U	230000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED025		NB01SED025		NB01SED026		NB01SED026		NB01SED027		NB01SED027		NB01SED027		NB01SED028		NB01SED028	
		Sample Name	NB01SED025B-05		NB01SED025B-06		NB01SED026A-01		NB01SED026A-03		NB01SED027A-01		NB01SED027A-02		NB01SED027A-03		NB01SED028C-01		NB01SED028C-02	
		Date Collected	11/8/2005		11/8/2005		11/2/2005		11/2/2005		11/14/2005		11/14/2005		11/14/2005		11/9/2005		11/9/2005	
		Depth	3.5-5.0		5.0-6.5		0.0-0.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	24000		41000		17000		27000		20000		13000		16000		24000		16000	
Isophorone	78-59-1	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
Naphthalene	91-20-3	ppb-TOC	97000	U	20000		8900		81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
Nitrobenzene	98-95-3	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	97000	U	130000	U	17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
Pentachlorophenol	87-86-5	ppb-TOC	290000	U	380000	U	49000	U	240000	U	1300000	U	1400000	U	2000000	U	1300000	U	230000	U
Phenanthrene	85-01-8	ppb-TOC	100000		180000		34000		81000	U	14000		9000		18000		13000		76000	U
Phenol	108-95-2	ppb-TOC	97000	U	2100		17000	U	81000	U	430000	U	450000	U	670000	U	400000	U	76000	U
Pyrene	129-00-0	ppb-TOC	160000		230000		100000		150000		38000		31000		47000		55000		39000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	690000		1100000		430000		420000		250000		170000		240000		300000		230000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	270000		430000		130000		42000		22000		9000		18000		26000		76000	U
TOTAL PAHs - SVOC	No CAS	ppb-TOC	970000		1500000		580000		460000		280000		180000		250000		330000		230000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029	
		Sample Name	NB01SED028C-03		NB01SED028C-04		NB01SED028C-05		NB01SED028C-06		NB01SED029C-01		NB01SED029C-02		NB01SED029C-03		NB01SED029C-04		NB01SED029C-05	
		Date Collected	11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
		Depth	1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	86000	U	290000	U	3200		67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	86000	U	2500		2500		67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	86000	U	6200		5700		67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	420000	U	1400000	U	1300000	U	340000	U	270000	U	310000	U	310000	U	260000	U	230000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
2-Chlorophenol	95-57-8	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	86000	U	290000	U	3300		67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
2-Methylphenol	95-48-7	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
2-Nitroaniline	88-74-4	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
2-Nitrophenol	88-75-5	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	170000	U	560000	U	530000	U	140000	U	110000	U	130000	U	130000	U	110000	U	95000	U
3-Nitroaniline	99-09-2	ppb-TOC	170000	U	560000	U	530000	U	140000	U	110000	U	130000	U	130000	U	110000	U	95000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	250000	U	880000	U	830000	U	200000	U	160000	U	190000	U	190000	U	150000	U	140000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
4-Chloroaniline	106-47-8	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	3900	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
4-Methylphenol	106-44-5	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
4-Nitroaniline	100-01-6	ppb-TOC	170000	U	560000	U	530000	U	140000	U	110000	U	130000	U	130000	U	110000	U	95000	U
4-Nitrophenol	100-02-7	ppb-TOC	250000	U	880000	U	830000	U	200000	U	160000	U	190000	U	190000	U	150000	U	140000	U
Acenaphthene	83-32-9	ppb-TOC	86000	U	290000	U	6200		16000		54000	U	63000	U	63000	U	52000	U	47000	U
Acenaphthylene	208-96-8	ppb-TOC	86000	U	7900		10000		34000		4500		4700		13000		6300		42000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	86000	U	16000		150000		48000		11000		27000		16000		7400		35000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	24000		29000		59000		120000		24000		21000		33000		17000		180000	
Benzo(a)pyrene	50-32-8	ppb-TOC	37000		38000		45000		130000		33000		28000		43000		27000		180000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	47000		53000		58000		110000		40000		34000		53000		34000		180000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	23000		21000		23000		67000		26000		21000		32000		20000		110000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	23000		23000		27000		57000		17000		17000		23000		17000		70000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	1000000		2600000		500000		140000	U	110000		110000		140000		89000		150000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	6300		63000	U	52000	U	47000	U
Chrysene	218-01-9	ppb-TOC	30000		38000		62000		150000		28000		23000		36000		19000		180000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	86000	U	6200		7500		18000		4300		4900		4300		7900		36000	
Dibenzofuran	132-64-9	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
Diethyl phthalate	84-66-2	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
Dimethylphthalate	131-11-3	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	86000	U	290000	U	32000		67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
Fluoranthene	206-44-0	ppb-TOC	47000		82000		150000		200000		39000		35000		50000		26000		170000	
Fluorene	86-73-7	ppb-TOC	86000	U	290000	U	7900		13000		54000	U	63000	U	63000	U	52000	U	9500	
Hexachlorobenzene	118-74-1	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	250000	U	880000	U	830000	U	200000	U	160000	U	190000	U	190000	U	150000	U	140000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029	
		Sample Name	NB01SED028C-03		NB01SED028C-04		NB01SED028C-05		NB01SED028C-06		NB01SED029C-01		NB01SED029C-02		NB01SED029C-03		NB01SED029C-04		NB01SED029C-05	
		Date Collected	11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
		Depth	1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	21000		24000		24000		52000		23000		18000		26000		17000		85000	
Isophorone	78-59-1	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
Naphthalene	91-20-3	ppb-TOC	86000	U	4700		4700		67000	U	54000	U	63000	U	63000	U	4000		47000	U
Nitrobenzene	98-95-3	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	86000	U	290000	U	270000	U	67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
Pentachlorophenol	87-86-5	ppb-TOC	250000	U	880000	U	830000	U	200000	U	160000	U	190000	U	190000	U	150000	U	140000	U
Phenanthrene	85-01-8	ppb-TOC	86000	U	11000		19000		43000		14000		16000		15000		12000		27000	
Phenol	108-95-2	ppb-TOC	86000	U	2500		4400		67000	U	54000	U	63000	U	63000	U	52000	U	47000	U
Pyrene	129-00-0	ppb-TOC	62000		82000		120000		240000		46000		38000		54000		37000		210000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	310000		410000		590000		1100000		280000		240000		350000		220000		1400000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	86000	U	41000		200000		150000		29000		47000		43000		30000		120000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	310000		440000		780000		1300000		310000		290000		390000		250000		1500000	

		Location ID	NB01SED029		NB01SED030		NB01SED030		NB01SED031		NB01SED031		NB01SED031		NB01SED032		NB01SED032		NB01SED032	
		Sample Name	NB01SED029C-06		NB01SED030B-01		NB01SED030B-02		NB01SED031A-01		NB01SED031A-02		NB01SED031A-03		NB01SED032A-01		NB01SED032A-02		NB01SED032A-03	
		Date Collected	11/15/2005		11/15/2005		11/15/2005		11/14/2005		11/14/2005		11/14/2005		11/13/2005		11/13/2005		11/13/2005	
		Depth	4.5-5.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	3000	
1,2-Dichlorobenzene	95-50-1	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	2400		5800	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	240000	U	350000	U	290000	U	280000	U	290000	U	210000	U	1300000	U	1500000	U	1100000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
2-Chlorophenol	95-57-8	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	2200		200000	U
2-Methylphenol	95-48-7	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
2-Nitroaniline	88-74-4	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
2-Nitrophenol	88-75-5	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	95000	U	140000	U	120000	U	110000	U	120000	U	86000	U	500000	U	600000	U	420000	U
3-Nitroaniline	99-09-2	ppb-TOC	95000	U	140000	U	120000	U	110000	U	120000	U	86000	U	500000	U	600000	U	420000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	140000	U	210000	U	170000	U	170000	U	180000	U	120000	U	730000	U	850000	U	610000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
4-Chloroaniline	106-47-8	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	2500		7100	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
4-Methylphenol	106-44-5	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
4-Nitroaniline	100-01-6	ppb-TOC	95000	U	140000	U	120000	U	110000	U	120000	U	86000	U	500000	U	600000	U	420000	U
4-Nitrophenol	100-02-7	ppb-TOC	140000	U	210000	U	170000	U	170000	U	180000	U	120000	U	730000	U	850000	U	610000	U
Acenaphthene	83-32-9	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
Acenaphthylene	208-96-8	ppb-TOC	10000		5600		58000	U	7900		8100		4100		7300		4400		6800	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	18000		65000		5200		11000		14000		7600		7300		5500		16000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	25000		32000		21000		14000		25000		18000		20000		15000		28000	
Benzo(a)pyrene	50-32-8	ppb-TOC	39000		35000		26000		18000		32000		10000		36000		23000		39000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	43000		51000		36000		18000		44000		12000		50000		34000		48000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	31000		29000		19000		13000		21000		15000		20000		14000		23000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	22000		18000		14000		23000		14000		14000		22000		15000		23000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	280000		92000		79000		52000		110000		120000		160000		2000000		2800000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	48000	U	24000		58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
Chrysene	218-01-9	ppb-TOC	33000		33000		21000		14000		24000		10000		29000		19000		45000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	3000		70000	U	58000	U	7900		8800		4000		6800		5500		7400	
Dibenzofuran	132-64-9	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
Diethyl phthalate	84-66-2	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
Dimethylphthalate	131-11-3	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	48000	U	70000	U	58000	U	140000		59000	U	42000	U	250000	U	290000	U	200000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	22000	
Fluoranthene	206-44-0	ppb-TOC	48000		43000		37000		19000		38000		13000		30000		28000		84000	
Fluorene	86-73-7	ppb-TOC	48000	U	70000	U	58000	U	58000	U	5100		42000	U	250000	U	2400		200000	U
Hexachlorobenzene	118-74-1	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	140000	U	210000	U	170000	U	170000	U	180000	U	120000	U	730000	U	850000	U	610000	U

		Location ID	NB01SED029		NB01SED030		NB01SED030		NB01SED031		NB01SED031		NB01SED031		NB01SED032		NB01SED032		NB01SED032	
		Sample Name	NB01SED029C-06		NB01SED030B-01		NB01SED030B-02		NB01SED031A-01		NB01SED031A-02		NB01SED031A-03		NB01SED032A-01		NB01SED032A-02		NB01SED032A-03	
		Date Collected	11/15/2005		11/15/2005		11/15/2005		11/14/2005		11/14/2005		11/14/2005		11/13/2005		11/13/2005		11/13/2005	
		Depth	4.5-5.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	25000		23000		14000		24000		17000		15000		24000		17000		23000	
Isophorone	78-59-1	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
Naphthalene	91-20-3	ppb-TOC	48000	U	70000	U	58000	U	5800		6100		3400		3900		3200		4500	
Nitrobenzene	98-95-3	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	290000	U	200000	U
Pentachlorophenol	87-86-5	ppb-TOC	140000	U	210000	U	170000	U	170000	U	180000	U	120000	U	730000	U	850000	U	610000	U
Phenanthrene	85-01-8	ppb-TOC	15000		28000		13000		15000		13000		10000		12000		7500		9400	
Phenol	108-95-2	ppb-TOC	48000	U	70000	U	58000	U	58000	U	59000	U	42000	U	250000	U	5500		3900	
Pyrene	129-00-0	ppb-TOC	57000		47000		42000		25000		46000		15000		55000		43000		81000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	320000		320000		230000		170000		270000		130000		290000		210000		390000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	43000		100000		18000		39000		46000		26000		30000		25000		35000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	370000		410000		250000		220000		310000		150000		320000		240000		450000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED032		NB01SED033A		NB01SED033A		NB01SED034A		NB01SED034A		NB01SED034A		NB01SED035A		NB01SED036		NB01SED036	
		Sample Name	NB01SED032A-04		NB01SED033AD-01		NB01SED033AD-02		NB01SED034AC-01		NB01SED034AC-02		NB01SED034AC-03		NB01SED035AC-01		NB01SED036F-01		NB01SED036F-02	
		Date Collected	11/13/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		11/27/2005		11/27/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	5000		55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	7100		55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	2000		33000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	1100000	U	270000	U	270000	U	350000	U	270000	U	240000	U	300000	U	170000	U	170000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
2-Chlorophenol	95-57-8	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	4200		55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	2500		33000	U
2-Methylphenol	95-48-7	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
2-Nitroaniline	88-74-4	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
2-Nitrophenol	88-75-5	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	420000	U	110000	U	110000	U	140000	U	110000	U	95000	U	120000	U	69000	U	69000	U
3-Nitroaniline	99-09-2	ppb-TOC	420000	U	110000	U	110000	U	140000	U	110000	U	95000	U	120000	U	69000	U	69000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	670000	U	160000	U	170000	U	200000	U	160000	U	150000	U	180000	U	100000	U	100000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
4-Chloroaniline	106-47-8	ppb-TOC	7500		55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	8600		8300	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
4-Methylphenol	106-44-5	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
4-Nitroaniline	100-01-6	ppb-TOC	420000	U	110000	U	110000	U	140000	U	110000	U	95000	U	120000	U	69000	U	69000	U
4-Nitrophenol	100-02-7	ppb-TOC	670000	U	160000	U	170000	U	200000	U	160000	U	150000	U	180000	U	100000	U	100000	U
Acenaphthene	83-32-9	ppb-TOC	4600		55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	4900		2900	
Acenaphthylene	208-96-8	ppb-TOC	11000		14000		55000	U	15000		4500		50000	U	62000	U	4200		3600	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	180000		16000		55000	U	15000		11000		50000	U	13000		10000		9300	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	63000		33000		26000		40000		23000		19000		30000		34000		31000	
Benzo(a)pyrene	50-32-8	ppb-TOC	63000		44000		33000		45000		28000		28000		38000		32000		33000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	83000		51000		40000		64000		39000		28000		52000		69000		55000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	46000		31000		27000		36000		21000		24000		33000		32000		36000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	27000		21000		18000		25000		14000		15000		21000		23000		23000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	710000		110000		130000		200000		150000		140000		190000		380000		290000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	2900		2600	
Chrysene	218-01-9	ppb-TOC	83000		39000		28000		45000		25000		21000		44000		54000		45000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	11000		55000	U	55000	U	6400		4100		50000	U	62000	U	8900		7100	
Dibenzofuran	132-64-9	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	2300		33000	U
Diethyl phthalate	84-66-2	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
Dimethylphthalate	131-11-3	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	46000		55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	18000		15000	
Fluoranthene	206-44-0	ppb-TOC	170000		51000		47000		59000		41000		31000		52000		110000		93000	
Fluorene	86-73-7	ppb-TOC	8300		55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	4600		3300	
Hexachlorobenzene	118-74-1	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	670000	U	160000	U	170000	U	200000	U	160000	U	150000	U	180000	U	100000	U	100000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED032		NB01SED033A		NB01SED033A		NB01SED034A		NB01SED034A		NB01SED034A		NB01SED035A		NB01SED036		NB01SED036	
		Sample Name	NB01SED032A-04		NB01SED033AD-01		NB01SED033AD-02		NB01SED034AC-01		NB01SED034AC-02		NB01SED034AC-03		NB01SED035AC-01		NB01SED036F-01		NB01SED036F-02	
		Date Collected	11/13/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		11/27/2005		11/27/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	33000		26000		21000		31000		19000		17000		25000		25000		29000	
Isophorone	78-59-1	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
Naphthalene	91-20-3	ppb-TOC	6700		55000	U	55000	U	5000		3800		50000	U	62000	U	2200		33000	U
Nitrobenzene	98-95-3	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	220000	U	55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	5500	
Pentachlorophenol	87-86-5	ppb-TOC	670000	U	160000	U	170000	U	200000	U	160000	U	150000	U	180000	U	100000	U	100000	U
Phenanthrene	85-01-8	ppb-TOC	23000		17000		13000		22000		12000		3700		18000		28000		24000	
Phenol	108-95-2	ppb-TOC	4200		55000	U	55000	U	68000	U	51000	U	50000	U	62000	U	35000	U	33000	U
Pyrene	129-00-0	ppb-TOC	150000		54000		50000		68000		45000		36000		57000		89000		83000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	710000		350000		290000		420000		260000		220000		350000		480000		430000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	230000		47000		13000		59000		21000		3700		31000		57000		43000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	960000		400000		300000		500000		280000		220000		390000		520000		480000	

		Location ID	NB01SED036		NB01SED037		NB01SED037		NB01SED037		NB01SED037		NB01SED038		NB01SED038		NB01SED038		NB01SED038	
		Sample Name	NB01SED036F-03		NB01SED037C-01		NB01SED037C-02		NB01SED037C-03		NB01SED037C-04		NB01SED038A-01		NB01SED038A-02		NB01SED038A-03		NB01SED038A-04	
		Date Collected	11/27/2005		11/14/2005		11/14/2005		11/14/2005		11/14/2005		11/20/2005		11/20/2005		11/20/2005		11/20/2005	
		Depth	1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	39000	U	5100		2400		4000		74000	U	89000	U	90000	U	76000	U	73000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	39000	U	6000		3300		4800		74000	U	89000	U	90000	U	76000	U	73000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	200000	U	350000	U	160000	U	250000	U	370000	U	450000	U	450000	U	380000	U	350000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
2-Chlorophenol	95-57-8	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	39000	U	5000		2100		4000		74000	U	89000	U	90000	U	76000	U	73000	U
2-Methylphenol	95-48-7	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
2-Nitroaniline	88-74-4	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
2-Nitrophenol	88-75-5	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	77000	U	140000	U	64000	U	100000	U	150000	U	180000	U	180000	U	160000	U	150000	U
3-Nitroaniline	99-09-2	ppb-TOC	77000	U	140000	U	64000	U	100000	U	150000	U	180000	U	180000	U	160000	U	150000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	120000	U	210000	U	96000	U	150000	U	220000	U	280000	U	280000	U	220000	U	220000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
4-Chloroaniline	106-47-8	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
4-Methylphenol	106-44-5	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
4-Nitroaniline	100-01-6	ppb-TOC	77000	U	140000	U	64000	U	100000	U	150000	U	180000	U	180000	U	160000	U	150000	U
4-Nitrophenol	100-02-7	ppb-TOC	120000	U	210000	U	96000	U	150000	U	220000	U	280000	U	280000	U	220000	U	220000	U
Acenaphthene	83-32-9	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
Acenaphthylene	208-96-8	ppb-TOC	2700		17000		7800		26000		74000	U	89000	U	90000	U	76000	U	73000	U
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	12000		20000		9600		30000		74000	U	89000	U	90000	U	76000	U	73000	U
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	25000		45000		20000		60000		9100		36000		90000	U	76000	U	73000	U
Benzo(a)pyrene	50-32-8	ppb-TOC	26000		70000		33000		88000		12000		37000		6300		76000	U	73000	U
Benzo(b)fluoranthene	205-99-2	ppb-TOC	42000		89000		36000		84000		11000		42000		90000	U	76000	U	73000	U
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	26000		55000		24000		60000		6000		21000		90000	U	76000	U	73000	U
Benzo(k)fluoranthene	207-08-9	ppb-TOC	18000		39000		20000		48000		74000	U	22000		90000	U	76000	U	73000	U
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	180000		340000		440000		720000		150000	U	70000		180000	U	160000	U	150000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	38000		90000	U	76000	U	73000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
Chrysene	218-01-9	ppb-TOC	32000		47000		24000		72000		8500		39000		90000	U	76000	U	73000	U
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	2900		18000		6400		13000		74000	U	6700		90000	U	76000	U	73000	U
Dibenzofuran	132-64-9	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
Diethyl phthalate	84-66-2	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
Dimethylphthalate	131-11-3	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	39000	U	280000		31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	5500		68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
Fluoranthene	206-44-0	ppb-TOC	58000		56000		36000		96000		74000	U	47000		90000	U	76000	U	73000	U
Fluorene	86-73-7	ppb-TOC	39000	U	5700		2200		52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
Hexachlorobenzene	118-74-1	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	120000	U	210000	U	96000	U	150000	U	220000	U	280000	U	280000	U	220000	U	220000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED036		NB01SED037		NB01SED037		NB01SED037		NB01SED037		NB01SED038		NB01SED038		NB01SED038		NB01SED038	
		Sample Name	NB01SED036F-03		NB01SED037C-01		NB01SED037C-02		NB01SED037C-03		NB01SED037C-04		NB01SED038A-01		NB01SED038A-02		NB01SED038A-03		NB01SED038A-04	
		Date Collected	11/27/2005		11/14/2005		11/14/2005		11/14/2005		11/14/2005		11/20/2005		11/20/2005		11/20/2005		11/20/2005	
		Depth	1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	21000		38000		16000		39000		6000		18000		90000	U	76000	U	73000	U
Isophorone	78-59-1	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
Naphthalene	91-20-3	ppb-TOC	39000	U	11000		4000		11000		74000	U	89000	U	51000		76000	U	73000	U
Nitrobenzene	98-95-3	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
Pentachlorophenol	87-86-5	ppb-TOC	120000	U	210000	U	96000	U	150000	U	220000	U	280000	U	280000	U	220000	U	220000	U
Phenanthrene	85-01-8	ppb-TOC	17000		21000		7800		15000		74000	U	20000		90000	U	76000	U	73000	U
Phenol	108-95-2	ppb-TOC	39000	U	68000	U	31000	U	52000	U	74000	U	89000	U	90000	U	76000	U	73000	U
Pyrene	129-00-0	ppb-TOC	58000		87000		60000		130000		18000		61000		90000	U	76000	U	73000	U
Total HMW PAHs-SVOC	No CAS	ppb-TOC	310000		550000		270000		680000		69000		330000		6300		76000	U	73000	U
Total LMW PAHs-SVOC	No CAS	ppb-TOC	32000		81000		33000		88000		74000	U	20000		51000		76000	U	73000	U
TOTAL PAHs - SVOC	No CAS	ppb-TOC	350000		620000		310000		760000		69000		360000		58000		76000	U	73000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED039		NB01SED039		NB01SED039		NB01SED039		NB01SED040		NB01SED040		NB01SED040		NB01SED040		NB01SED041	
		Sample Name	NB01SED039A-01		NB01SED039A-02		NB01SED039A-03		NB01SED039A-04		NB01SED040A-01		NB01SED040A-02		NB01SED040A-03		NB01SED040A-04		NB01SED041A-01	
		Date Collected	11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	220000	U	230000	U	440000	U	570000	U	130000	U	160000	U	150000	U	130000	U	250000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
2-Chlorophenol	95-57-8	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	9400		45000	U	88000	U	110000	U	7600		6900		11000		34000		51000	U
2-Methylphenol	95-48-7	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
2-Nitroaniline	88-74-4	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
2-Nitrophenol	88-75-5	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	89000	U	90000	U	180000	U	220000	U	53000	U	63000	U	62000	U	54000	U	100000	U
3-Nitroaniline	99-09-2	ppb-TOC	89000	U	90000	U	180000	U	220000	U	53000	U	63000	U	62000	U	54000	U	100000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	130000	U	140000	U	260000	U	340000	U	80000	U	94000	U	90000	U	80000	U	150000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
4-Chloroaniline	106-47-8	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
4-Methylphenol	106-44-5	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
4-Nitroaniline	100-01-6	ppb-TOC	89000	U	90000	U	180000	U	220000	U	53000	U	63000	U	62000	U	54000	U	100000	U
4-Nitrophenol	100-02-7	ppb-TOC	130000	U	140000	U	260000	U	340000	U	80000	U	94000	U	90000	U	80000	U	150000	U
Acenaphthene	83-32-9	ppb-TOC	36000		45000	U	88000	U	110000	U	25000		23000		16000		29000		51000	U
Acenaphthylene	208-96-8	ppb-TOC	28000		42000		19000		110000	U	82000		50000		41000		37000		13000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	67000		28000		88000	U	110000	U	96000		75000		62000		88000		11000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	120000		110000		58000		110000	U	290000		200000		170000		140000		37000	
Benzo(a)pyrene	50-32-8	ppb-TOC	150000		130000		76000		110000	U	290000		200000		160000		140000		55000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	160000		120000		76000		110000	U	250000		170000		130000		110000		57000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	83000		70000		50000		110000	U	150000		97000		86000		73000		35000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	78000		55000		25000		110000	U	92000		81000		62000		51000		20000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	160000		65000		59000		220000	U	53000	U	4400		62000	U	54000	U	93000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	28000		45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
Chrysene	218-01-9	ppb-TOC	120000		120000		50000		110000	U	330000		210000		170000		140000		38000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	29000		22000		88000	U	110000	U	57000		38000		26000		24000		12000	
Dibenzofuran	132-64-9	ppb-TOC	14000		45000	U	88000	U	110000	U	2000		31000	U	30000	U	5600		51000	U
Diethyl phthalate	84-66-2	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
Dimethylphthalate	131-11-3	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
Fluoranthene	206-44-0	ppb-TOC	190000		120000		58000		110000	U	390000		230000		180000		200000		39000	
Fluorene	86-73-7	ppb-TOC	30000		2900		88000	U	110000	U	16000		22000		22000		37000		51000	U
Hexachlorobenzene	118-74-1	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	130000	U	140000	U	260000	U	340000	U	80000	U	94000	U	90000	U	80000	U	150000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED039		NB01SED039		NB01SED039		NB01SED039		NB01SED040		NB01SED040		NB01SED040		NB01SED040		NB01SED041	
		Sample Name	NB01SED039A-01		NB01SED039A-02		NB01SED039A-03		NB01SED039A-04		NB01SED040A-01		NB01SED040A-02		NB01SED040A-03		NB01SED040A-04		NB01SED041A-01	
		Date Collected	11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	72000		55000		34000		110000	U	120000		88000		69000		56000		34000	
Isophorone	78-59-1	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
Naphthalene	91-20-3	ppb-TOC	19000		3800		88000	U	110000	U	9800		9400		12000		19000		51000	U
Nitrobenzene	98-95-3	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	44000	U	45000	U	88000	U	110000	U	27000	U	31000	U	30000	U	27000	U	51000	U
Pentachlorophenol	87-86-5	ppb-TOC	130000	U	140000	U	260000	U	340000	U	80000	U	94000	U	90000	U	80000	U	150000	U
Phenanthrene	85-01-8	ppb-TOC	160000		16000		18000		110000	U	24000		56000		100000		190000		11000	
Phenol	108-95-2	ppb-TOC	6700		45000	U	88000	U	110000	U	27000	U	31000	U	3800		2000		51000	U
Pyrene	129-00-0	ppb-TOC	220000		190000		100000		9900		450000		300000		230000		240000		67000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	1200000		950000		530000		9900		2400000		1600000		1300000		1200000		390000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	340000		90000		36000		110000	U	250000		240000		270000		440000		35000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1600000		1100000		560000		9900		2700000		1900000		1600000		1600000		430000	

		Location ID	NB01SED041		NB01SED041		NB01SED041		NB01SED042		NB01SED042		NB01SED042		NB01SED043		NB01SED043		NB01SED043	
		Sample Name	NB01SED041A-02		NB01SED041A-03		NB01SED041A-04		NB01SED042B-01		NB01SED042B-02		NB01SED042B-03		NB01SED043C-01		NB01SED043C-02		NB01SED043C-03	
		Date Collected	11/15/2005		11/15/2005		11/15/2005		12/5/2005		12/5/2005		12/5/2005		11/20/2005		11/20/2005		11/20/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.8	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	130000	U	85000	U	140000	U	260000	U	310000	U	210000	U	290000	U	220000	U	330000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
2-Chlorophenol	95-57-8	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	2800		4000		4300		50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
2-Methylphenol	95-48-7	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
2-Nitroaniline	88-74-4	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
2-Nitrophenol	88-75-5	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	51000	U	33000	U	55000	U	100000	U	120000	U	79000	U	120000	U	88000	U	130000	U
3-Nitroaniline	99-09-2	ppb-TOC	51000	U	33000	U	55000	U	100000	U	120000	U	79000	U	120000	U	88000	U	130000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	79000	U	50000	U	83000	U	150000	U	180000	U	120000	U	180000	U	130000	U	190000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
4-Chloroaniline	106-47-8	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
4-Methylphenol	106-44-5	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
4-Nitroaniline	100-01-6	ppb-TOC	51000	U	33000	U	55000	U	100000	U	120000	U	79000	U	120000	U	88000	U	130000	U
4-Nitrophenol	100-02-7	ppb-TOC	79000	U	50000	U	83000	U	150000	U	180000	U	120000	U	180000	U	130000	U	190000	U
Acenaphthene	83-32-9	ppb-TOC	2100		8800		10000		50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
Acenaphthylene	208-96-8	ppb-TOC	30000		19000		33000		19000		27000		13000		14000		14000		13000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	28000		29000		38000		20000		29000		11000		18000		17000		18000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	110000		74000		100000		62000		88000		33000		38000		42000		28000	
Benzo(a)pyrene	50-32-8	ppb-TOC	120000		72000		100000		88000		130000		49000		50000		50000		33000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	110000		71000		90000		88000		150000		53000		58000		63000		42000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	70000		40000		60000		51000		72000		32000		29000		32000		22000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	64000		26000		58000		46000		46000		30000		25000		32000		20000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	14000		33000	U	55000	U	810000		240000		170000		140000		190000		680000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
Chrysene	218-01-9	ppb-TOC	120000		90000		120000		63000		88000		34000		43000		50000		41000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	23000		14000		22000		50000	U	17000		3700		7500		7500		5400	
Dibenzofuran	132-64-9	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
Diethyl phthalate	84-66-2	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
Dimethylphthalate	131-11-3	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	24000		46000	U	65000	U
Fluoranthene	206-44-0	ppb-TOC	120000		100000		130000		88000		100000		40000		61000		75000		63000	
Fluorene	86-73-7	ppb-TOC	7900		11000		9000		50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
Hexachlorobenzene	118-74-1	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	79000	U	50000	U	83000	U	150000	U	180000	U	120000	U	180000	U	130000	U	190000	U

		Location ID	NB01SED041		NB01SED041		NB01SED041		NB01SED042		NB01SED042		NB01SED042		NB01SED043		NB01SED043		NB01SED043	
		Sample Name	NB01SED041A-02		NB01SED041A-03		NB01SED041A-04		NB01SED042B-01		NB01SED042B-02		NB01SED042B-03		NB01SED043C-01		NB01SED043C-02		NB01SED043C-03	
		Date Collected	11/15/2005		11/15/2005		11/15/2005		12/5/2005		12/5/2005		12/5/2005		11/20/2005		11/20/2005		11/20/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.8	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	57000		31000		50000		44000		61000		29000		26000		28000		18000	
Isophorone	78-59-1	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
Naphthalene	91-20-3	ppb-TOC	6800		5000		8300		50000	U	60000	U	39000	U	4600		3600		65000	U
Nitrobenzene	98-95-3	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
Pentachlorophenol	87-86-5	ppb-TOC	79000	U	50000	U	83000	U	150000	U	180000	U	120000	U	180000	U	130000	U	190000	U
Phenanthrene	85-01-8	ppb-TOC	21000		24000		23000		22000		28000		14000		19000		19000		16000	
Phenol	108-95-2	ppb-TOC	26000	U	17000	U	28000	U	50000	U	60000	U	39000	U	58000	U	46000	U	65000	U
Pyrene	129-00-0	ppb-TOC	130000		130000		140000		110000		140000		68000		81000		79000		56000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	940000		640000		850000		630000		880000		370000		420000		460000		330000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	98000		100000		130000		61000		85000		37000		56000		54000		47000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1000000		740000		980000		690000		1000000		410000		480000		500000		380000	

		Location ID	NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED045		NB01SED045		NB01SED045	
		Sample Name	NB01SED044A-01		NB01SED044A-02		NB01SED044A-03		NB01SED044A-04		NB01SED044A-05		NB01SED044A-06		NB01SED045B-01		NB01SED045B-02		NB01SED045B-03	
		Date Collected	11/27/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005		12/6/2005		12/6/2005		12/6/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	36000	U	39000	U	29000	U	3100		33000	U	35000	U	38000	U	27000	U	59000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	36000	U	39000	U	29000	U	2700		33000	U	35000	U	38000	U	27000	U	59000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	36000	U	39000	U	3400		8300		3100		5000		38000	U	27000	U	59000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	36000	U	39000	U	29000	U	7700		33000	U	5300		38000	U	27000	U	59000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	180000	U	190000	U	150000	U	180000	U	160000	U	180000	U	190000	U	130000	U	300000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
2-Chlorophenol	95-57-8	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	36000	U	39000	U	29000	U	3700		2100		12000		3100		2900		59000	U
2-Methylphenol	95-48-7	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
2-Nitroaniline	88-74-4	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
2-Nitrophenol	88-75-5	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	73000	U	77000	U	59000	U	70000	U	67000	U	73000	U	76000	U	53000	U	120000	U
3-Nitroaniline	99-09-2	ppb-TOC	73000	U	77000	U	59000	U	70000	U	67000	U	73000	U	76000	U	53000	U	120000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	110000	U	120000	U	90000	U	110000	U	100000	U	110000	U	110000	U	80000	U	180000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
4-Chloroaniline	106-47-8	ppb-TOC	36000	U	10000		16000		14000		11000		13000		38000	U	27000	U	59000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
4-Methylphenol	106-44-5	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
4-Nitroaniline	100-01-6	ppb-TOC	73000	U	77000	U	59000	U	70000	U	67000	U	73000	U	76000	U	53000	U	120000	U
4-Nitrophenol	100-02-7	ppb-TOC	110000	U	120000	U	90000	U	110000	U	100000	U	110000	U	110000	U	80000	U	180000	U
Acenaphthene	83-32-9	ppb-TOC	36000	U	39000	U	2400		4300		7900		11000		3000		2000		59000	U
Acenaphthylene	208-96-8	ppb-TOC	12000		12000		11000		11000		12000		15000		67000		77000		59000	U
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	15000		11000		15000		19000		40000		83000		27000		37000		59000	U
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	36000		27000		32000		40000		43000		53000		140000		270000		19000	
Benzo(a)pyrene	50-32-8	ppb-TOC	44000		39000		37000		37000		38000		38000		300000		370000		26000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	50000		42000		41000		40000		45000		45000		250000		320000		25000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	29000		25000		23000		26000		22000		25000		160000		170000		18000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	27000		23000		15000		25000		18000		23000		130000		120000		4300	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	140000		1300000		2900000		2900000		980000		580000		100000		53000	U	120000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	15000		2800		27000	U	59000	U
Chrysene	218-01-9	ppb-TOC	39000		31000		32000		40000		50000		60000		170000		240000		16000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	9000		7700		6800		8700		5500		5800		47000		53000		59000	U
Dibenzofuran	132-64-9	ppb-TOC	36000	U	39000	U	29000	U	37000	U	2900		4800		38000	U	1900		59000	U
Diethyl phthalate	84-66-2	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
Dimethylphthalate	131-11-3	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	36000	U	39000	U	17000		17000		45000		60000		38000	U	27000	U	59000	U
Fluoranthene	206-44-0	ppb-TOC	49000		55000		66000		110000		100000		140000		100000		270000		25000	
Fluorene	86-73-7	ppb-TOC	2600		2600		2700		4700		10000		22000		11000		12000		59000	U
Hexachlorobenzene	118-74-1	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	110000	U	120000	U	90000	U	110000	U			110000	U	110000	U	80000	U	180000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED045		NB01SED045		NB01SED045	
		Sample Name	NB01SED044A-01		NB01SED044A-02		NB01SED044A-03		NB01SED044A-04		NB01SED044A-05		NB01SED044A-06		NB01SED045B-01		NB01SED045B-02		NB01SED045B-03	
		Date Collected	11/27/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005		12/6/2005		12/6/2005		12/6/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	24000		21000		18000		21000		19000		22000		130000		150000		13000	
Isophorone	78-59-1	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
Naphthalene	91-20-3	ppb-TOC	3000		3100		3900		8700		10000		25000		13000		11000		59000	U
Nitrobenzene	98-95-3	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	36000	U	39000	U	8500		11000		33000	U	35000	U	38000	U	27000	U	59000	U
Pentachlorophenol	87-86-5	ppb-TOC	110000	U	120000	U	90000	U	110000	U	100000	U	110000	U	110000	U	80000	U	180000	U
Phenanthrene	85-01-8	ppb-TOC	18000		13000		9800		14000		23000		68000		25000		17000		59000	U
Phenol	108-95-2	ppb-TOC	36000	U	39000	U	29000	U	37000	U	33000	U	35000	U	38000	U	27000	U	59000	U
Pyrene	129-00-0	ppb-TOC	68000		74000		68000		97000		100000		130000		230000		370000		33000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	390000		350000		340000		430000		450000		530000		1700000		2300000		180000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	51000		42000		44000		63000		100000		240000		150000		160000		59000	U
TOTAL PAHs - SVOC	No CAS	ppb-TOC	420000		390000		390000		500000		550000		780000		1800000		2500000		180000	

		Location ID	NB01SED045		NB01SED045		NB01SED045		NB01SED046		NB01SED046		NB01SED046		NB01SED047		NB01SED047		NB01SED047	
		Sample Name	NB01SED045B-04		NB01SED045B-05		NB01SED045B-06		NB01SED046E-01		NB01SED046E-02		NB01SED046E-03		NB01SED047A-01		NB01SED047A-02		NB01SED047A-03	
		Date Collected	12/6/2005		12/6/2005		12/6/2005		12/5/2005		12/5/2005		12/5/2005		11/17/2005		11/17/2005		11/17/2005	
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	3400		50000	U	4600	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	440000	U	250000	U	330000	U	170000	U	420000	U	230000	U	220000	U	250000	U	310000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
2-Chlorophenol	95-57-8	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	6200	
2-Methylphenol	95-48-7	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
2-Nitroaniline	88-74-4	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
2-Nitrophenol	88-75-5	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	180000	U	100000	U	130000	U	68000	U	170000	U	83000	U	86000	U	100000	U	130000	U
3-Nitroaniline	99-09-2	ppb-TOC	180000	U	100000	U	130000	U	68000	U	170000	U	83000	U	86000	U	100000	U	130000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	260000	U	150000	U	200000	U	110000	U	250000	U	130000	U	130000	U	150000	U	190000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
4-Chloroaniline	106-47-8	ppb-TOC	88000	U	49000	U	66000	U	34000	U	22000		43000	U	5700		6300		14000	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
4-Methylphenol	106-44-5	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
4-Nitroaniline	100-01-6	ppb-TOC	180000	U	100000	U	130000	U	68000	U	170000	U	83000	U	86000	U	100000	U	130000	U
4-Nitrophenol	100-02-7	ppb-TOC	260000	U	150000	U	200000	U	110000	U	250000	U	130000	U	130000	U	150000	U	190000	U
Acenaphthene	83-32-9	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	15000		43000	U	50000	U	63000	U
Acenaphthylene	208-96-8	ppb-TOC	88000	U	49000	U	66000	U	18000		83000	U	16000		13000		13000		15000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	88000	U	49000	U	66000	U	24000		35000		48000		16000		18000		25000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	88000	U	49000	U	66000	U	63000		75000		68000		33000		33000		39000	
Benzo(a)pyrene	50-32-8	ppb-TOC	88000	U	49000	U	66000	U	79000		75000		63000		46000		46000		45000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	88000	U	49000	U	66000	U	89000		88000		70000		61000		50000		63000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	88000	U	49000	U	66000	U	46000		50000		40000		32000		30000		31000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	88000	U	49000	U	66000	U	35000		30000		31000		22000		31000		24000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	180000	U	100000	U	130000	U	740000		2100000		920000		330000		500000		1200000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
Chrysene	218-01-9	ppb-TOC	88000	U	49000	U	66000	U	68000		83000		78000		34000		36000		45000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	88000	U	49000	U	66000	U	11000		83000	U	43000	U	9300		7100		8000	
Dibenzofuran	132-64-9	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
Diethyl phthalate	84-66-2	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
Dimethylphthalate	131-11-3	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	29000		43000	U	50000	U	63000	U
Fluoranthene	206-44-0	ppb-TOC	88000	U	49000	U	66000	U	89000		130000		130000		50000		63000		80000	
Fluorene	86-73-7	ppb-TOC	88000	U	49000	U	66000	U	3500		83000	U	14000		43000	U	5000		5800	
Hexachlorobenzene	118-74-1	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	260000	U	150000	U	200000	U	110000	U	250000	U	130000	U	130000	U	150000	U	190000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED045		NB01SED045		NB01SED045		NB01SED046		NB01SED046		NB01SED046		NB01SED047		NB01SED047		NB01SED047	
		Sample Name	NB01SED045B-04		NB01SED045B-05		NB01SED045B-06		NB01SED046E-01		NB01SED046E-02		NB01SED046E-03		NB01SED047A-01		NB01SED047A-02		NB01SED047A-03	
		Date Collected	12/6/2005		12/6/2005		12/6/2005		12/5/2005		12/5/2005		12/5/2005		11/17/2005		11/17/2005		11/17/2005	
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	88000	U	49000	U	66000	U	38000		42000		31000		25000		25000		25000	
Isophorone	78-59-1	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
Naphthalene	91-20-3	ppb-TOC	88000	U	49000	U	66000	U	8400		83000	U	25000		5400		6300		8700	
Nitrobenzene	98-95-3	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	88000	U	49000	U	66000	U	34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
Pentachlorophenol	87-86-5	ppb-TOC	260000	U	150000	U	200000	U	110000	U	250000	U	130000	U	130000	U	150000	U	190000	U
Phenanthrene	85-01-8	ppb-TOC	88000	U	49000	U	12000		24000		24000		32000		15000		18000		20000	
Phenol	108-95-2	ppb-TOC	88000	U	49000	U	260000		34000	U	83000	U	43000	U	43000	U	50000	U	63000	U
Pyrene	129-00-0	ppb-TOC	88000	U	49000	U	66000	U	110000		150000		140000		71000		67000		80000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	88000	U	49000	U	66000	U	630000		710000		660000		390000		390000		440000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	88000	U	49000	U	12000		79000		58000		150000		50000		63000		80000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	88000	U	49000	U	12000		680000		790000		810000		430000		460000		520000	

		Location ID	NB01SED048		NB01SED048		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED050	
		Sample Name	NB01SED048A-01		NB01SED048A-02		NB01SED049C-01		NB01SED049C-02		NB01SED049C-03		NB01SED049C-04		NB01SED049C-05		NB01SED049C-06		NB01SED050A-01	
		Date Collected	11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		12/4/2005	
		Depth	0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	57000	U	56000	U	35000	U	36000	U	2200		1800		31000	U	29000	U	22000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	57000	U	8900		2800		5000		7300		8600		2800		4400		22000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	280000	U	280000	U	170000	U	180000	U	150000	U	150000	U	160000	U	150000	U	110000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
2-Chlorophenol	95-57-8	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	57000	U	8300		3100		8600		5500		6500		6400		11000		22000	U
2-Methylphenol	95-48-7	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
2-Nitroaniline	88-74-4	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
2-Nitrophenol	88-75-5	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	110000	U	110000	U	69000	U	72000	U	59000	U	58000	U	62000	U	59000	U	42000	U
3-Nitroaniline	99-09-2	ppb-TOC	110000	U	110000	U	69000	U	72000	U	59000	U	58000	U	62000	U	59000	U	42000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	170000	U	170000	U	100000	U	110000	U	86000	U	88000	U	95000	U	91000	U	64000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
4-Chloroaniline	106-47-8	ppb-TOC	57000	U	5200		3600		6100		7500		5400		3600		29000	U	22000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
4-Methylphenol	106-44-5	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
4-Nitroaniline	100-01-6	ppb-TOC	110000	U	110000	U	69000	U	72000	U	59000	U	58000	U	62000	U	59000	U	42000	U
4-Nitrophenol	100-02-7	ppb-TOC	170000	U	170000	U	100000	U	110000	U	86000	U	88000	U	95000	U	91000	U	64000	U
Acenaphthene	83-32-9	ppb-TOC	4300		10000		8100		72000		32000		32000		33000		41000		22000	U
Acenaphthylene	208-96-8	ppb-TOC	14000		16000		9300		13000		10000		11000		13000		19000		15000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	20000		16000		28000		150000		66000		56000		64000		110000		8500	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	43000		83000		52000		130000		77000		63000		87000		140000		29000	
Benzo(a)pyrene	50-32-8	ppb-TOC	52000		100000		68000		86000		61000		42000		79000		100000		58000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	78000		160000		110000		130000		86000		61000		120000		150000		46000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	37000		37000		31000		50000		30000		28000		49000		53000		30000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	27000		78000		26000		69000		34000		28000		46000		74000		25000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	200000		2100000		1700000		2500000		9100000		9500000		1000000		7600000		35000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	57000	U	56000	U	35000	U	5300		30000	U	3500		130000		29000	U	22000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	57000	U	8300		7500		12000		6100		8900		7400		8200		22000	U
Chrysene	218-01-9	ppb-TOC	52000		110000		71000		130000		86000		74000		100000		180000		38000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	7800		17000		11000		11000		8400		6100		15000		16000		12000	
Dibenzofuran	132-64-9	ppb-TOC	3300		11000		6800		20000		9100		13000		8200		10000		22000	U
Diethyl phthalate	84-66-2	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
Dimethylphthalate	131-11-3	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	3300		31000	U	29000	U	22000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	57000	U	44000		26000		20000		34000		58000		15000		13000		22000	U
Fluoranthene	206-44-0	ppb-TOC	83000		320000		200000		500000		270000		230000		260000		530000		22000	
Fluorene	86-73-7	ppb-TOC	3800		14000		9200		39000		20000		21000		16000		26000		22000	U
Hexachlorobenzene	118-74-1	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	170000	U	170000	U	100000	U	110000	U	86000	U	88000	U	95000	U			64000	U

		Location ID	NB01SED048		NB01SED048		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED050	
		Sample Name	NB01SED048A-01		NB01SED048A-02		NB01SED049C-01		NB01SED049C-02		NB01SED049C-03		NB01SED049C-04		NB01SED049C-05		NB01SED049C-06		NB01SED050A-01	
		Date Collected	11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		12/4/2005	
		Depth	0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	30000		34000		36000		39000		30000		23000		41000		50000		26000	
Isophorone	78-59-1	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
Naphthalene	91-20-3	ppb-TOC	7000		19000		11000		24000		13000		15000		13000		20000		22000	U
Nitrobenzene	98-95-3	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	29000	U	22000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	57000	U	56000	U	7600		21000		19000		21000		15000		21000		22000	U
Pentachlorophenol	87-86-5	ppb-TOC	170000	U	170000	U	100000	U	110000	U	86000	U	88000	U	95000	U	91000	U	64000	U
Phenanthrene	85-01-8	ppb-TOC	30000		17000		48000		83000		50000		68000		59000		82000		5500	
Phenol	108-95-2	ppb-TOC	57000	U	56000	U	35000	U	36000	U	30000	U	30000	U	31000	U	2000		22000	U
Pyrene	129-00-0	ppb-TOC	91000		380000		210000		420000		230000		190000		230000		440000		44000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	520000		1300000		820000		1600000		910000		750000		1000000		1700000		330000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	78000		100000		120000		390000		200000		210000		210000		290000		29000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	570000		1400000		920000		1900000		1100000		950000		1200000		2100000		360000	

		Location ID	NB01SED050		NB01SED050		NB01SED050		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051	
		Sample Name	NB01SED050A-02		NB01SED050A-03		NB01SED050A-04		NB01SED051D-01		NB01SED051D-02		NB01SED051D-03		NB01SED051D-04		NB01SED051D-05		NB01SED051D-06	
		Date Collected	12/4/2005		12/4/2005		12/4/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	2700		23000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	20000	U	24000	U	33000	U	68000	U	2100		3700		13000		8200		6000	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	100000	U	120000	U	160000	U	350000	U	260000	U	350000	U	260000	U	160000	U	110000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
2-Chlorophenol	95-57-8	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	4700		6800		9000	
2-Methylphenol	95-48-7	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
2-Nitroaniline	88-74-4	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
2-Nitrophenol	88-75-5	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	39000	U	46000	U	63000	U	140000	U	100000	U	140000	U	100000	U	65000	U	44000	U
3-Nitroaniline	99-09-2	ppb-TOC	39000	U	46000	U	63000	U	140000	U	100000	U	140000	U	100000	U	65000	U	44000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	59000	U	70000	U	94000	U	210000	U	150000	U	210000	U	150000	U	97000	U	67000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
4-Chloroaniline	106-47-8	ppb-TOC	20000	U	24000	U	33000	U	68000	U	20000		70000	U	12000		32000	U	10000	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
4-Methylphenol	106-44-5	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
4-Nitroaniline	100-01-6	ppb-TOC	39000	U	46000	U	63000	U	140000	U	100000	U	140000	U	100000	U	65000	U	44000	U
4-Nitrophenol	100-02-7	ppb-TOC	59000	U	70000	U	94000	U	210000	U	150000	U	210000	U	150000	U	97000	U	67000	U
Acenaphthene	83-32-9	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	7800		13000		19000	
Acenaphthylene	208-96-8	ppb-TOC	20000	U	24000	U	33000	U	16000		13000		3600		12000		14000		15000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	20000	U	24000	U	33000	U	16000		15000		25000		39000		56000		110000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	20000	U	24000	U	33000	U	50000		33000		37000		43000		68000		79000	
Benzo(a)pyrene	50-32-8	ppb-TOC	20000	U	24000	U	33000	U	73000		45000		41000		50000		71000		79000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	20000	U	24000	U	33000	U	77000		55000		48000		59000		85000		98000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	20000	U	24000	U	33000	U	43000		31000		25000		35000		44000		48000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	20000	U	24000	U	33000	U	41000		21000		19000		27000		41000		40000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	39000	U	46000	U	63000	U	370000		2300000		2500000		1900000		790000		630000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	2100		15000	
Chrysene	218-01-9	ppb-TOC	20000	U	24000	U	33000	U	50000		36000		41000		54000		76000		81000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	20000	U	24000	U	33000	U	3900		2200		2600		12000		8500		13000	
Dibenzofuran	132-64-9	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	2100		8100	
Diethyl phthalate	84-66-2	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
Dimethylphthalate	131-11-3	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	20000	U	24000	U	33000	U	68000	U	7400		70000	U	50000	U	32000	U	23000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	20000	U	24000	U	33000	U	68000	U	5200		31000		26000		110000		40000	
Fluoranthene	206-44-0	ppb-TOC	20000	U	24000	U	33000	U	64000		57000		81000		92000		140000		170000	
Fluorene	86-73-7	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	13000		14000		27000	
Hexachlorobenzene	118-74-1	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	59000	U	70000	U	94000	U	210000	U	150000	U	210000	U	150000	U	97000	U	67000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED050		NB01SED050		NB01SED050		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051	
		Sample Name	NB01SED050A-02		NB01SED050A-03		NB01SED050A-04		NB01SED051D-01		NB01SED051D-02		NB01SED051D-03		NB01SED051D-04		NB01SED051D-05		NB01SED051D-06	
		Date Collected	12/4/2005		12/4/2005		12/4/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	20000	U	24000	U	33000	U	40000		29000		23000		28000		38000		42000	
Isophorone	78-59-1	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
Naphthalene	91-20-3	ppb-TOC	20000	U	24000	U	33000	U	68000	U	2400		4800		17000		19000		27000	
Nitrobenzene	98-95-3	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	32000	U	23000	U
Pentachlorophenol	87-86-5	ppb-TOC	59000	U	70000	U	94000	U	210000	U	150000	U	210000	U	150000	U	97000	U	67000	U
Phenanthrene	85-01-8	ppb-TOC	20000	U	24000	U	33000	U	22000		10000		4800		34000		38000		60000	
Phenol	108-95-2	ppb-TOC	20000	U	24000	U	33000	U	68000	U	50000	U	70000	U	50000	U	2300		23000	U
Pyrene	129-00-0	ppb-TOC	20000	U	24000	U	33000	U	86000		67000		85000		100000		140000		160000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	20000	U	24000	U	33000	U	550000		380000		410000		490000		710000		810000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	20000	U	24000	U	33000	U	55000		40000		37000		130000		160000		270000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	20000	U	24000	U	33000	U	590000		430000		440000		610000		880000		1100000	

		Location ID	NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED053		NB01SED053		NB01SED053	
		Sample Name	NB01SED052B-01		NB01SED052B-02		NB01SED052B-03		NB01SED052B-04		NB01SED052B-05		NB01SED052B-06		NB01SED053B-01		NB01SED053B-02		NB01SED053B-03	
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/4/2005		12/4/2005		12/4/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.5		3.5-6.0		6.0-8.5		8.5-11.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	49000	U	42000	U	7700		15000		24000		22000		16000	U	25000	U	21000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	240000	U	220000	U	150000	U	200000	U	160000	U	140000	U	77000	U	130000	U	100000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
2-Chlorophenol	95-57-8	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	49000	U	42000	U	32000	U	14000		24000		37000		16000	U	25000	U	21000	U
2-Methylphenol	95-48-7	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
2-Nitroaniline	88-74-4	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
2-Nitrophenol	88-75-5	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	98000	U	85000	U	61000	U	78000	U	63000	U	57000	U	31000	U	48000	U	40000	U
3-Nitroaniline	99-09-2	ppb-TOC	98000	U	85000	U	61000	U	78000	U	63000	U	57000	U	31000	U	48000	U	40000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	150000	U	130000	U	93000	U	120000	U	94000	U	85000	U	47000	U	73000	U	61000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
4-Chloroaniline	106-47-8	ppb-TOC	49000	U	42000	U	34000		17000		12000		19000		16000	U	25000	U	21000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
4-Methylphenol	106-44-5	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
4-Nitroaniline	100-01-6	ppb-TOC	98000	U	85000	U	61000	U	78000	U	63000	U	57000	U	31000	U	48000	U	40000	U
4-Nitrophenol	100-02-7	ppb-TOC	150000	U	130000	U	93000	U	120000	U	94000	U	85000	U	47000	U	73000	U	61000	U
Acenaphthene	83-32-9	ppb-TOC	49000	U	42000	U	7500		14000		20000		24000		16000	U	25000	U	21000	U
Acenaphthylene	208-96-8	ppb-TOC	22000		23000		12000		17000		20000		18000		12000		25000	U	21000	U
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	24000		23000		30000		44000		75000		150000		9000		25000	U	21000	U
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	75000		65000		52000		70000		78000		85000		30000		25000	U	21000	U
Benzo(a)pyrene	50-32-8	ppb-TOC	110000		100000		55000		67000		75000		65000		50000		25000	U	21000	U
Benzo(b)fluoranthene	205-99-2	ppb-TOC	120000		110000		61000		81000		84000		80000		42000		25000	U	21000	U
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	67000		69000		34000		41000		47000		41000		29000		25000	U	21000	U
Benzo(k)fluoranthene	207-08-9	ppb-TOC	56000		62000		27000		35000		38000		37000		24000		25000	U	21000	U
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	260000		3100000		7000000		7000000		1900000		980000		46000		48000	U	40000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	49000	U	42000	U	32000	U	41000	U	15000		37000		16000	U	25000	U	21000	U
Chrysene	218-01-9	ppb-TOC	85000		81000		52000		78000		91000		98000		30000		25000	U	21000	U
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	17000		20000		10000		13000		13000		10000		7400		25000	U	21000	U
Dibenzofuran	132-64-9	ppb-TOC	49000	U	42000	U	32000	U	8100		10000		18000		16000	U	25000	U	21000	U
Diethyl phthalate	84-66-2	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
Dimethylphthalate	131-11-3	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	49000	U	42000	U	32000	U	170000		94000		220000		16000	U	25000	U	21000	U
Fluoranthene	206-44-0	ppb-TOC	100000		120000		100000		140000		160000		200000		31000		25000	U	21000	U
Fluorene	86-73-7	ppb-TOC	49000	U	42000	U	8600		17000		28000		43000		16000	U	25000	U	21000	U
Hexachlorobenzene	118-74-1	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	150000	U	130000	U	93000	U			94000	U	85000	U	47000	U	73000	U	61000	U

		Location ID	NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED053		NB01SED053		NB01SED053	
		Sample Name	NB01SED052B-01		NB01SED052B-02		NB01SED052B-03		NB01SED052B-04		NB01SED052B-05		NB01SED052B-06		NB01SED053B-01		NB01SED053B-02		NB01SED053B-03	
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/4/2005		12/4/2005		12/4/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.5		3.5-6.0		6.0-8.5		8.5-11.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	59000		58000		27000		34000		38000		39000		24000		25000	U	21000	U
Isophorone	78-59-1	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
Naphthalene	91-20-3	ppb-TOC	14000		12000		15000		25000		100000		220000		16000	U	25000	U	21000	U
Nitrobenzene	98-95-3	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
Pentachlorophenol	87-86-5	ppb-TOC	150000	U	130000	U	93000	U	120000	U	94000	U	85000	U	47000	U	73000	U	61000	U
Phenanthrene	85-01-8	ppb-TOC	32000		23000		30000		63000		100000		160000		11000		25000	U	21000	U
Phenol	108-95-2	ppb-TOC	49000	U	42000	U	32000	U	41000	U	31000	U	28000	U	16000	U	25000	U	21000	U
Pyrene	129-00-0	ppb-TOC	140000		150000		110000		150000		160000		180000		41000		25000	U	21000	U
Total HMW PAHs-SVOC	No CAS	ppb-TOC	820000		850000		520000		700000		780000		850000		310000		25000	U	21000	U
Total LMW PAHs-SVOC	No CAS	ppb-TOC	93000		81000		100000		200000		380000		650000		33000		25000	U	21000	U
TOTAL PAHs - SVOC	No CAS	ppb-TOC	900000		920000		640000		930000		1200000		1500000		340000		25000	U	21000	U

		Location ID	NB01SED053		NB01SED053		NB01SED053		NB01SED054		NB01SED054		NB01SED054		NB01SED054		NB01SED055		NB01SED055	
		Sample Name	NB01SED053B-04		NB01SED053B-05		NB01SED053B-06		NB01SED054A-01		NB01SED054A-02		NB01SED054A-03		NB01SED054A-04		NB01SED055D-01		NB01SED055D-02	
		Date Collected	12/4/2005		12/4/2005		12/4/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005	
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	83000	U	60000	U	86000	U	470000	U	710000	U	630000	U	940000	U	280000	U	510000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
2-Chlorophenol	95-57-8	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
2-Methylphenol	95-48-7	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
2-Nitroaniline	88-74-4	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
2-Nitrophenol	88-75-5	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	34000	U	24000	U	34000	U	190000	U	290000	U	250000	U	390000	U	110000	U	200000	U
3-Nitroaniline	99-09-2	ppb-TOC	34000	U	24000	U	34000	U	190000	U	290000	U	250000	U	390000	U	110000	U	200000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	52000	U	36000	U	51000	U	280000	U	420000	U	380000	U	580000	U	170000	U	300000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
4-Chloroaniline	106-47-8	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
4-Methylphenol	106-44-5	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
4-Nitroaniline	100-01-6	ppb-TOC	34000	U	24000	U	34000	U	190000	U	290000	U	250000	U	390000	U	110000	U	200000	U
4-Nitrophenol	100-02-7	ppb-TOC	52000	U	36000	U	51000	U	280000	U	420000	U	380000	U	580000	U	170000	U	300000	U
Acenaphthene	83-32-9	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
Acenaphthylene	208-96-8	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	23000		30000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	33000		69000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	17000	U	12000	U	18000	U	22000		140000	U	130000	U	190000	U	89000		150000	
Benzo(a)pyrene	50-32-8	ppb-TOC	17000	U	12000	U	18000	U	32000		140000	U	130000	U	190000	U	100000		150000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	17000	U	12000	U	18000	U	37000		140000	U	130000	U	190000	U	120000		170000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	17000	U	12000	U	18000	U	21000		140000	U	130000	U	190000	U	68000		100000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	53000		86000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	34000	U	24000	U	34000	U	74000		290000	U	290000		390000	U	210000		420000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	17000	U	4800		18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
Chrysene	218-01-9	ppb-TOC	17000	U	12000	U	18000	U	21000		140000	U	130000	U	190000	U	89000		140000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	15000		100000	U
Dibenzofuran	132-64-9	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
Diethyl phthalate	84-66-2	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
Dimethylphthalate	131-11-3	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
Fluoranthene	206-44-0	ppb-TOC	17000	U	12000	U	18000	U	28000		140000	U	130000	U	190000	U	130000		270000	
Fluorene	86-73-7	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	21000	
Hexachlorobenzene	118-74-1	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	52000	U	36000	U	51000	U	280000	U	420000	U	380000	U	580000	U	170000	U	300000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED053		NB01SED053		NB01SED053		NB01SED054		NB01SED054		NB01SED054		NB01SED054		NB01SED055		NB01SED055	
		Sample Name	NB01SED053B-04		NB01SED053B-05		NB01SED053B-06		NB01SED054A-01		NB01SED054A-02		NB01SED054A-03		NB01SED054A-04		NB01SED055D-01		NB01SED055D-02	
		Date Collected	12/4/2005		12/4/2005		12/4/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005	
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	17000	U	12000	U	18000	U	19000		140000	U	130000	U	190000	U	58000		93000	
Isophorone	78-59-1	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
Naphthalene	91-20-3	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	19000		37000	
Nitrobenzene	98-95-3	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
Pentachlorophenol	87-86-5	ppb-TOC	52000	U	36000	U	51000	U	280000	U	420000	U	380000	U	580000	U	170000	U	300000	U
Phenanthrene	85-01-8	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	43000		130000	
Phenol	108-95-2	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	58000	U	100000	U
Pyrene	129-00-0	ppb-TOC	17000	U	12000	U	18000	U	36000		140000	U	130000	U	190000	U	140000		300000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	17000	U	12000	U	18000	U	220000		140000	U	130000	U	190000	U	840000		1400000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	17000	U	12000	U	18000	U	94000	U	140000	U	130000	U	190000	U	120000		300000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	17000	U	12000	U	18000	U	220000		140000	U	130000	U	190000	U	1000000		1700000	

		Location ID	NB01SED055		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED057		NB01SED057	
		Sample Name	NB01SED055D-03		NB01SED056B-01		NB01SED056B-02		NB01SED056B-03		NB01SED056B-04		NB01SED056B-05		NB01SED056B-06		NB01SED057B-01		NB01SED057B-02	
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/6/2005		12/6/2005	
		Depth	1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	82000	U	39000	U	71000	U	52000	U	8700		38000	U	19000	U	42000	U	13000	
1,2-Dichlorobenzene	95-50-1	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	82000	U	8200		27000		27000		16000		38000	U	9200		42000	U	21000	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	420000	U	200000	U	360000	U	250000	U	200000	U	180000	U	97000	U	210000	U	740000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
2-Chlorophenol	95-57-8	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	82000	U	39000	U	71000	U	13000		13000		38000	U	26000		42000	U	150000	U
2-Methylphenol	95-48-7	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
2-Nitroaniline	88-74-4	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
2-Nitrophenol	88-75-5	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	170000	U	77000	U	140000	U	100000	U	80000	U	72000	U	39000	U	83000	U	290000	U
3-Nitroaniline	99-09-2	ppb-TOC	170000	U	77000	U	140000	U	100000	U	80000	U	72000	U	39000	U	83000	U	290000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	250000	U	120000	U	210000	U	150000	U	120000	U	110000	U	58000	U	130000	U	440000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
4-Chloroaniline	106-47-8	ppb-TOC	82000	U	39000	U	71000	U	19000		11000		38000	U	4500		42000	U	63000	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
4-Methylphenol	106-44-5	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
4-Nitroaniline	100-01-6	ppb-TOC	170000	U	77000	U	140000	U	100000	U	80000	U	72000	U	39000	U	83000	U	290000	U
4-Nitrophenol	100-02-7	ppb-TOC	250000	U	120000	U	210000	U	150000	U	120000	U	110000	U	58000	U	130000	U	440000	U
Acenaphthene	83-32-9	ppb-TOC	82000	U	39000	U	71000	U	16000		20000		38000	U	35000		42000	U	150000	U
Acenaphthylene	208-96-8	ppb-TOC	19000		17000		22000		28000		20000		8300		19000		14000		56000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	52000		20000		41000		89000		130000		27000		77000		13000		43000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	71000		59000		71000		110000		100000		32000		95000		35000		110000	
Benzo(a)pyrene	50-32-8	ppb-TOC	69000		77000		86000		110000		80000		29000		71000		71000		240000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	71000		86000		86000		120000		93000		27000		77000		83000		250000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	51000		55000		55000		67000		50000		16000		44000		46000		170000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	37000		43000		50000		56000		40000		12000		34000		35000		150000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	680000		550000		3500000		1300000		730000		200000		1200000		240000		10000000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	82000	U	39000	U	71000	U	52000	U	9000		38000	U	19000	U	42000	U	150000	U
Chrysene	218-01-9	ppb-TOC	100000		55000		71000		130000		110000		31000		97000		39000		140000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	82000	U	12000		71000	U	20000		13000		38000	U	11000		13000		38000	
Dibenzofuran	132-64-9	ppb-TOC	82000	U	39000	U	71000	U	52000	U	11000		38000	U	15000		42000	U	150000	U
Diethyl phthalate	84-66-2	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
Dimethylphthalate	131-11-3	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	82000	U	39000	U	71000	U	190000		150000		38000	U	79000		42000	U	150000	U
Fluoranthene	206-44-0	ppb-TOC	150000		68000		140000		210000		220000		59000		240000		50000		180000	
Fluorene	86-73-7	ppb-TOC	82000	U	39000	U	71000	U	25000		33000		11000		32000		42000	U	150000	U
Hexachlorobenzene	118-74-1	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	250000	U	120000	U	210000	U	150000	U	120000	U	110000	U	58000	U	130000	U	440000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED055		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED057		NB01SED057	
		Sample Name	NB01SED055D-03		NB01SED056B-01		NB01SED056B-02		NB01SED056B-03		NB01SED056B-04		NB01SED056B-05		NB01SED056B-06		NB01SED057B-01		NB01SED057B-02	
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/6/2005		12/6/2005	
		Depth	1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	39000		43000		45000		59000		43000		12000		35000		37000		140000	
Isophorone	78-59-1	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
Naphthalene	91-20-3	ppb-TOC	42000		22000		25000		37000		40000		22000		95000		42000	U	21000	
Nitrobenzene	98-95-3	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
Pentachlorophenol	87-86-5	ppb-TOC	250000	U	120000	U	210000	U	150000	U	120000	U	110000	U	58000	U	130000	U	440000	U
Phenanthrene	85-01-8	ppb-TOC	20000		25000		23000		48000		70000		32000		130000		16000		43000	
Phenol	108-95-2	ppb-TOC	82000	U	39000	U	71000	U	52000	U	40000	U	38000	U	19000	U	42000	U	150000	U
Pyrene	129-00-0	ppb-TOC	170000		100000		170000		210000		200000		59000		210000		71000		290000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	760000		590000		790000		1100000		930000		280000		920000		500000		1700000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	130000		86000		110000		260000		320000		100000		420000		42000		170000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	890000		680000		860000		1300000		1300000		380000		1300000		540000		1800000	

		Location ID	NB01SED057		NB01SED057		NB01SED058		NB01SED058		NB01SED058		NB01SED058		NB01SED059		NB01SED059		NB01SED059	
		Sample Name	NB01SED057B-03		NB01SED057B-04		NB01SED058B-01		NB01SED058B-02		NB01SED058B-03		NB01SED058B-04		NB01SED059A-01		NB01SED059A-02		NB01SED059A-03	
		Date Collected	12/6/2005		12/6/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	2600		34000	U	4300		2700		40000	U	49000	U	18000	U	19000	U	17000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	34000	U	34000	U	7500		2300		40000	U	49000	U	18000	U	19000	U	17000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	9700		3900		10000		9700		3300		49000	U	18000	U	19000	U	17000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	34000	U	34000	U	3600		38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	170000	U	170000	U	170000	U	190000	U	200000	U	250000	U	88000	U	93000	U	84000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
2-Chlorophenol	95-57-8	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	34000	U	3400		4600		25000		3000		49000	U	18000	U	19000	U	17000	U
2-Methylphenol	95-48-7	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
2-Nitroaniline	88-74-4	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
2-Nitrophenol	88-75-5	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	68000	U	66000	U	68000	U	76000	U	78000	U	100000	U	35000	U	37000	U	33000	U
3-Nitroaniline	99-09-2	ppb-TOC	68000	U	66000	U	68000	U	76000	U	78000	U	100000	U	35000	U	37000	U	33000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	100000	U	100000	U	100000	U	110000	U	120000	U	150000	U	53000	U	55000	U	49000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
4-Chloroaniline	106-47-8	ppb-TOC	13000		34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
4-Methylphenol	106-44-5	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
4-Nitroaniline	100-01-6	ppb-TOC	68000	U	66000	U	68000	U	76000	U	78000	U	100000	U	35000	U	37000	U	33000	U
4-Nitrophenol	100-02-7	ppb-TOC	100000	U	100000	U	100000	U	110000	U	120000	U	150000	U	53000	U	55000	U	49000	U
Acenaphthene	83-32-9	ppb-TOC	34000	U	4700		4600		16000		40000	U	49000	U	4100		19000	U	17000	U
Acenaphthylene	208-96-8	ppb-TOC	11000		9500		11000		13000		12000		49000	U	17000		19000	U	17000	U
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	26000		45000		10000		32000		9600		49000	U	12000		19000	U	17000	U
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	34000		42000		24000		41000		32000		49000	U	38000		4100		17000	U
Benzo(a)pyrene	50-32-8	ppb-TOC	47000		39000		36000		41000		48000		49000	U	57000		6500		17000	U
Benzo(b)fluoranthene	205-99-2	ppb-TOC	63000		50000		82000		54000		52000		49000	U	59000		5700		17000	U
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	34000		25000		31000		26000		27000		49000	U	36000		19000	U	17000	U
Benzo(k)fluoranthene	207-08-9	ppb-TOC	25000		18000		24000		19000		19000		49000	U	30000		19000	U	17000	U
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	2900000		450000		1800000		2000000		480000		13000		130000		22000		33000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	34000	U	34000	U	5700		38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	34000	U	34000	U	9300		38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
Chrysene	218-01-9	ppb-TOC	45000		45000		30000		57000		36000		49000	U	44000		3900		17000	U
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	6300		8200		11000		8100		8700		49000	U	10000		19000	U	17000	U
Dibenzofuran	132-64-9	ppb-TOC	34000	U	34000	U	2700		3000		40000	U	49000	U	18000	U	19000	U	17000	U
Diethyl phthalate	84-66-2	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
Dimethylphthalate	131-11-3	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	89000		74000		12000		65000		40000	U	49000	U	18000	U	19000	U	17000	U
Fluoranthene	206-44-0	ppb-TOC	87000		92000		39000		97000		65000		49000	U	53000		5000		17000	U
Fluorene	86-73-7	ppb-TOC	34000	U	12000		6100		11000		40000	U	49000	U	3900		19000	U	17000	U
Hexachlorobenzene	118-74-1	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	100000	U	100000	U	100000	U	110000	U	120000	U	150000	U	53000	U	55000	U	49000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED057		NB01SED057		NB01SED058		NB01SED058		NB01SED058		NB01SED058		NB01SED059		NB01SED059		NB01SED059	
		Sample Name	NB01SED057B-03		NB01SED057B-04		NB01SED058B-01		NB01SED058B-02		NB01SED058B-03		NB01SED058B-04		NB01SED059A-01		NB01SED059A-02		NB01SED059A-03	
		Date Collected	12/6/2005		12/6/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	26000		21000		25000		22000		23000		49000	U	32000		19000	U	17000	U
Isophorone	78-59-1	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
Naphthalene	91-20-3	ppb-TOC	7600		8200		5000		8100		5200		49000	U	4900		19000	U	17000	U
Nitrobenzene	98-95-3	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	34000	U	34000	U	34000	U	38000	U	40000	U	49000	U	18000	U	19000	U	17000	U
Pentachlorophenol	87-86-5	ppb-TOC	100000	U	100000	U	100000	U	110000	U	120000	U	150000	U	53000	U	55000	U	49000	U
Phenanthrene	85-01-8	ppb-TOC	9500		29000		50000		30000		8700		49000	U	14000		19000	U	17000	U
Phenol	108-95-2	ppb-TOC	34000	U	34000	U	34000	U	38000	U	9100		49000	U	18000	U	19000	U	17000	U
Pyrene	129-00-0	ppb-TOC	89000		89000		61000		97000		70000		49000	U	70000		6400		17000	U
Total HMW PAHs-SVOC	No CAS	ppb-TOC	450000		420000		360000		460000		380000		49000	U	430000		31000		17000	U
Total LMW PAHs-SVOC	No CAS	ppb-TOC	55000		110000		93000		140000		39000		49000	U	54000		19000	U	17000	U
TOTAL PAHs - SVOC	No CAS	ppb-TOC	500000		550000		460000		590000		420000		49000	U	480000		31000		17000	U

		Location ID	NB01SED059		NB01SED060		NB01SED060		NB01SED060		NB01SED060		NB01SED061		NB01SED061		NB01SED062		NB01SED062	
		Sample Name	NB01SED059A-04		NB01SED060B-01		NB01SED060B-02		NB01SED060B-03		NB01SED060B-04		NB01SED061A-01		NB01SED061A-02		NB01SED062A-01		NB01SED062A-02	
		Date Collected	12/8/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/28/2005		11/28/2005		11/21/2005		11/21/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	17000	U	3800		2300		38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	17000	U	5000		4500		3700		4400		3800		85000	U	95000	U	56000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	84000	U	190000	U	170000	U	200000	U	190000	U	310000	U	430000	U	470000	U	280000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
2-Chlorophenol	95-57-8	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	17000	U	4200		3000		2800		3300		61000	U	85000	U	95000	U	56000	U
2-Methylphenol	95-48-7	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
2-Nitroaniline	88-74-4	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
2-Nitrophenol	88-75-5	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	33000	U	77000	U	71000	U	77000	U	78000	U	120000	U	170000	U	190000	U	110000	U
3-Nitroaniline	99-09-2	ppb-TOC	33000	U	77000	U	71000	U	77000	U	78000	U	120000	U	170000	U	190000	U	110000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	49000	U	110000	U	110000	U	120000	U	110000	U	180000	U	260000	U	280000	U	170000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
4-Chloroaniline	106-47-8	ppb-TOC	17000	U	38000	U	35000	U	38000	U	8900		61000	U	85000	U	95000	U	56000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
4-Methylphenol	106-44-5	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
4-Nitroaniline	100-01-6	ppb-TOC	33000	U	77000	U	71000	U	77000	U	78000	U	120000	U	170000	U	190000	U	110000	U
4-Nitrophenol	100-02-7	ppb-TOC	49000	U	110000	U	110000	U	120000	U	110000	U	180000	U	260000	U	280000	U	170000	U
Acenaphthene	83-32-9	ppb-TOC	17000	U	7700		4500		4200		37000	U	7200		10000		95000	U	56000	U
Acenaphthylene	208-96-8	ppb-TOC	17000	U	26000		28000		24000		17000		37000		35000		26000		56000	U
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	17000	U	33000		26000		25000		19000		52000		60000		20000		56000	U
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	17000	U	88000		81000		65000		44000		140000		200000		68000		4400	
Benzo(a)pyrene	50-32-8	ppb-TOC	17000	U	110000		120000		96000		67000		130000		200000		100000		6900	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	17000	U	140000		140000		120000		78000		170000		250000		100000		8100	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	17000	U	62000		65000		58000		41000		78000		78000		51000		56000	U
Benzo(k)fluoranthene	207-08-9	ppb-TOC	17000	U	65000		48000		42000		33000		72000		67000		42000		4100	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	33000	U	88000		120000		380000		3700000		110000		210000		29000		110000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	8900		85000	U	95000	U	56000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	17000	U	7700		3500		38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
Chrysene	218-01-9	ppb-TOC	17000	U	88000		87000		73000		52000		140000		190000		75000		5700	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	17000	U	17000		17000		20000		9300		22000		20000		95000	U	56000	U
Dibenzofuran	132-64-9	ppb-TOC	17000	U	3700		2500		2700		37000	U	61000	U	85000	U	95000	U	56000	U
Diethyl phthalate	84-66-2	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
Dimethylphthalate	131-11-3	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	17000	U	38000	U	35000	U	38000	U	16000		61000	U	15000		95000	U	56000	U
Fluoranthene	206-44-0	ppb-TOC	17000	U	130000		100000		77000		89000		270000		220000		86000		5500	
Fluorene	86-73-7	ppb-TOC	17000	U	9200		5500		4600		3400		6700		9600		95000	U	56000	U
Hexachlorobenzene	118-74-1	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	49000	U	110000	U	110000	U	120000	U	110000	U	180000	U	260000	U	280000	U	170000	U

		Location ID	NB01SED059		NB01SED060		NB01SED060		NB01SED060		NB01SED060		NB01SED061		NB01SED061		NB01SED062		NB01SED062	
		Sample Name	NB01SED059A-04		NB01SED060B-01		NB01SED060B-02		NB01SED060B-03		NB01SED060B-04		NB01SED061A-01		NB01SED061A-02		NB01SED062A-01		NB01SED062A-02	
		Date Collected	12/8/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/28/2005		11/28/2005		11/21/2005		11/21/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	17000	U	50000		58000		46000		34000		72000		67000		41000		56000	U
Isophorone	78-59-1	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
Naphthalene	91-20-3	ppb-TOC	17000	U	12000		11000		10000		9300		6700		16000		6100		56000	U
Nitrobenzene	98-95-3	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
Pentachlorophenol	87-86-5	ppb-TOC	49000	U	110000	U	110000	U	120000	U	110000	U	180000	U	260000	U	280000	U	170000	U
Phenanthrene	85-01-8	ppb-TOC	17000	U	38000		27000		24000		16000		72000		36000		19000		56000	U
Phenol	108-95-2	ppb-TOC	17000	U	38000	U	35000	U	38000	U	37000	U	61000	U	85000	U	95000	U	56000	U
Pyrene	129-00-0	ppb-TOC	17000	U	150000		160000		140000		100000		270000		330000		200000		12000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	17000	U	920000		870000		730000		560000		1300000		1600000		760000		47000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	17000	U	130000		110000		96000		67000		180000		170000		71000		56000	U
TOTAL PAHs - SVOC	No CAS	ppb-TOC	17000	U	1000000		970000		810000		630000		1600000		1800000		840000		47000	

		Location ID	NB01SED062		NB01SED062		NB01SED063		NB01SED063		NB01SED063		NB01SED063		NB01SED064		NB01SED064		NB01SED064	
		Sample Name	NB01SED062A-03		NB01SED062A-04		NB01SED063C-01		NB01SED063C-02		NB01SED063C-03		NB01SED063C-04		NB01SED064B-01		NB01SED064B-02		NB01SED064B-03	
		Date Collected	11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005		12/8/2005		11/21/2005		11/21/2005		11/21/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.5		3.5-4.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	29000	U	17000	U	2700		120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	29000	U	17000	U	4200		5600		4700		5200		8900	U	15000	U	74000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	3400		8900	U	15000	U	74000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	150000	U	89000	U	260000	U	570000	U	270000	U	240000	U	44000	U	71000	U	360000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
2-Chlorophenol	95-57-8	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	29000	U	17000	U	6900		5900		5700		18000		8900	U	15000	U	74000	U
2-Methylphenol	95-48-7	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
2-Nitroaniline	88-74-4	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
2-Nitrophenol	88-75-5	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	59000	U	35000	U	100000	U	230000	U	110000	U	97000	U	18000	U	29000	U	140000	U
3-Nitroaniline	99-09-2	ppb-TOC	59000	U	35000	U	100000	U	230000	U	110000	U	97000	U	18000	U	29000	U	140000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	91000	U	53000	U	150000	U	340000	U	160000	U	140000	U	26000	U	44000	U	220000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
4-Chloroaniline	106-47-8	ppb-TOC	29000	U	17000	U	50000	U	120000	U	12000		48000	U	8900	U	15000	U	74000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
4-Methylphenol	106-44-5	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
4-Nitroaniline	100-01-6	ppb-TOC	59000	U	35000	U	100000	U	230000	U	110000	U	97000	U	18000	U	29000	U	140000	U
4-Nitrophenol	100-02-7	ppb-TOC	91000	U	53000	U	150000	U	340000	U	160000	U	140000	U	26000	U	44000	U	220000	U
Acenaphthene	83-32-9	ppb-TOC	29000	U	17000	U	26000		6600		16000		41000		8900	U	15000	U	74000	U
Acenaphthylene	208-96-8	ppb-TOC	29000	U	17000	U	81000		42000		31000		41000		8900	U	15000	U	74000	U
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	29000	U	17000	U	92000		35000		47000		130000		8900	U	15000	U	74000	U
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	29000	U	17000	U	270000		120000		120000		200000		2700		15000	U	74000	U
Benzo(a)pyrene	50-32-8	ppb-TOC	29000	U	17000	U	290000		150000		120000		190000		3100		15000	U	74000	U
Benzo(b)fluoranthene	205-99-2	ppb-TOC	29000	U	17000	U	320000		150000		150000		220000		2700		15000	U	74000	U
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	29000	U	17000	U	160000		85000		70000		100000		1900		15000	U	74000	U
Benzo(k)fluoranthene	207-08-9	ppb-TOC	29000	U	17000	U	180000		92000		80000		100000		8900	U	15000	U	74000	U
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	59000	U	35000	U	160000		1800000		2400000		930000		4300		29000	U	140000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	29000	U	17000	U	6500		120000	U	53000	U	5900		8900	U	15000	U	74000	U
Chrysene	218-01-9	ppb-TOC	29000	U	17000	U	270000		130000		120000		210000		2600		15000	U	74000	U
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	29000	U	17000	U	38000		23000		16000		21000		8900	U	15000	U	74000	U
Dibenzofuran	132-64-9	ppb-TOC	29000	U	17000	U	7300		120000	U	3300		13000		8900	U	15000	U	74000	U
Diethyl phthalate	84-66-2	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
Dimethylphthalate	131-11-3	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	29000	U	17000	U	50000	U	120000	U	10000		100000		8900	U	15000	U	74000	U
Fluoranthene	206-44-0	ppb-TOC	29000	U	17000	U	420000		180000		220000		380000		2700		15000	U	74000	U
Fluorene	86-73-7	ppb-TOC	29000	U	17000	U	19000		7300		7700		34000		8900	U	15000	U	74000	U
Hexachlorobenzene	118-74-1	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	91000	U	53000	U	150000	U	340000	U	160000	U	140000	U	26000	U	44000	U	220000	U

		Location ID	NB01SED062		NB01SED062		NB01SED063		NB01SED063		NB01SED063		NB01SED063		NB01SED064		NB01SED064		NB01SED064	
		Sample Name	NB01SED062A-03		NB01SED062A-04		NB01SED063C-01		NB01SED063C-02		NB01SED063C-03		NB01SED063C-04		NB01SED064B-01		NB01SED064B-02		NB01SED064B-03	
		Date Collected	11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005		12/8/2005		11/21/2005		11/21/2005		11/21/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.5		3.5-4.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	29000	U	17000	U	150000		85000		67000		100000		8900	U	15000	U	74000	U
Isophorone	78-59-1	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
Naphthalene	91-20-3	ppb-TOC	29000	U	17000	U	20000		14000		15000		41000		8900	U	15000	U	74000	U
Nitrobenzene	98-95-3	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	29000	U	17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
Pentachlorophenol	87-86-5	ppb-TOC	91000	U	53000	U	150000	U	340000	U	160000	U	140000	U	26000	U	44000	U	220000	U
Phenanthrene	85-01-8	ppb-TOC	6800		17000	U	110000		28000		32000		180000		8900	U	15000	U	74000	U
Phenol	108-95-2	ppb-TOC	440000		17000	U	50000	U	120000	U	53000	U	48000	U	8900	U	15000	U	74000	U
Pyrene	129-00-0	ppb-TOC	29000	U	17000	U	500000		210000		200000		380000		3500		15000	U	74000	U
Total HMW PAHs-SVOC	No CAS	ppb-TOC	29000	U	17000	U	2600000		1200000		1200000		1900000		14000		15000	U	74000	U
Total LMW PAHs-SVOC	No CAS	ppb-TOC	6800		17000	U	360000		140000		150000		480000		8900	U	15000	U	74000	U
TOTAL PAHs - SVOC	No CAS	ppb-TOC	6800		17000	U	3000000		1400000		1300000		2400000		14000		15000	U	74000	U

		Location ID	NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED066		NB01SED066		NB01SED068	
		Sample Name	NB01SED065A-01		NB01SED065A-02		NB01SED065A-03		NB01SED065A-04		NB01SED065A-05		NB01SED065A-06		NB01SED066E-01		NB01SED066E-02		NB01SED068B-01	
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		10/30/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	6700		50000	U	39000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	210000	U	300000	U	180000	U	190000	U	210000	U	260000	U	160000	U	260000	U	190000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
2-Chlorophenol	95-57-8	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	43000	U	4100		27000		39000	U	43000	U	51000	U	8600		12000		2800	
2-Methylphenol	95-48-7	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
2-Nitroaniline	88-74-4	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
2-Nitrophenol	88-75-5	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	86000	U	120000	U	69000	U	76000	U	86000	U	100000	U	62000	U	100000	U	75000	U
3-Nitroaniline	99-09-2	ppb-TOC	86000	U	120000	U	69000	U	76000	U	86000	U	100000	U	62000	U	100000	U	75000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	130000	U	180000	U	100000	U	110000	U	130000	U	160000	U	96000	U	150000	U	110000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
4-Chloroaniline	106-47-8	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
4-Methylphenol	106-44-5	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
4-Nitroaniline	100-01-6	ppb-TOC	86000	U	120000	U	69000	U	76000	U	86000	U	100000	U	62000	U	100000	U	75000	U
4-Nitrophenol	100-02-7	ppb-TOC	130000	U	180000	U	100000	U	110000	U	130000	U	160000	U	96000	U	150000	U	110000	U
Acenaphthene	83-32-9	ppb-TOC	43000	U	26000		47000		4000		43000	U	51000	U	19000		20000		8300	
Acenaphthylene	208-96-8	ppb-TOC	39000		46000		41000		39000	U	43000	U	51000	U	110000		130000		11000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	28000		81000		97000		10000		4000		51000	U	91000		130000		18000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	91000		210000		180000		30000		26000		8800		390000		900000		42000	
Benzo(a)pyrene	50-32-8	ppb-TOC	160000		190000		150000		27000		24000		6300		540000		710000		42000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	170000		170000		140000		28000		25000		7500		550000		760000		39000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	91000		76000		23000		14000		13000		51000	U	280000		330000		24000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	64000		62000		56000		14000		12000		51000	U	350000		370000		21000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	260000		47000		19000		76000	U	86000	U	100000	U	420000		100000	U	170000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	7500		11000		39000	U
Chrysene	218-01-9	ppb-TOC	110000		230000		200000		25000		21000		5900		410000		850000		44000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	27000		28000		26000		39000	U	43000	U	51000	U	55000		90000		7200	
Dibenzofuran	132-64-9	ppb-TOC	43000	U	62000	U	2300		39000	U	43000	U	51000	U	32000	U	11000		2700	
Diethyl phthalate	84-66-2	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
Dimethylphthalate	131-11-3	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	42000	
Di-n-Octylphthalate	117-84-0	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	47000	
Fluoranthene	206-44-0	ppb-TOC	110000		240000		230000		46000		35000		14000		420000		1600000		75000	
Fluorene	86-73-7	ppb-TOC	9100		13000		38000		2800		43000	U	51000	U	16000		23000		7800	
Hexachlorobenzene	118-74-1	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	130000	U	180000	U	100000	U	110000	U	130000	U	160000	U	96000	U	150000	U	110000	U

		Location ID	NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED066		NB01SED066		NB01SED068	
		Sample Name	NB01SED065A-01		NB01SED065A-02		NB01SED065A-03		NB01SED065A-04		NB01SED065A-05		NB01SED065A-06		NB01SED066E-01		NB01SED066E-02		NB01SED068B-01	
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		10/30/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	77000		57000		53000		12000		9500		51000	U	260000		290000		21000	
Isophorone	78-59-1	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
Naphthalene	91-20-3	ppb-TOC	13000		35000		19000		3700		43000	U	51000	U	38000		51000		4400	
Nitrobenzene	98-95-3	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
Pentachlorophenol	87-86-5	ppb-TOC	130000	U	180000	U	100000	U	110000	U	130000	U	160000	U	96000	U	150000	U	110000	U
Phenanthrene	85-01-8	ppb-TOC	26000		38000		180000		16000		12000		3800		64000		63000		36000	
Phenol	108-95-2	ppb-TOC	43000	U	62000	U	34000	U	39000	U	43000	U	51000	U	32000	U	50000	U	39000	U
Pyrene	129-00-0	ppb-TOC	240000		410000		310000		52000		36000		16000		910000		1700000		89000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	1100000		1700000		1300000		250000		200000		59000		4200000		7700000		420000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	110000		240000		440000		37000		16000		3800		350000		430000		89000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1300000		1900000		1800000		290000		220000		63000		4500000		8100000		500000	

		Location ID	NB01SED068		NB01SED068		NB01SED068		NB01SED068		NB01SED068		NB02SED070		NB02SED070		NB02SED070		NB02SED070	
		Sample Name	NB01SED068B-02		NB01SED068B-03		NB01SED068B-04		NB01SED068B-05		NB01SED068B-06		NB02SED070C-01		NB02SED070C-02		NB02SED070C-03		NB02SED070C-04	
		Date Collected	10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		12/11/2007		12/11/2007		12/11/2007		12/11/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC											52000	U	41000	U	34000	U	40000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U								
1,2-Dichlorobenzene	95-50-1	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U								
1,3-Dichlorobenzene	541-73-1	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U								
1,4-Dichlorobenzene	106-46-7	ppb-TOC	40000	U	41000	U	36000	U	32000	U	2400									
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC											52000	U	41000	U	34000	U	40000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	200000	U	200000	U	180000	U	160000	U	200000	U	99000	U	82000	U	67000	U	81000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
2-Chlorophenol	95-57-8	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	2800		2900		2500		3800		5700		52000	U	5800		11000		13000	
2-Methylphenol	95-48-7	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
2-Nitroaniline	88-74-4	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	99000	U	82000	U	67000	U	81000	U
2-Nitrophenol	88-75-5	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	80000	U	79000	U	69000	U	65000	U	80000	U	52000	U	41000	U	34000	U	40000	U
3-Nitroaniline	99-09-2	ppb-TOC	80000	U	79000	U	69000	U	65000	U	80000	U	99000	U	82000	U	67000	U	81000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	120000	U	120000	U	110000	U	97000	U	120000	U	99000	U	82000	U	67000	U	81000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
4-Chloroaniline	106-47-8	ppb-TOC	40000	U	41000	U	36000	U	7400		40000	U	12000		9200		7200		11000	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
4-Methylphenol	106-44-5	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
4-Nitroaniline	100-01-6	ppb-TOC	80000	U	79000	U	69000	U	65000	U	80000	U	99000	U	82000	U	67000	U	81000	U
4-Nitrophenol	100-02-7	ppb-TOC	120000	U	120000	U	110000	U	97000	U	120000	U	99000	U	82000	U	67000	U	81000	U
Acenaphthene	83-32-9	ppb-TOC	4300		5200		6900		4100		6000		6500		6500		9200		7400	
Acenaphthylene	208-96-8	ppb-TOC	4700		4800		7800		7600		10000		7100		3900		2800		3800	
Acetophenone	98-86-2	ppb-TOC											52000	U	41000	U	34000	U	40000	U
Anthracene	120-12-7	ppb-TOC	10000		12000		12000		17000		17000		34000		41000		110000	U	58000	
Atrazine	1912-24-9	ppb-TOC											52000	U	41000	U	34000	U	40000	U
Benzaldehyde	100-52-7	ppb-TOC											52000	U	41000	U	34000	U	40000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	28000		22000		24000		21000		37000		29000		29000		32000		31000	
Benzo(a)pyrene	50-32-8	ppb-TOC	27000		23000		31000		26000		40000		34000		27000		28000		34000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	33000		32000		36000		38000		54000		25000		20000		28000		29000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	20000		17000		23000		19000		31000		9600		8400		6900		8900	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	12000		11000		13000		14000		20000		31000		29000		27000		31000	
Biphenyl	92-52-4	ppb-TOC											52000	U	41000	U	34000	U	40000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	170000		170000		170000		170000		250000		430000		340000		270000		310000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
Caprolactam	105-60-2	ppb-TOC											52000	U	41000	U	34000	U	40000	U
Carbazole	86-74-8	ppb-TOC	40000	U	3000		4200		32000	U	40000	U	52000	U	41000	U	23000		9600	
Chrysene	218-01-9	ppb-TOC	26000		23000		33000		29000		49000		40000		36000		42000		45000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	6700		6600		9200		8200		8600		52000	U	41000	U	34000	U	40000	U
Dibenzofuran	132-64-9	ppb-TOC	40000	U	3000		2400		32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
Diethyl phthalate	84-66-2	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	12000		34000	U	40000	U
Dimethylphthalate	131-11-3	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	43000		45000		47000		35000		40000	U	52000	U	41000	U	34000	U	40000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	47000		48000		42000		32000	U	40000	U	52000	U	41000	U	13000		9400	
Fluoranthene	206-44-0	ppb-TOC	50000		45000		47000		41000		69000		59000		70000		99000	U	76000	
Fluorene	86-73-7	ppb-TOC	3300		5200		6100		5000		6300		5600		7500		23000		13000	
Hexachlorobenzene	118-74-1	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	86		120		440		340	
Hexachlorobutadiene	87-68-3	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	120000	U	120000	U	110000	U	97000	U	120000	U								

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB01SED068		NB01SED068		NB01SED068		NB01SED068		NB01SED068		NB02SED070		NB02SED070		NB02SED070		NB02SED070	
		Sample Name	NB01SED068B-02		NB01SED068B-03		NB01SED068B-04		NB01SED068B-05		NB01SED068B-06		NB02SED070C-01		NB02SED070C-02		NB02SED070C-03		NB02SED070C-04	
		Date Collected	10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		12/11/2007		12/11/2007		12/11/2007		12/11/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	16000		13000		18000		16000		23000		10000		6500		7100		8500	
Isophorone	78-59-1	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
Naphthalene	91-20-3	ppb-TOC	4300		3800		3100		5000		6000		6200		14000		8800		10000	
Nitrobenzene	98-95-3	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
Pentachlorophenol	87-86-5	ppb-TOC	120000	U	120000	U	110000	U	97000	U	120000	U	560	U	820	U	1100	U	810	U
Phenanthrene	85-01-8	ppb-TOC	17000		14000		69000		15000		27000		15000		27000		69000	U	47000	
Phenol	108-95-2	ppb-TOC	40000	U	41000	U	36000	U	32000	U	40000	U	52000	U	41000	U	34000	U	40000	U
Pyrene	129-00-0	ppb-TOC	63000		55000		61000		50000		86000		56000		55000		71000	U	65000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	280000		250000		310000		260000		430000		290000		290000		170000		340000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	47000		48000		110000		59000		77000		74000		110000		55000		150000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	330000		300000		420000		320000		490000		370000		390000		230000		490000	

		Location ID	NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED071		NB02SED071		NB02SED071		NB02SED071	
		Sample Name	NB02SED070C-05		NB02SED070C-06		NB02SED070C-07		NB02SED070C-08		NB02SED070C-09		NB02SED071D-01		NB02SED071D-02		NB02SED071D-03		NB02SED071D-04	
		Date Collected	12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	15000	U	24000	U	15000	U	15000	U	17000	U	30000	U	33000	U	26000	U	24000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
2-Chlorophenol	95-57-8	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	12000		17000		20000		26000		9300		1400		1800		1800		2200	
2-Methylphenol	95-48-7	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
2-Nitroaniline	88-74-4	ppb-TOC	15000	U	24000	U	15000	U	15000	U	17000	U	30000	U	33000	U	26000	U	24000	U
2-Nitrophenol	88-75-5	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
3-Nitroaniline	99-09-2	ppb-TOC	15000	U	24000	U	15000	U	15000	U	17000	U	30000	U	33000	U	26000	U	24000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	15000	U	24000	U	15000	U	15000	U	17000	U	30000	U	33000	U	26000	U	24000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
4-Chloroaniline	106-47-8	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
4-Methylphenol	106-44-5	ppb-TOC	8200	U	12000	U	7700	U	3300		2700		15000	U	17000	U	14000	U	12000	U
4-Nitroaniline	100-01-6	ppb-TOC	15000	U	24000	U	15000	U	15000	U	17000	U	30000	U	33000	U	26000	U	24000	U
4-Nitrophenol	100-02-7	ppb-TOC	15000	U	24000	U	15000	U	15000	U	17000	U	30000	U	33000	U	26000	U	24000	U
Acenaphthene	83-32-9	ppb-TOC	6300		10000		8800		19000		17000	U	720	U	1100		920		1100	
Acenaphthylene	208-96-8	ppb-TOC	5200		12000		14000		23000		14000		1900		2500		2300		2800	
Acetophenone	98-86-2	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
Anthracene	120-12-7	ppb-TOC	29000		32000		37000		80000		58000		4100		5000		4800		8600	
Atrazine	1912-24-9	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
Benzaldehyde	100-52-7	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	1700		2100	
Benzo(a)anthracene	56-55-3	ppb-TOC	37000		68000		69000		140000		130000		12000		15000		15000		20000	
Benzo(a)pyrene	50-32-8	ppb-TOC	35000		65000		73000		130000		130000		18000		25000		24000		26000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	36000		53000		62000		96000		130000		22000		28000		28000		26000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	14000		19000		26000		45000		32000		5100		7400		6500		7200	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	36000		75000		82000		120000		110000		16000		24000		24000		31000	
Biphenyl	92-52-4	ppb-TOC	8200	U	12000	U	7700	U	3500		2600		15000	U	17000	U	14000	U	12000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	200000		26000		17000		7700	U	8700	U	47000		64000		68000		100000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	2700		2000		2700	
Caprolactam	105-60-2	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
Carbazole	86-74-8	ppb-TOC	5800		3900		4100		4000		5000		15000	U	17000	U	14000	U	12000	U
Chrysene	218-01-9	ppb-TOC	45000		78000		84000		150000		140000		16000		21000		21000		27000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	3300		5100		8000		16000		10000		1700		2200		1900		2100	
Dibenzofuran	132-64-9	ppb-TOC	3300		12000	U	7700	U	6600		3500		15000	U	17000	U	14000	U	12000	U
Diethyl phthalate	84-66-2	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
Dimethylphthalate	131-11-3	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	1300	
Di-n-Octylphthalate	117-84-0	ppb-TOC	6900				4700													
Fluoranthene	206-44-0	ppb-TOC	75000		120000		120000		230000		180000		18000		24000		24000		38000	
Fluorene	86-73-7	ppb-TOC	9600		12000		9500		23000		13000		1000		1300		990		1500	
Hexachlorobenzene	118-74-1	ppb-TOC	850		580	U	600	U	1200	U	850	U	300	U	330	U	260	U	240	U
Hexachlorobutadiene	87-68-3	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED071		NB02SED071		NB02SED071		NB02SED071	
		Sample Name	NB02SED070C-05		NB02SED070C-06		NB02SED070C-07		NB02SED070C-08		NB02SED070C-09		NB02SED071D-01		NB02SED071D-02		NB02SED071D-03		NB02SED071D-04	
		Date Collected	12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	9700		14000		22000		38000		26000		4700		7400		6100		6900	
Isophorone	78-59-1	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
Naphthalene	91-20-3	ppb-TOC	14000		16000		14000		16000		27000		2200		2800		2300		2900	
Nitrobenzene	98-95-3	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
Pentachlorophenol	87-86-5	ppb-TOC	780	U			1200	U	2600	U	1700	U	590	U	640	U	550	U	480	U
Phenanthrene	85-01-8	ppb-TOC	46000		55000		54000		150000		85000		6400		8900		8200		11000	
Phenol	108-95-2	ppb-TOC	8200	U	12000	U	7700	U	7700	U	8700	U	15000	U	17000	U	14000	U	12000	U
Pyrene	129-00-0	ppb-TOC	120000		140000		99000		180000		130000		19000		26000		26000		33000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	410000		650000		650000		1200000		1000000		130000		180000		180000		220000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	120000		160000		160000		350000		210000		17000		23000		21000		30000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	530000		800000		800000		1500000		1200000		150000		200000		200000		250000	

		Location ID	NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED072		NB02SED072		NB02SED072		NB02SED072	
		Sample Name	NB02SED071D-05		NB02SED071D-06		NB02SED071D-07		NB02SED071D-08		NB02SED071D-09		NB02SED072D-01		NB02SED072D-02		NB02SED072D-03		NB02SED072D-04	
		Date Collected	11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	26000	U	25000	U	39000	U	38000	U	41000	U	18000	U	22000	U	22000	U	13000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
2-Chloronaphthalene	91-58-7	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
2-Chlorophenol	95-57-8	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
2-Methylnaphthalene	91-57-6	ppb-TOC	6400		6400		6800		11000		1400		980		1900		2400		1200	
2-Methylphenol	95-48-7	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
2-Nitroaniline	88-74-4	ppb-TOC	26000	U	25000	U	39000	U	38000	U	41000	U	18000	U	22000	U	22000	U	13000	U
2-Nitrophenol	88-75-5	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
3-Nitroaniline	99-09-2	ppb-TOC	26000	U	25000	U	39000	U	38000	U	41000	U	18000	U	22000	U	22000	U	13000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	26000	U	25000	U	39000	U	38000	U	41000	U	18000	U	22000	U	22000	U	13000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
4-Chloroaniline	106-47-8	ppb-TOC	4700		2600		20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
4-Methylphenol	106-44-5	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
4-Nitroaniline	100-01-6	ppb-TOC	26000	U	25000	U	39000	U	38000	U	41000	U	18000	U	22000	U	22000	U	13000	U
4-Nitrophenol	100-02-7	ppb-TOC	26000	U	25000	U	39000	U	38000	U	41000	U	18000	U	22000	U	22000	U	13000	U
Acenaphthene	83-32-9	ppb-TOC	13000		12000		6000		8900		1600		650		1100		1300		920	
Acenaphthylene	208-96-8	ppb-TOC	5700		4100		4300		17000		3300		1300		3000		2600		1300	
Acetophenone	98-86-2	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
Anthracene	120-12-7	ppb-TOC	160000		180000		28000		48000		8000		3000		5000		8700		4800	
Atrazine	1912-24-9	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
Benzaldehyde	100-52-7	ppb-TOC	14000	U	2200		20000	U	19000	U	21000	U	9500	U	1800		1700		1000	
Benzo(a)anthracene	56-55-3	ppb-TOC	54000		44000		46000		83000		25000		10000		17000		21000		9200	
Benzo(a)pyrene	50-32-8	ppb-TOC	45000		35000		46000		77000		29000		18000		31000		28000		12000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	45000		47000		57000		80000		21000		21000		40000		36000		12000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	15000		9300		13000		19000		6900		5800		14000		7100		2800	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	44000		27000		36000		54000		29000		14000		26000		26000		9200	
Biphenyl	92-52-4	ppb-TOC	14000	U	2000		20000	U	3200		21000	U	9500	U	11000	U	11000	U	6900	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	250000		290000		20000	U	19000	U	21000	U	58000		110000		520000		250000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	1700		13000	U	20000	U	19000	U	21000	U	2100		2000		2700		6900	U
Caprolactam	105-60-2	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
Carbazole	86-74-8	ppb-TOC	13000		14000		3900		3800		21000	U	9500	U	1200		1500		6900	U
Chrysene	218-01-9	ppb-TOC	69000		52000		64000		110000		29000		13000		22000		29000		13000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	7500		7300		3600		6100		2300		1700		2800		2600		850	
Dibenzofuran	132-64-9	ppb-TOC	8300		9000		3400		4500		21000	U	9500	U	11000	U	1200		6900	U
Diethyl phthalate	84-66-2	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
Dimethylphthalate	131-11-3	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	1300		1100		1400		710	
Di-n-Octylphthalate	117-84-0	ppb-TOC	5100		6400								9500	U	22000	U	45000	U	28000	U
Fluoranthene	206-44-0	ppb-TOC	180000		160000		110000		170000		38000		19000		24000		45000		17000	
Fluorene	86-73-7	ppb-TOC	29000		32000		9300		12000		1400		680		1100		1600		1200	
Hexachlorobenzene	118-74-1	ppb-TOC	320		1200	U	640	U	930	U	410	U	180	U	220	U	320	U	130	U
Hexachlorobutadiene	87-68-3	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED072		NB02SED072		NB02SED072		NB02SED072	
		Sample Name	NB02SED071D-05		NB02SED071D-06		NB02SED071D-07		NB02SED071D-08		NB02SED071D-09		NB02SED072D-01		NB02SED072D-02		NB02SED072D-03		NB02SED072D-04	
		Date Collected	11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	12000		9000		11000		16000		5800		5500		8400		7100		2500	
Isophorone	78-59-1	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
Naphthalene	91-20-3	ppb-TOC	9500		7300		10000		11000		2000		1700		2900		3000		1800	
Nitrobenzene	98-95-3	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	18000		8700		28000		15000		21000	U	9500	U	11000	U	11000	U	6900	U
Pentachlorophenol	87-86-5	ppb-TOC	1900	U	2500	U	1300	U	1900	U	830	U	380	U	430	U	650	U	280	U
Phenanthrene	85-01-8	ppb-TOC	84000		99000		34000		58000		6500		6000		9600		9700		4100	
Phenol	108-95-2	ppb-TOC	14000	U	13000	U	20000	U	19000	U	21000	U	9500	U	11000	U	11000	U	6900	U
Pyrene	129-00-0	ppb-TOC	110000		82000		85000		140000		35000		18000		29000		36000		14000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	580000		470000		460000		770000		220000		130000		210000		240000		92000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	300000		350000		100000		160000		24000		14000		25000		29000		15000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	900000		820000		570000		930000		240000		140000		240000		270000		110000	

		Location ID	NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073	
		Sample Name	NB02SED072D-05		NB02SED072D-06		NB02SED072D-07		NB02SED072D-08		NB02SED073D-01		NB02SED073D-02		NB02SED073D-03		NB02SED073D-04		NB02SED073D-05	
		Date Collected	11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	36000	U	44000	U	33000	U	86000	U	29000	U	30000	U	39000	U	36000	U	40000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
2-Chlorophenol	95-57-8	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	140		440	U	330	U	860	U	3000		2600		3400		3900		570	
2-Methylphenol	95-48-7	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
2-Nitroaniline	88-74-4	ppb-TOC	36000	U	44000	U	33000	U	86000	U	29000	U	30000	U	39000	U	36000	U	40000	U
2-Nitrophenol	88-75-5	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
3-Nitroaniline	99-09-2	ppb-TOC	36000	U	44000	U	33000	U	86000	U	29000	U	30000	U	39000	U	36000	U	40000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	36000	U	44000	U	33000	U	86000	U	29000	U	30000	U	39000	U	36000	U	40000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
4-Chloroaniline	106-47-8	ppb-TOC	19000	U	22000	U	17000	U	44000	U	4100		2600		24000		8800		20000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
4-Methylphenol	106-44-5	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
4-Nitroaniline	100-01-6	ppb-TOC	36000	U	44000	U	33000	U	86000	U	29000	U	30000	U	39000	U	36000	U	40000	U
4-Nitrophenol	100-02-7	ppb-TOC	36000	U	44000	U	33000	U	86000	U	29000	U	30000	U	39000	U	36000	U	40000	U
Acenaphthene	83-32-9	ppb-TOC	79		440	U	330	U	860	U	1400		1300		2100		4100		320	
Acenaphthylene	208-96-8	ppb-TOC	120		440	U	330	U	860	U	2900		2800		8700		3300		560	
Acetophenone	98-86-2	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
Anthracene	120-12-7	ppb-TOC	330		170		110		860	U	21000		7800		16000		94000		5800	
Atrazine	1912-24-9	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
Benzaldehyde	100-52-7	ppb-TOC	19000	U	22000	U	17000	U	44000	U	2400		2300		4500		19000	U	20000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	700		170		68		860	U	27000		23000		29000		41000		6200	
Benzo(a)pyrene	50-32-8	ppb-TOC	1400	U	440	U	400	U	980	U	41000		40000		42000		41000		7500	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	1300		270		130		860	U	41000		41000		45000		39000		6300	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	690		150		63		860	U	10000		12000		17000		14000		2200	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	1100		210		87		860	U	38000		39000		47000		50000		3900	
Biphenyl	92-52-4	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	19000	U	22000	U	17000	U	44000	U	1200000		490000		2300000		800000		43000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	3100		4800		3000		4600		4500		4500		7900		3600		20000	U
Caprolactam	105-60-2	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
Carbazole	86-74-8	ppb-TOC	19000	U	22000	U	17000	U	44000	U	2100		1600		2200		3000		20000	U
Chrysene	218-01-9	ppb-TOC	930		200		110		860	U	34000		31000		37000		47000		6900	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	220		440	U	240		860	U	15000	U	15000	U	21000	U	19000	U	820	
Dibenzofuran	132-64-9	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
Diethyl phthalate	84-66-2	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
Dimethylphthalate	131-11-3	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	19000	U	22000	U	17000	U	44000	U	5500		2600		21000	U	19000	U	20000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	19000	U	22000	U	17000	U	44000	U	6900		15000	U	210000	U	12000		20000	U
Fluoranthene	206-44-0	ppb-TOC	1300		310		130		860	U	62000		38000		87000		110000		7000	
Fluorene	86-73-7	ppb-TOC	100		440	U	330	U	860	U	2400		1200		2100		6600		630	
Hexachlorobenzene	118-74-1	ppb-TOC	360	U	440	U	330	U	860	U	380	U	300	U	200		550	U	400	U
Hexachlorobutadiene	87-68-3	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

		Location ID	NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073	
		Sample Name	NB02SED072D-05		NB02SED072D-06		NB02SED072D-07		NB02SED072D-08		NB02SED073D-01		NB02SED073D-02		NB02SED073D-03		NB02SED073D-04		NB02SED073D-05	
		Date Collected	11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	610		130		50		860	U	10000		12000		14000		12000		2400	
Isophorone	78-59-1	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
Naphthalene	91-20-3	ppb-TOC	360	U	440	U	330	U	860	U	4100		4100		4700		5500		400	U
Nitrobenzene	98-95-3	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
Pentachlorophenol	87-86-5	ppb-TOC	710	U	890	U	660	U	1800	U	190000	U	74000	U	390000	U	140000	U	40000	U
Phenanthrene	85-01-8	ppb-TOC	460		220		110		860	U	13000		13000		11000		21000		2800	
Phenol	108-95-2	ppb-TOC	19000	U	22000	U	17000	U	44000	U	15000	U	15000	U	21000	U	19000	U	20000	U
Pyrene	129-00-0	ppb-TOC	1600		500	U	330	U	860	U	58000		49000		97000		99000		14000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	8600		1500		670		980	U	320000		280000		420000		470000		57000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	1200		390		160		860	U	48000		33000		47000		140000		10000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	10000		1900		830		980	U	380000		320000		470000		610000		68000	

		Location ID	NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED074		NB02SED074		NB02SED074		NB02SED074	
		Sample Name	NB02SED073D-06		NB02SED073D-07		NB02SED073D-08		NB02SED073D-09		NB02SED073D-15		NB02SED074C-02		NB02SED074C-03		NB02SED074C-04		NB02SED074C-05	
		Date Collected	11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		23.5-25.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	26000	U	40000	U	44000	U	14000	U	82000	U	26000	U	42000	U	35000	U	39000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
2-Chlorophenol	95-57-8	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	87		400	U	440	U	140	U	820	U	1900		1800		2400		4400	
2-Methylphenol	95-48-7	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
2-Nitroaniline	88-74-4	ppb-TOC	26000	U	40000	U	44000	U	14000	U	82000	U	26000	U	42000	U	35000	U	39000	U
2-Nitrophenol	88-75-5	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
3-Nitroaniline	99-09-2	ppb-TOC	26000	U	40000	U	44000	U	14000	U	82000	U	26000	U	42000	U	35000	U	39000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	26000	U	40000	U	44000	U	14000	U	82000	U	26000	U	42000	U	35000	U	39000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
4-Chloroaniline	106-47-8	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	2500		5500		1900		4000	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
4-Methylphenol	106-44-5	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
4-Nitroaniline	100-01-6	ppb-TOC	26000	U	40000	U	44000	U	14000	U	82000	U	26000	U	42000	U	35000	U	39000	U
4-Nitrophenol	100-02-7	ppb-TOC	26000	U	40000	U	44000	U	14000	U	82000	U	26000	U	42000	U	35000	U	39000	U
Acenaphthene	83-32-9	ppb-TOC	57		400	U	440	U	140	U	820	U	1200		1600		4100		8700	
Acenaphthylene	208-96-8	ppb-TOC	65		400	U	440	U	140	U	820	U	2100		2900		2300		2800	
Acetophenone	98-86-2	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
Anthracene	120-12-7	ppb-TOC	520		250		140		140	U	820	U	8200		9400		20000		32000	
Atrazine	1912-24-9	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
Benzaldehyde	100-52-7	ppb-TOC	13000	U	21000	U	23000	U	7100	U	8800		13000	U	3100		4100		6400	
Benzo(a)anthracene	56-55-3	ppb-TOC	360		270		130		140	U	820	U	22000		24000		35000		38000	
Benzo(a)pyrene	50-32-8	ppb-TOC	260	U	570	U	440	U	140	U	820	U	37000		34000		38000		36000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	740		400		210		30		820	U	36000		31000		44000		41000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	270		240		130		140	U	820	U	11000		10000		11000		9700	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	570		280		130		140	U	820	U	37000		34000		31000		37000	
Biphenyl	92-52-4	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	17000		21000	U	23000	U	7100	U	42000	U	1700000		2500000		1500000		390000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	2200		2600		18000	U	3300	
Caprolactam	105-60-2	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
Carbazole	86-74-8	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	2800	
Chrysene	218-01-9	ppb-TOC	480		340		180		30		820	U	29000		31000		41000		46000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	96		400	U	440	U	140	U	820	U	3000		2900		3100		6200	
Dibenzofuran	132-64-9	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	2800	
Diethyl phthalate	84-66-2	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
Dimethylphthalate	131-11-3	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	130000	U	210000	U	6900		60000	
Fluoranthene	206-44-0	ppb-TOC	650		570		280		110		820	U	59000		68000		97000		110000	
Fluorene	86-73-7	ppb-TOC	100		88		440	U	140	U	820	U	1400		1300		3800		11000	
Hexachlorobenzene	118-74-1	ppb-TOC	260	U	400	U	440	U	140	U	820	U	410	U	340	U	470	U	160	
Hexachlorobutadiene	87-68-3	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC			21000	U	23000	U	7100	U	42000	U								

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED074		NB02SED074		NB02SED074		NB02SED074	
		Sample Name	NB02SED073D-06		NB02SED073D-07		NB02SED073D-08		NB02SED073D-09		NB02SED073D-15		NB02SED074C-02		NB02SED074C-03		NB02SED074C-04		NB02SED074C-05	
		Date Collected	11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		23.5-25.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	300		220		110		140	U	820	U	10000		9400		10000		9000	
Isophorone	78-59-1	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
Naphthalene	91-20-3	ppb-TOC	260	U	400	U	440	U	140	U	820	U	3500		3400		5300		11000	
Nitrobenzene	98-95-3	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	13000	U	21000	U	18000	U	20000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	13000	U	21000	U	23000	U	7100	U	42000	U	2000		2600		5000		9900	
Pentachlorophenol	87-86-5	ppb-TOC	26000	U	810	U	920	U	280	U	1700	U	860	U	700	U	970	U	1400	U
Phenanthrene	85-01-8	ppb-TOC	240		160		120		30		820	U	8900		8800		14000		28000	
Phenol	108-95-2	ppb-TOC	13000	U	21000	U	23000	U	7100	U	7000		13000	U	21000	U	18000	U	20000	U
Pyrene	129-00-0	ppb-TOC	830		660		440	U	140	U	820	U	56000		47000		63000		68000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	4300		3000		1200		170		820	U	300000		290000		380000		410000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	1100		460		260		30		820	U	27000		29000		50000		99000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	5200		3400		1400		200		820	U	330000		310000		440000		490000	

		Location ID	NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074	
		Sample Name	NB02SED074C-06		NB02SED074C-07		NB02SED074C-08		NB02SED074C-09		NB02SED074C-10		NB02SED074C-11		NB02SED074C-12		NB02SED074C-13		NB02SED074C-14	
		Date Collected	11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	32000	U	30000	U	56000	U	29000	U	27000	U	34000	U	19000	U	27000	U	31000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
2-Chlorophenol	95-57-8	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	8500		7000		12000		8700		10000		11000		6900		8500		5400	
2-Methylphenol	95-48-7	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
2-Nitroaniline	88-74-4	ppb-TOC	32000	U	30000	U	56000	U	29000	U	27000	U	34000	U	19000	U	27000	U	31000	U
2-Nitrophenol	88-75-5	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
3-Nitroaniline	99-09-2	ppb-TOC	32000	U	30000	U	56000	U	29000	U	27000	U	34000	U	19000	U	27000	U	31000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	32000	U	30000	U	56000	U	29000	U	27000	U	34000	U	19000	U	27000	U	31000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
4-Chloroaniline	106-47-8	ppb-TOC	6100		2700		28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
4-Methylphenol	106-44-5	ppb-TOC	16000	U	16000	U	28000	U	14000	U	1600		2000		9800	U	2900		1600	
4-Nitroaniline	100-01-6	ppb-TOC	32000	U	30000	U	56000	U	29000	U	27000	U	34000	U	19000	U	27000	U	31000	U
4-Nitrophenol	100-02-7	ppb-TOC	32000	U	30000	U	56000	U	29000	U	27000	U	34000	U	19000	U	27000	U	31000	U
Acenaphthene	83-32-9	ppb-TOC	11000		8400		12000		9400		12000		12000		5700		6500		4300	
Acenaphthylene	208-96-8	ppb-TOC	2700		1800		2100		2000		5000		3400		2100		3100		2900	
Acetophenone	98-86-2	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
Anthracene	120-12-7	ppb-TOC	55000		17000		24000		22000		29000		26000		17000		22000		20000	
Atrazine	1912-24-9	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
Benzaldehyde	100-52-7	ppb-TOC	16000	U	4300		5100		4300		3300		3100		9800	U	14000	U	3400	
Benzo(a)anthracene	56-55-3	ppb-TOC	45000		28000		36000		36000		54000		53000		31000		49000		45000	
Benzo(a)pyrene	50-32-8	ppb-TOC	40000		25000		34000		34000		40000		51000		31000		52000		47000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	47000		23000		41000		36000		46000		48000		36000		59000		52000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	11000		8000		9800		10000		16000		16000		10000		18000		15000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	42000		27000		28000		27000		54000		55000		27000		45000		45000	
Biphenyl	92-52-4	ppb-TOC	16000	U	16000	U	28000	U	14000	U	2300		17000	U	9800	U	2000		16000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	400000		400000		580000		82000		54000		23000		12000		14000	U	16000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
Caprolactam	105-60-2	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
Carbazole	86-74-8	ppb-TOC	10000		3300		6200		5300		5900		6900		3700		5400		4900	
Chrysene	218-01-9	ppb-TOC	53000		33000		49000		46000		67000		61000		40000		61000		56000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	7200		3100		4900	U	2700		11000		7600		4200		6700		5900	
Dibenzofuran	132-64-9	ppb-TOC	5900		3700		6600		4300		6100		5300		3100		4000		2700	
Diethyl phthalate	84-66-2	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
Dimethylphthalate	131-11-3	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	32000		40000		73000	U					26000	U						
Fluoranthene	206-44-0	ppb-TOC	160000		87000		140000		120000		160000		160000		94000		130000		110000	
Fluorene	86-73-7	ppb-TOC	19000		11000		16000		10000		17000		17000		9400		11000		7400	
Hexachlorobenzene	118-74-1	ppb-TOC	490		200		1200		1200	U	1200	U	850	U	590	U	830	U	610	U
Hexachlorobutadiene	87-68-3	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

		Location ID	NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074	
		Sample Name	NB02SED074C-06		NB02SED074C-07		NB02SED074C-08		NB02SED074C-09		NB02SED074C-10		NB02SED074C-11		NB02SED074C-12		NB02SED074C-13		NB02SED074C-14	
		Date Collected	11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	10000		6400		7500		8400		13000		13000		8500		16000		14000	
Isophorone	78-59-1	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
Naphthalene	91-20-3	ppb-TOC	21000		14000		16000		13000		14000		18000		7600		12000		8600	
Nitrobenzene	98-95-3	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	15000		8400		17000		18000		16000		13000		12000		7900		4700	
Pentachlorophenol	87-86-5	ppb-TOC	1600	U	970	U	1400	U	2300	U	2500	U	1700	U	1200	U	1700	U	1300	U
Phenanthrene	85-01-8	ppb-TOC	51000		37000		56000		41000		61000		52000		34000		43000		38000	
Phenol	108-95-2	ppb-TOC	16000	U	16000	U	28000	U	14000	U	14000	U	17000	U	9800	U	14000	U	16000	U
Pyrene	129-00-0	ppb-TOC	93000		64000		84000		89000		120000		110000		70000		110000		90000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	510000		300000		430000		410000		590000		570000		360000		540000		490000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	170000		97000		140000		110000		150000		140000		83000		110000		86000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	680000		400000		560000		510000		730000		720000		440000		650000		560000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED074		NB02SED074		NB02SED074		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075	
		Sample Name	NB02SED074C-15		NB02SED074C-16		NB02SED074C-17		NB02SED075F-01		NB02SED075F-02		NB02SED075F-03		NB02SED075F-04		NB02SED075F-05		NB02SED075F-06	
		Date Collected	11/6/2007		11/6/2007		11/6/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007	
		Depth	23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	31000	U	25000	U	38000	U	24000	U	22000	U	41000	U	23000	U	23000	U	29000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
2-Chlorophenol	95-57-8	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	9600		11000		12000		1700		3300		5500		3100		7500		11000	
2-Methylphenol	95-48-7	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
2-Nitroaniline	88-74-4	ppb-TOC	31000	U	25000	U	38000	U	24000	U	22000	U	41000	U	23000	U	23000	U	29000	U
2-Nitrophenol	88-75-5	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
3-Nitroaniline	99-09-2	ppb-TOC	31000	U	25000	U	38000	U	24000	U	22000	U	41000	U	23000	U	23000	U	29000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	31000	U	25000	U	38000	U	24000	U	22000	U	41000	U	23000	U	23000	U	29000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
4-Chloroaniline	106-47-8	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	1700	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
4-Methylphenol	106-44-5	ppb-TOC	2200		2000		20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
4-Nitroaniline	100-01-6	ppb-TOC	31000	U	25000	U	38000	U	24000	U	22000	U	41000	U	23000	U	23000	U	29000	U
4-Nitrophenol	100-02-7	ppb-TOC	31000	U	25000	U	38000	U	24000	U	22000	U	41000	U	23000	U	23000	U	29000	U
Acenaphthene	83-32-9	ppb-TOC	7200		7400		9000		4000		11000		26000		2800		9600		41000	
Acenaphthylene	208-96-8	ppb-TOC	4600		4800		5800		1800		2400		4800		1800		2800		4300	
Acetophenone	98-86-2	ppb-TOC	16000	U	13000	U	20000	U	6200		2900		21000	U	12000	U	1400		1600	
Anthracene	120-12-7	ppb-TOC	24000		20000		29000		10000		18000		62000		7300		120000		140000	
Atrazine	1912-24-9	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
Benzaldehyde	100-52-7	ppb-TOC	3400		13000	U	20000	U	3100		2600		21000	U	1800		2200		16000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	58000		47000		48000		26000		38000		130000		21000		47000		96000	
Benzo(a)pyrene	50-32-8	ppb-TOC	58000		48000		38000		26000		40000		93000		28000		47000		64000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	55000		45000		32000		45000		60000		120000		37000		80000		90000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	18000		17000		8300		9800		13000		26000		11000		17000		19000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	58000		45000		35000		26000		57000		130000		39000		47000		84000	
Biphenyl	92-52-4	ppb-TOC	2600		2200		20000	U	13000	U	1200		21000	U	12000	U	2000		2400	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	16000	U	13000	U	20000	U	240000		480000		4100000		230000		700000		1500000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	16000	U	13000	U	20000	U	2600		3300		67000		3900		8000		12000	
Caprolactam	105-60-2	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
Carbazole	86-74-8	ppb-TOC	5500		4500		4500		2300		3600		7400		2100		24000		9900	
Chrysene	218-01-9	ppb-TOC	67000		61000		58000		36000		48000		150000		28000		90000		120000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	6700		5600		3000		2900		4000		9100		3400		4900		14000	
Dibenzofuran	132-64-9	ppb-TOC	3600		3200		3100		2400		4000		7700		2300		7200		9000	
Diethyl phthalate	84-66-2	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
Dimethylphthalate	131-11-3	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	16000	U	13000	U	20000	U	13000	U	2900		2600		1300		2500		2100	
Di-n-Octylphthalate	117-84-0	ppb-TOC							4000		6400		18000		2800		6200		13000	
Fluoranthene	206-44-0	ppb-TOC	130000		97000		110000		83000		220000		360000		65000		200000		550000	
Fluorene	86-73-7	ppb-TOC	9600		9300		13000		3300		4300		16000		2500		15000		24000	
Hexachlorobenzene	118-74-1	ppb-TOC	770	U	630	U	770	U	310	U	900	U	2100	U	310	U	780	U	1900	U
Hexachlorobutadiene	87-68-3	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED074		NB02SED074		NB02SED074		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075	
		Sample Name	NB02SED074C-15		NB02SED074C-16		NB02SED074C-17		NB02SED075F-01		NB02SED075F-02		NB02SED075F-03		NB02SED075F-04		NB02SED075F-05		NB02SED075F-06	
		Date Collected	11/6/2007		11/6/2007		11/6/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007	
		Depth	23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	17000		15000		8000		9800		13000		26000		10000		16000		20000	
Isophorone	78-59-1	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	320000	
Naphthalene	91-20-3	ppb-TOC	14000		15000		11000		3600		7100		9300		4200		8500		16000	
Nitrobenzene	98-95-3	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	6200		6600		8300		13000	U	12000	U	21000	U	1600		12000	U	16000	U
Pentachlorophenol	87-86-5	ppb-TOC	1500	U	1300	U	1500	U	620	U	1800	U	4300	U	650	U	1600	U	3800	U
Phenanthrene	85-01-8	ppb-TOC	43000		39000		48000		18000		20000		110000		16000		47000		75000	
Phenol	108-95-2	ppb-TOC	16000	U	13000	U	20000	U	13000	U	12000	U	21000	U	12000	U	12000	U	16000	U
Pyrene	129-00-0	ppb-TOC	120000		100000		67000		43000		120000		240000		51000		120000		260000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	600000		480000		420000		310000		620000		1300000		280000		670000		1300000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	110000		110000		130000		43000		67000		230000		37000		210000		320000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	700000		590000		540000		360000		670000		1500000		340000		880000		1600000	

		Location ID	NB02SED075		NB02SED075		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076	
		Sample Name	NB02SED075F-07		NB02SED075F-08		NB02SED076D-01		NB02SED076D-02		NB02SED076D-03		NB02SED076D-04		NB02SED076D-05		NB02SED076D-06		NB02SED076D-07	
		Date Collected	12/7/2007		12/7/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007	
		Depth	7.5-9.5		9.5-10.7		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	37000	U	38000	U	25000	U	34000	U	28000	U	31000	U	28000	U	41000	U	35000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
2-Chlorophenol	95-57-8	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	8500		13000		1800		1900		2700		5300		3800		4700		14000	
2-Methylphenol	95-48-7	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
2-Nitroaniline	88-74-4	ppb-TOC	37000	U	38000	U	25000	U	34000	U	28000	U	31000	U	28000	U	41000	U	35000	U
2-Nitrophenol	88-75-5	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
3-Nitroaniline	99-09-2	ppb-TOC	37000	U	38000	U	25000	U	34000	U	28000	U	31000	U	28000	U	41000	U	35000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	630000	U	38000	U	25000	U	34000	U	28000	U	31000	U	28000	U	41000	U	35000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
4-Chloroaniline	106-47-8	ppb-TOC	3700		3300		13000	U	10000		3900		16000	U	4600		6300		18000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
4-Methylphenol	106-44-5	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
4-Nitroaniline	100-01-6	ppb-TOC	37000	U	38000	U	25000	U	34000	U	28000	U	31000	U	28000	U	41000	U	35000	U
4-Nitrophenol	100-02-7	ppb-TOC	37000	U	38000	U	25000	U	34000	U	28000	U	31000	U	28000	U	41000	U	35000	U
Acenaphthene	83-32-9	ppb-TOC	60000		110000		1800		1300		5400		5300		11000		9500		23000	
Acenaphthylene	208-96-8	ppb-TOC	5700		5300		3500		2600		3100		3100		4000		3700		15000	
Acetophenone	98-86-2	ppb-TOC	19000	U	19000	U	2200		1900		6600		6300		5700		22000	U	18000	U
Anthracene	120-12-7	ppb-TOC	120000		160000		8100		8400		19000		30000		62000		30000		53000	
Atrazine	1912-24-9	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
Benzaldehyde	100-52-7	ppb-TOC	19000	U	19000	U	1300		18000	U	15000	U	4200		4000		22000	U	4400	
Benzo(a)anthracene	56-55-3	ppb-TOC	170000		120000		32000		23000		31000		36000		55000		45000		92000	
Benzo(a)pyrene	50-32-8	ppb-TOC	83000		61000		42000		31000		32000		37000		49000		41000		86000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	100000		76000		46000		31000		42000		43000		47000		36000		69000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	19000		16000		7700		4700		6900		7200		14000		14000		25000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	120000		91000		38000		37000		42000		47000		53000		45000		94000	
Biphenyl	92-52-4	ppb-TOC	2200		19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	3700000		1500000		130000		1600000		1800000		1600000		350000		630000		400000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	2800		2200		2200		2300		15000	U	16000	U	15000	U	22000	U	18000	U
Caprolactam	105-60-2	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
Carbazole	86-74-8	ppb-TOC	9400		21000		1500		18000	U	15000	U	2400		6300		22000	U	18000	U
Chrysene	218-01-9	ppb-TOC	170000		130000		38000		26000		39000		46000		63000		53000		100000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	16000		11000		2500		18000	U	1900		2100		6300		4300		6800	
Dibenzofuran	132-64-9	ppb-TOC	11000		38000		1400		18000	U	15000	U	16000	U	3200		3400		8600	
Diethyl phthalate	84-66-2	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
Dimethylphthalate	131-11-3	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	23000		16000		13000	U	180000	U	150000	U	160000	U	46000		32000		18000	U
Fluoranthene	206-44-0	ppb-TOC	540000		760000		50000		47000		73000		87000		130000		110000		180000	
Fluorene	86-73-7	ppb-TOC	40000		110000		1400		1000		2700		8200		9700		11000		18000	U
Hexachlorobenzene	118-74-1	ppb-TOC	2600	U	3800	U	420	U	73		580	U	630	U	250		470		720	
Hexachlorobutadiene	87-68-3	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC					13000	U	180000	U	150000	U	160000	U	29000	U	55000	U	28000	U

		Location ID	NB02SED075		NB02SED075		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076	
		Sample Name	NB02SED075F-07		NB02SED075F-08		NB02SED076D-01		NB02SED076D-02		NB02SED076D-03		NB02SED076D-04		NB02SED076D-05		NB02SED076D-06		NB02SED076D-07	
		Date Collected	12/7/2007		12/7/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007	
		Depth	7.5-9.5		9.5-10.7		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	22000		16000		7700		4500		6200		5800		13000		12000		20000	
Isophorone	78-59-1	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
Naphthalene	91-20-3	ppb-TOC	23000		38000		3600		3100		8100		11000		11000		22000		72000	
Nitrobenzene	98-95-3	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	19000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	310000	U	19000	U	13000	U	18000	U	15000	U	16000	U	15000	U	22000	U	18000	U
Pentachlorophenol	87-86-5	ppb-TOC	5400	U	7600	U	850	U	710	U	1200	U	1300	U	1900	U	1300	U	1400	U
Phenanthrene	85-01-8	ppb-TOC	120000		300000		16000		7300		10000		37000		27000		37000		76000	
Phenol	108-95-2	ppb-TOC	19000	U	19000	U	13000	U	18000	U	1800		1800		15000	U	22000	U	18000	U
Pyrene	129-00-0	ppb-TOC	430000		350000		62000		50000		81000		92000		100000		83000		160000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	1700000		1600000		330000		250000		360000		400000		540000		430000		840000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	370000		720000		36000		26000		50000		100000		130000		120000		250000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	2100000		2300000		360000		290000		420000		480000		660000		550000		1100000	

		Location ID	NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076	
		Sample Name	NB02SED076D-08		NB02SED076D-09		NB02SED076D-10		NB02SED076D-11		NB02SED076D-12		NB02SED076D-13		NB02SED076D-14		NB02SED076D-15		NB02SED076D-16	
		Date Collected	10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007	
		Depth	9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	50000	U	52000	U	31000	U	35000	U	23000	U	30000	U	38000	U	27000	U	28000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
2-Chlorophenol	95-57-8	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	16000		22000		9100		2900		230	U	300	U	380	U	270	U	280	U
2-Methylphenol	95-48-7	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
2-Nitroaniline	88-74-4	ppb-TOC	50000	U	52000	U	31000	U	35000	U	23000	U	30000	U	38000	U	27000	U	28000	U
2-Nitrophenol	88-75-5	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
3-Nitroaniline	99-09-2	ppb-TOC	50000	U	52000	U	31000	U	35000	U	23000	U	30000	U	38000	U	27000	U	28000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	50000	U	52000	U	31000	U	35000	U	23000	U	30000	U	38000	U	27000	U	28000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
4-Chloroaniline	106-47-8	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
4-Methylphenol	106-44-5	ppb-TOC	26000	U	26000	U	2500		18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
4-Nitroaniline	100-01-6	ppb-TOC	50000	U	52000	U	31000	U	35000	U	23000	U	30000	U	38000	U	27000	U	28000	U
4-Nitrophenol	100-02-7	ppb-TOC	50000	U	52000	U	31000	U	35000	U	23000	U	30000	U	38000	U	27000	U	28000	U
Acenaphthene	83-32-9	ppb-TOC	28000		43000		18000		5400		54		300	U	380	U	270	U	280	U
Acenaphthylene	208-96-8	ppb-TOC	9100		9100		6800		3000		230	U	300	U	380	U	270	U	280	U
Acetophenone	98-86-2	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	2000		2300		1800		2400	
Anthracene	120-12-7	ppb-TOC	65000		77000		39000		15000		170		83		380	U	270	U	280	U
Atrazine	1912-24-9	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
Benzaldehyde	100-52-7	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	110000		130000		81000		37000		250		300	U	380	U	270	U	280	U
Benzo(a)pyrene	50-32-8	ppb-TOC	100000		120000		84000		34000		300	U	300	U	380	U	270	U	280	U
Benzo(b)fluoranthene	205-99-2	ppb-TOC	120000		120000		110000		31000		220		300	U	380	U	270	U	280	U
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	16000		19000		15000		6400		140		300	U	380	U	270	U	280	U
Benzo(k)fluoranthene	207-08-9	ppb-TOC	130000		160000		84000		27000		150		300	U	380	U	270	U	280	U
Biphenyl	92-52-4	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	20000		26000	U	16000	U	3800		1500		16000	U	20000	U	14000	U	14000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
Caprolactam	105-60-2	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
Carbazole	86-74-8	ppb-TOC	8800		10000		2800		18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
Chrysene	218-01-9	ppb-TOC	120000		130000		87000		41000		260		67		380	U	270	U	280	U
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	5000		6000		4500		2800		230	U	300	U	380	U	270	U	280	U
Dibenzofuran	132-64-9	ppb-TOC	13000		19000		5200	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
Diethyl phthalate	84-66-2	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
Dimethylphthalate	131-11-3	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
Fluoranthene	206-44-0	ppb-TOC	280000		330000		160000		55000		420		110		91		75		100	
Fluorene	86-73-7	ppb-TOC	29000	U	41000		16000		2800		120		100		91		55		85	
Hexachlorobenzene	118-74-1	ppb-TOC	1600	U	1700	U	940	U	350	U	230	U	300	U	380	U	270	U	280	U
Hexachlorobutadiene	87-68-3	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U

		Location ID	NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076	
		Sample Name	NB02SED076D-08		NB02SED076D-09		NB02SED076D-10		NB02SED076D-11		NB02SED076D-12		NB02SED076D-13		NB02SED076D-14		NB02SED076D-15		NB02SED076D-16	
		Date Collected	10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007	
		Depth	9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	15000		17000		13000		6300		120		300	U	380	U	270	U	280	U
Isophorone	78-59-1	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
Naphthalene	91-20-3	ppb-TOC	83000		140000		36000		5800		270	U	300	U	380	U	270	U	280	U
Nitrobenzene	98-95-3	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
Pentachlorophenol	87-86-5	ppb-TOC	3400	U	3400	U	1900	U	710	U	460	U	610	U	760	U	550	U	580	U
Phenanthrene	85-01-8	ppb-TOC	110000		160000		68000		21000		360		110		83		270	U	280	U
Phenol	108-95-2	ppb-TOC	26000	U	26000	U	16000	U	18000	U	12000	U	16000	U	20000	U	14000	U	14000	U
Pyrene	129-00-0	ppb-TOC	160000		210000		110000		60000		390		300	U	380	U	270	U	280	U
Total HMW PAHs-SVOC	No CAS	ppb-TOC	1100000		1200000		740000		300000		2000		170		91		75		100	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	310000		500000		190000		56000		690		290		170		55		85	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1400000		1700000		940000		360000		2700		470		270		130		190	

		Location ID	NB02SED076		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077	
		Sample Name	NB02SED076D-17		NB02SED077C-01		NB02SED077C-02		NB02SED077C-03		NB02SED077C-04		NB02SED077C-05		NB02SED077C-06		NB02SED077C-07		NB02SED077C-08	
		Date Collected	10/30/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007	
		Depth	27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	81000	U	21000	U	29000	U	45000	U	45000	U	37000	U	53000	U	33000	U	44000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
2-Chlorophenol	95-57-8	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	810	U	2200		2400		3700		8900		18000		14000		14000		28000	
2-Methylphenol	95-48-7	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
2-Nitroaniline	88-74-4	ppb-TOC	81000	U	21000	U	29000	U	45000	U	45000	U	37000	U	53000	U	33000	U	44000	U
2-Nitrophenol	88-75-5	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
3-Nitroaniline	99-09-2	ppb-TOC	81000	U	21000	U	29000	U	45000	U	45000	U	37000	U	53000	U	33000	U	44000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	81000	U	21000	U	29000	U	45000	U	45000	U	37000	U	53000	U	33000	U	44000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
4-Chloroaniline	106-47-8	ppb-TOC	42000	U	11000	U	2400		5300		4500		3700		26000	U	17000	U	23000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
4-Methylphenol	106-44-5	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	1800		23000	U
4-Nitroaniline	100-01-6	ppb-TOC	81000	U	21000	U	29000	U	45000	U	45000	U	37000	U	53000	U	33000	U	44000	U
4-Nitrophenol	100-02-7	ppb-TOC	81000	U	21000	U	29000	U	45000	U	45000	U	37000	U	53000	U	33000	U	44000	U
Acenaphthene	83-32-9	ppb-TOC	810	U	3600		1800		4500		18000		26000		17000		14000		28000	
Acenaphthylene	208-96-8	ppb-TOC	810	U	6600		5800		4800		5800		5500		7000		10000		15000	
Acetophenone	98-86-2	ppb-TOC	5300		11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
Anthracene	120-12-7	ppb-TOC	210		20000		13000		27000		70000		70000		39000		38000		75000	
Atrazine	1912-24-9	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
Benzaldehyde	100-52-7	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	170		63000		41000		43000		77000		85000		64000		71000		110000	
Benzo(a)pyrene	50-32-8	ppb-TOC	810	U	86000		58000		48000		67000		70000		64000		73000		100000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	250		95000		61000		59000		86000		73000		57000		89000		110000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	810	U	28000		17000		14000		19000		20000		15000		22000		28000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	810	U	72000		52000		43000		61000		79000		57000		56000		86000	
Biphenyl	92-52-4	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	2200		26000	U	1800		4100	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	42000	U	110000		1300000		1600000		640000		610000		550000		17000	U	23000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	42000	U	2900		2300		2600		23000	U	2700		26000	U	17000	U	23000	U
Caprolactam	105-60-2	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
Carbazole	86-74-8	ppb-TOC	42000	U	2800		15000	U	2600		4800		4600		3700		7100		9700	
Chrysene	218-01-9	ppb-TOC	170		69000		50000		51000		83000		95000		81000		83000		130000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	810	U	8600		5200		4500		6100		6400		14000		7100		9400	
Dibenzofuran	132-64-9	ppb-TOC	42000	U	1900		15000	U	24000	U	6700		11000		7200		6700		11000	
Diethyl phthalate	84-66-2	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
Dimethylphthalate	131-11-3	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	42000	U	3900		3200		24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	42000	U	11000	U	4400		37000		21000		29000		16000		45000	U	64000	U
Fluoranthene	206-44-0	ppb-TOC	190		99000		82000		120000		200000		270000		140000		160000		270000	
Fluorene	86-73-7	ppb-TOC	810	U	2900		1800		5900		24000		30000		20000		17000		30000	
Hexachlorobenzene	118-74-1	ppb-TOC	810	U	690	U	500	U	750	U	420		460		1600	U	1300	U	1800	U
Hexachlorobutadiene	87-68-3	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	42000	U	11000	U	130000	U	140000	U	58000	U	64000	U	55000	U				

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED076		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077	
		Sample Name	NB02SED076D-17		NB02SED077C-01		NB02SED077C-02		NB02SED077C-03		NB02SED077C-04		NB02SED077C-05		NB02SED077C-06		NB02SED077C-07		NB02SED077C-08	
		Date Collected	10/30/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007	
		Depth	27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	810	U	28000		17000		14000		19000		19000		15000		20000		27000	
Isophorone	78-59-1	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
Naphthalene	91-20-3	ppb-TOC	810	U	6600		5500		24000	U	27000		58000		61000		100000		100000	
Nitrobenzene	98-95-3	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	42000	U	11000	U	2400		8000		19000		14000		9000		7100		10000	
Pentachlorophenol	87-86-5	ppb-TOC	1600	U	1400	U	990	U	1500	U	1500	U	1500	U	3300	U	2700	U	3600	U
Phenanthrene	85-01-8	ppb-TOC	210		26000		12000		19000		64000		110000		79000		73000		140000	
Phenol	108-95-2	ppb-TOC	42000	U	11000	U	15000	U	24000	U	23000	U	19000	U	26000	U	17000	U	23000	U
Pyrene	129-00-0	ppb-TOC	810	U	92000		67000		78000		120000		160000		77000		110000		180000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	790		630000		440000		480000		730000		880000		590000		690000		1000000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	420		69000		41000		64000		220000		300000		240000		270000		410000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1200		720000		500000		530000		960000		1200000		830000		960000		1500000	

		Location ID	NB02SED077		NB02SED077		NB02SED077		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078	
		Sample Name	NB02SED077C-09		NB02SED077C-10		NB02SED077C-11		NB02SED078F-01		NB02SED078H-02		NB02SED078H-03		NB02SED078H-04		NB02SED078H-05		NB02SED078H-06	
		Date Collected	11/15/2007		11/15/2007		11/15/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	110000	U	41000	U	40000	U	17000	U	23000	U	21000	U	58000	U	55000	U	53000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
2-Chlorophenol	95-57-8	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	66000		34000		21000		2200		1800		1900		2400		4500		5100	
2-Methylphenol	95-48-7	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
2-Nitroaniline	88-74-4	ppb-TOC	110000	U	41000	U	40000	U	17000	U	23000	U	21000	U	58000	U	55000	U	53000	U
2-Nitrophenol	88-75-5	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
3-Nitroaniline	99-09-2	ppb-TOC	110000	U	41000	U	40000	U	17000	U	23000	U	21000	U	58000	U	55000	U	53000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	110000	U	41000	U	40000	U	17000	U	23000	U	21000	U	58000	U	55000	U	53000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
4-Chloroaniline	106-47-8	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	2700		6600		15000		8100	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
4-Methylphenol	106-44-5	ppb-TOC	56000	U	2300		2100		8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
4-Nitroaniline	100-01-6	ppb-TOC	110000	U	41000	U	40000	U	17000	U	23000	U	21000	U	58000	U	55000	U	53000	U
4-Nitrophenol	100-02-7	ppb-TOC	110000	U	41000	U	40000	U	17000	U	23000	U	21000	U	58000	U	55000	U	53000	U
Acenaphthene	83-32-9	ppb-TOC	61000		36000		23000		6500		2700		2100		3200		5300		7100	
Acenaphthylene	208-96-8	ppb-TOC	18000		16000		14000		4000		6400		4100		3400		3800		4300	
Acetophenone	98-86-2	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
Anthracene	120-12-7	ppb-TOC	140000		68000		56000		16000		13000		12000		9400		15000		17000	
Atrazine	1912-24-9	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
Benzaldehyde	100-52-7	ppb-TOC	56000	U	3600		2800		8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	150000		110000		110000		55000		53000		35000		24000		31000		36000	
Benzo(a)pyrene	50-32-8	ppb-TOC	120000		95000		100000		61000		78000		55000		30000		32000		36000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	88000		88000		89000		65000		74000		55000		24000		38000		43000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	29000		18000		20000		16000		12000		9300		6400		4600		4700	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	98000		86000		97000		75000		92000		64000		28000		28000		34000	
Biphenyl	92-52-4	ppb-TOC	6600		3200		2700		8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	56000	U	21000	U	20000	U	120000		290000		1100000		2600000		2200000		4000000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	56000	U	21000	U	20000	U	5000		1600		2400		30000	U	28000	U	26000	U
Caprolactam	105-60-2	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
Carbazole	86-74-8	ppb-TOC	14000		5700		4100		3200		1700		1200		30000	U	28000	U	26000	U
Chrysene	218-01-9	ppb-TOC	180000		130000		140000		69000		60000		47000		26000		36000		45000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	9300		7300		9700		8900	U	4200		11000	U	30000	U	28000	U	26000	U
Dibenzofuran	132-64-9	ppb-TOC	21000		5900		3900		1500		1400		1200		30000	U	28000	U	26000	U
Diethyl phthalate	84-66-2	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
Dimethylphthalate	131-11-3	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	56000	U	21000	U	20000	U	8900	U	1600		5500		30000	U	28000	U	3000	
Di-n-Octylphthalate	117-84-0	ppb-TOC							9900		12000	U	15000		300000		280000	U	79000	
Fluoranthene	206-44-0	ppb-TOC	340000		230000		190000		89000		85000		93000		53000		69000		85000	
Fluorene	86-73-7	ppb-TOC	64000		33000		18000		3000		2700		1400		1600		5500		5100	
Hexachlorobenzene	118-74-1	ppb-TOC	2700	U	1300	U	1100	U	690	U	780	U	440	U	580	U	510	U	630	U
Hexachlorobutadiene	87-68-3	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC							8900	U	12000	U	11000	U						

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED077		NB02SED077		NB02SED077		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078	
		Sample Name	NB02SED077C-09		NB02SED077C-10		NB02SED077C-11		NB02SED078F-01		NB02SED078H-02		NB02SED078H-03		NB02SED078H-04		NB02SED078H-05		NB02SED078H-06	
		Date Collected	11/15/2007		11/15/2007		11/15/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	27000		18000		19000		15000		13000		9300		6800		4900		5700	
Isophorone	78-59-1	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
Naphthalene	91-20-3	ppb-TOC	250000		61000		44000		3600		3900		3800		3400		5500		7900	
Nitrobenzene	98-95-3	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	17000		21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
Pentachlorophenol	87-86-5	ppb-TOC	5600	U	2700	U	2300	U	1400	U	1600	U	870	U	1200	U	1000	U	1300	U
Phenanthrene	85-01-8	ppb-TOC	270000		150000		120000		32000		18000		13000		9200		20000		26000	
Phenol	108-95-2	ppb-TOC	56000	U	21000	U	20000	U	8900	U	12000	U	11000	U	30000	U	28000	U	26000	U
Pyrene	129-00-0	ppb-TOC	230000		160000		140000		130000		81000		64000		47000		60000		77000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	1300000		930000		890000		570000		570000		440000		240000		300000		360000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	860000		390000		300000		67000		49000		38000		32000		59000		73000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	2100000		1300000		1200000		650000		600000		470000		280000		360000		450000	

		Location ID	NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078	
		Sample Name	NB02SED078H-07		NB02SED078H-08		NB02SED078H-09		NB02SED078H-10		NB02SED078H-11		NB02SED078H-12		NB02SED078H-13		NB02SED078H-14		NB02SED078H-15	
		Date Collected	10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	52000	U	44000	U	65000	U	49000	U	44000	U	76000	U	64000	U	45000	U	48000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
2-Chlorophenol	95-57-8	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	8200		13000		19000		27000		25000		35000		21000		16000		15000	
2-Methylphenol	95-48-7	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
2-Nitroaniline	88-74-4	ppb-TOC	52000	U	44000	U	65000	U	49000	U	44000	U	76000	U	64000	U	45000	U	48000	U
2-Nitrophenol	88-75-5	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
3-Nitroaniline	99-09-2	ppb-TOC	52000	U	44000	U	65000	U	49000	U	44000	U	76000	U	64000	U	45000	U	48000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	52000	U	44000	U	65000	U	49000	U	44000	U	76000	U	64000	U	45000	U	48000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
4-Chloroaniline	106-47-8	ppb-TOC	27000	U	7100		34000	U	6600		22000	U	9900		8300		23000	U	25000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
4-Methylphenol	106-44-5	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
4-Nitroaniline	100-01-6	ppb-TOC	52000	U	44000	U	65000	U	49000	U	44000	U	76000	U	64000	U	45000	U	48000	U
4-Nitrophenol	100-02-7	ppb-TOC	52000	U	44000	U	65000	U	49000	U	44000	U	76000	U	64000	U	45000	U	48000	U
Acenaphthene	83-32-9	ppb-TOC	8800		7900		12000		14000		18000		21000		13000		10000		10000	
Acenaphthylene	208-96-8	ppb-TOC	3700		4800		5200		4400		4600		5800		5500		5200		5700	
Acetophenone	98-86-2	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
Anthracene	120-12-7	ppb-TOC	28000		33000		79000		96000		92000		80000		45000		21000		23000	
Atrazine	1912-24-9	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
Benzaldehyde	100-52-7	ppb-TOC	27000	U	23000	U	34000	U	11000		22000	U	39000	U	34000	U	23000	U	25000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	27000		35000		60000		49000		49000		68000		57000		32000		38000	
Benzo(a)pyrene	50-32-8	ppb-TOC	27000		33000		53000		39000		41000		62000		51000		31000		37000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	30000		37000		62000		38000		52000		62000		43000		29000		44000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	3400		4000		15000		9600		5000		15000		14000		3700		4800	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	28000		37000		45000		44000		46000		58000		58000		34000		39000	
Biphenyl	92-52-4	ppb-TOC	27000	U	23000	U	34000	U	10000		13000		4300		34000	U	23000	U	3900	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	3400000		670000		460000		330000		470000		490000		490000		1500000		820000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	27000	U	2900		34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
Caprolactam	105-60-2	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
Carbazole	86-74-8	ppb-TOC	3000		5200		16000		24000		22000		17000		6200		3900		4600	
Chrysene	218-01-9	ppb-TOC	37000		42000		71000		55000		58000		80000		64000		39000		48000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
Dibenzofuran	132-64-9	ppb-TOC	3400		23000	U	8800		11000		12000		13000		8100		4700		5400	
Diethyl phthalate	84-66-2	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
Dimethylphthalate	131-11-3	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	270000	U	75000		170000		83000		25000		33000		25000		55000		30000	
Fluoranthene	206-44-0	ppb-TOC	73000		77000		140000		130000		130000		160000		130000		76000		96000	
Fluorene	86-73-7	ppb-TOC	8200		13000		26000		31000		33000		29000		19000		13000		12000	
Hexachlorobenzene	118-74-1	ppb-TOC	580	U	210		550		660		980		1200		790		850		1400	
Hexachlorobutadiene	87-68-3	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078	
		Sample Name	NB02SED078H-07		NB02SED078H-08		NB02SED078H-09		NB02SED078H-10		NB02SED078H-11		NB02SED078H-12		NB02SED078H-13		NB02SED078H-14		NB02SED078H-15	
		Date Collected	10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	3700		4000		15000		9600		4900		14000		14000		3200		4300	
Isophorone	78-59-1	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
Naphthalene	91-20-3	ppb-TOC	9800		54000		88000		110000		59000		80000		70000	U	110000		160000	
Nitrobenzene	98-95-3	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
Pentachlorophenol	87-86-5	ppb-TOC	1200	U	1300	U	1700	U	1700	U	1900	U	2000	U	1600	U	1100	U	1300	U
Phenanthrene	85-01-8	ppb-TOC	40000		44000		86000		99000		110000		110000		70000		45000		56000	
Phenol	108-95-2	ppb-TOC	27000	U	23000	U	34000	U	25000	U	22000	U	39000	U	34000	U	23000	U	25000	U
Pyrene	129-00-0	ppb-TOC	64000		71000		150000		130000		99000		170000		130000		66000		82000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	290000		350000		600000		500000		490000		680000		570000		310000		390000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	110000		170000		310000		380000		340000		370000		170000		230000		290000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	400000		500000		930000		880000		830000		1100000		740000		530000		680000	

		Location ID	NB02SED078		NB02SED078		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079	
		Sample Name	NB02SED078H-16		NB02SED078H-17		NB02SED079C-01		NB02SED079C-02		NB02SED079C-03		NB02SED079C-04		NB02SED079C-05		NB02SED079C-06		NB02SED079C-07	
		Date Collected	10/25/2007		10/25/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007	
		Depth	25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	57000	U	35000	U	23000	U	36000	U	30000	U	18000	U	24000	U	15000	U	19000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
2-Chlorophenol	95-57-8	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	30000		31000		1300		2000		2000		3300		5800		5400		10000	
2-Methylphenol	95-48-7	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
2-Nitroaniline	88-74-4	ppb-TOC	57000	U	35000	U	23000	U	36000	U	30000	U	18000	U	24000	U	15000	U	19000	U
2-Nitrophenol	88-75-5	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
3-Nitroaniline	99-09-2	ppb-TOC	57000	U	35000	U	23000	U	36000	U	30000	U	18000	U	24000	U	15000	U	19000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	57000	U	35000	U	23000	U	36000	U	30000	U	18000	U	24000	U	15000	U	19000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
4-Chloroaniline	106-47-8	ppb-TOC	28000	U	18000	U	1600		17000		7200		5400		7200		7900	U	10000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
4-Methylphenol	106-44-5	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	1400		7900	U	10000	U
4-Nitroaniline	100-01-6	ppb-TOC	57000	U	35000	U	23000	U	36000	U	30000	U	18000	U	24000	U	15000	U	19000	U
4-Nitrophenol	100-02-7	ppb-TOC	57000	U	35000	U	23000	U	36000	U	30000	U	18000	U	24000	U	15000	U	19000	U
Acenaphthene	83-32-9	ppb-TOC	22000		36000		930		670		5200		4400		8500		7900		16000	
Acenaphthylene	208-96-8	ppb-TOC	6300		7400		4600		2800		3000		2300		3000		9000		11000	
Acetophenone	98-86-2	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
Anthracene	120-12-7	ppb-TOC	44000		42000		4300		8400		22000		29000		30000		22000		36000	
Atrazine	1912-24-9	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
Benzaldehyde	100-52-7	ppb-TOC	28000	U	18000	U	12000	U	19000	U	2700		9200	U	12000	U	7900	U	10000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	65000		72000		19000		24000		30000		21000		33000		47000		65000	
Benzo(a)pyrene	50-32-8	ppb-TOC	60000		67000		32000		39000		27000		19000		31000		49000		63000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	72000		89000		33000		34000		30000		20000		29000		39000		68000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	7200		12000		9300		11000		8600		6100		10000		17000		21000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	58000		67000		27000		42000		30000		21000		39000		54000		58000	
Biphenyl	92-52-4	ppb-TOC	28000	U	1900		12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	940000		100000		150000		3100000		960000		170000		550000		62000		34000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	28000	U	18000	U	3100		3100		1600		2500		12000	U	7900	U	10000	U
Caprolactam	105-60-2	ppb-TOC	28000	U	18000	U	4000		19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
Carbazole	86-74-8	ppb-TOC	7200		6400		12000	U	19000	U	15000	U	9200	U	3300		3200		6800	
Chrysene	218-01-9	ppb-TOC	77000		81000		23000		31000		35000		25000		43000		56000		79000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
Dibenzofuran	132-64-9	ppb-TOC	11000		14000		12000	U	19000	U	15000	U	9200	U	3100		3600		5800	
Diethyl phthalate	84-66-2	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
Dimethylphthalate	131-11-3	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	28000	U	18000	U	12000	U	3600		15000	U	9200	U	12000	U	7900	U	10000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	72000	U	36000	U	12000	U	280000	U	37000		25000		19000		79000	U	15000	U
Fluoranthene	206-44-0	ppb-TOC	150000		150000		23000		56000		77000		58000		93000		100000		150000	
Fluorene	86-73-7	ppb-TOC	27000		25000		760		900		2200		5400		10000		9000		15000	
Hexachlorobenzene	118-74-1	ppb-TOC	430		510		230	U	450	U	440	U	160		180		150		800	U
Hexachlorobutadiene	87-68-3	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC					12000	U	280000	U										

		Location ID	NB02SED078		NB02SED078		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079	
		Sample Name	NB02SED078H-16		NB02SED078H-17		NB02SED079C-01		NB02SED079C-02		NB02SED079C-03		NB02SED079C-04		NB02SED079C-05		NB02SED079C-06		NB02SED079C-07	
		Date Collected	10/25/2007		10/25/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007	
		Depth	25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	7400		9600		8900		11000		7400		5400		9300		15000		16000	
Isophorone	78-59-1	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
Naphthalene	91-20-3	ppb-TOC	410000		350000		2200		3100		4200		5800		19000		56000		42000	
Nitrobenzene	98-95-3	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
Pentachlorophenol	87-86-5	ppb-TOC	1900	U	1800	U	460	U	920	U	910	U	520	U	45000	U	900	U	1600	U
Phenanthrene	85-01-8	ppb-TOC	94000		85000		7300		8400		7200		20000		29000		37000		60000	
Phenol	108-95-2	ppb-TOC	28000	U	18000	U	12000	U	19000	U	15000	U	9200	U	12000	U	7900	U	10000	U
Pyrene	129-00-0	ppb-TOC	120000		130000		36000		56000		62000		44000		82000		110000		140000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	630000		680000		210000		310000		300000		230000		370000		490000		650000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	630000		570000		22000		26000		47000		71000		110000		150000		190000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1300000		1300000		240000		340000		350000		290000		470000		640000		850000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED080		NB02SED080		NB02SED080	
		Sample Name	NB02SED079C-08		NB02SED079C-09		NB02SED079C-10		NB02SED079C-11		NB02SED079C-12		NB02SED079C-13		NB02SED080C-01		NB02SED080C-02		NB02SED080C-03	
		Date Collected	10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		11/27/2007		11/27/2007		11/27/2007	
		Depth	9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	20000	U	22000	U	23000	U	14000	U	33000	U	170000	U	28000	U	27000	U	28000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
2-Chlorophenol	95-57-8	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	13000		6300		6000		3600		1400		840		2100		2500		2400	
2-Methylphenol	95-48-7	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
2-Nitroaniline	88-74-4	ppb-TOC	20000	U	22000	U	23000	U	14000	U	33000	U	170000	U	28000	U	27000	U	28000	U
2-Nitrophenol	88-75-5	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
3-Nitroaniline	99-09-2	ppb-TOC	20000	U	22000	U	23000	U	14000	U	33000	U	170000	U	28000	U	27000	U	28000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	20000	U	22000	U	23000	U	14000	U	33000	U	170000	U	28000	U	27000	U	28000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
4-Chloroaniline	106-47-8	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	2000		3100	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
4-Methylphenol	106-44-5	ppb-TOC	10000	U	2600		2300		1400		17000	U	88000	U	14000	U	14000	U	14000	U
4-Nitroaniline	100-01-6	ppb-TOC	20000	U	22000	U	23000	U	14000	U	33000	U	170000	U	28000	U	27000	U	28000	U
4-Nitrophenol	100-02-7	ppb-TOC	20000	U	22000	U	23000	U	14000	U	33000	U	170000	U	28000	U	27000	U	28000	U
Acenaphthene	83-32-9	ppb-TOC	18000		8500		9800		5300		870		1700	U	4600		2800		2000	
Acenaphthylene	208-96-8	ppb-TOC	11000		7200		4400		3400		4700		750		10000		9500		7400	
Acetophenone	98-86-2	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
Anthracene	120-12-7	ppb-TOC	35000		19000		27000		18000		5400		840		21000		14000		13000	
Atrazine	1912-24-9	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
Benzaldehyde	100-52-7	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	67000		39000		48000		34000		28000		3500		73000		59000		45000	
Benzo(a)pyrene	50-32-8	ppb-TOC	63000		37000		46000		36000		47000		10000		92000		83000		70000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	66000		46000		58000		32000		29000		4900		88000		87000		74000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	20000		7000		7700		11000		8000		3200		19000		16000		14000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	63000		39000		48000		38000		41000		4400		96000		75000		58000	
Biphenyl	92-52-4	ppb-TOC	1300		11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	13000		11000	U	12000	U	7400	U	17000	U	88000	U	100000		110000		990000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	1900		14000	U
Caprolactam	105-60-2	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
Carbazole	86-74-8	ppb-TOC	6400		3000		5200		3600		17000	U	88000	U	2000		1500		1400	
Chrysene	218-01-9	ppb-TOC	73000		46000		54000		40000		33000		4000		88000		67000		58000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	1000		8000		7100		5300	
Dibenzofuran	132-64-9	ppb-TOC	7500		11000	U	4400		2600		17000	U	88000	U	2200		1900		1700	
Diethyl phthalate	84-66-2	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
Dimethylphthalate	131-11-3	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	1800		14000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	15000	U	11000	U	12000	U	9100	U	17000	U	88000	U	14000	U	14000	U	14000	U
Fluoranthene	206-44-0	ppb-TOC	150000		72000		98000		74000		43000		2700		110000		75000		70000	
Fluorene	86-73-7	ppb-TOC	18000		10000		13000		7400		440		1700	U	2900		2200		1800	
Hexachlorobenzene	118-74-1	ppb-TOC	790	U	440	U	560	U	360	U	480	U	1700	U	84		390	U	370	U
Hexachlorobutadiene	87-68-3	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC									17000	U	88000	U						

		Location ID	NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED080		NB02SED080		NB02SED080	
		Sample Name	NB02SED079C-08		NB02SED079C-09		NB02SED079C-10		NB02SED079C-11		NB02SED079C-12		NB02SED079C-13		NB02SED080C-01		NB02SED080C-02		NB02SED080C-03	
		Date Collected	10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		11/27/2007		11/27/2007		11/27/2007	
		Depth	9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	17000		6100		7100		9800		8000		3200		23000		19000		16000	
Isophorone	78-59-1	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
Naphthalene	91-20-3	ppb-TOC	64000	U	19000		21000		11000		2200		1700	U	7700		5900		7000	
Nitrobenzene	98-95-3	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
Pentachlorophenol	87-86-5	ppb-TOC	1700	U	890	U	1200	U	720	U	33000	U	170000	U	800	U	790	U	780	U
Phenanthrene	85-01-8	ppb-TOC	63000		35000		52000		32000		4900		1500		26000		21000		15000	
Phenol	108-95-2	ppb-TOC	10000	U	11000	U	12000	U	7400	U	17000	U	88000	U	14000	U	14000	U	14000	U
Pyrene	129-00-0	ppb-TOC	140000		69000		83000		64000		72000		5300		100000		87000		86000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	660000		370000		460000		340000		310000		42000		690000		590000		490000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	150000		100000		130000		81000		20000		4000		77000		55000		49000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	810000		460000		580000		430000		330000		49000		770000		630000		530000	

		Location ID	NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED082		NB02SED082		NB02SED082	
		Sample Name	NB02SED080C-04		NB02SED080C-05		NB02SED080C-06		NB02SED080C-07		NB02SED080C-08		NB02SED080C-09		NB02SED082B-01		NB02SED082B-02		NB02SED082B-03	
		Date Collected	11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/19/2007		11/19/2007		11/19/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U			15000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	42000	U	32000	U	34000	U	38000	U	27000	U	30000	U	14000	U	17000	U	28000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
2-Chlorophenol	95-57-8	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	2800		16000	U	2800		7000		7200		16000	U	13000		13000		11000	
2-Methylphenol	95-48-7	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
2-Nitroaniline	88-74-4	ppb-TOC	42000	U	32000	U	34000	U	38000	U	27000	U	30000	U	14000	U	17000	U	28000	U
2-Nitrophenol	88-75-5	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
3-Nitroaniline	99-09-2	ppb-TOC	42000	U	32000	U	34000	U	38000	U	27000	U	30000	U	14000	U	17000	U	28000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	42000	U	32000	U	34000	U	38000	U	27000	U	30000	U	14000	U	17000	U	28000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
4-Chloroaniline	106-47-8	ppb-TOC	11000		11000		7000		6400		5700		16000	U	2200		5300		13000	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
4-Methylphenol	106-44-5	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	1900		1900		15000	U
4-Nitroaniline	100-01-6	ppb-TOC	42000	U	32000	U	34000	U	38000	U	27000	U	30000	U	14000	U	17000	U	28000	U
4-Nitrophenol	100-02-7	ppb-TOC	42000	U	32000	U	34000	U	38000	U	27000	U	30000	U	14000	U	17000	U	28000	U
Acenaphthene	83-32-9	ppb-TOC	2500		5100		4700		9600		11000		6000		40000		32000		26000	
Acenaphthylene	208-96-8	ppb-TOC	8900		3300		2500		5300		4700		2400		11000		5600		6700	
Acetophenone	98-86-2	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	1200		8800	U	15000	U
Anthracene	120-12-7	ppb-TOC	14000		13000		13000		28000		42000		17000		74000		56000		49000	
Atrazine	1912-24-9	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
Benzaldehyde	100-52-7	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	50000		29000		30000		53000		62000		28000		220000		130000		110000	
Benzo(a)pyrene	50-32-8	ppb-TOC	69000		32000		30000		58000		62000		27000		220000		120000		100000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	55000		27000		30000		64000		82000		22000		220000		140000		140000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	13000		6000		6400		9900		9700		9900		48000		32000		26000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	72000		34000		28000		61000		62000		22000		280000		130000		94000	
Biphenyl	92-52-4	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	4800		3800		3500	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	2100000		1700000		1500000		1900000		230000		140000		130000		430000		980000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7900		7100		5900	
Caprolactam	105-60-2	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
Carbazole	86-74-8	ppb-TOC	22000	U	16000	U	17000	U	2400		3500		16000	U	52000		34000		26000	
Chrysene	218-01-9	ppb-TOC	61000		34000		36000		70000		74000		33000		260000		140000		110000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	5000		2400		2800		4400		3700		3700		19000		13000		7500	
Dibenzofuran	132-64-9	ppb-TOC	2200		16000	U	17000	U	3500		4500		1900		28000		21000		16000	
Diethyl phthalate	84-66-2	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
Dimethylphthalate	131-11-3	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	5600		15000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	22000	U	5400		28000		13000		94000		1800		7200	U	8800	U	15000	U
Fluoranthene	206-44-0	ppb-TOC	100000		63000		61000		120000		150000		62000		600000		360000		310000	
Fluorene	86-73-7	ppb-TOC	2400		2600		2500		8800		13000		5800		28000		28000		19000	
Hexachlorobenzene	118-74-1	ppb-TOC	530	U	280	U	280	U	640	U	500	U	300	U	3400	U	2100		1700	U
Hexachlorobutadiene	87-68-3	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC											16000	U						

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED082		NB02SED082		NB02SED082	
		Sample Name	NB02SED080C-04		NB02SED080C-05		NB02SED080C-06		NB02SED080C-07		NB02SED080C-08		NB02SED080C-09		NB02SED082B-01		NB02SED082B-02		NB02SED082B-03	
		Date Collected	11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/19/2007		11/19/2007		11/19/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	15000		6700		7200		11000		11000		9300		53000		34000		28000	
Isophorone	78-59-1	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
Naphthalene	91-20-3	ppb-TOC	7200		4700		5900		14000		35000		9300		33000		24000		20000	
Nitrobenzene	98-95-3	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7200	U	8800	U	15000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	22000	U	16000	U	17000	U	5300		7200		16000	U	7200	U	1800		5100	
Pentachlorophenol	87-86-5	ppb-TOC	1100	U	560	U	570	U	38000	U	990	U	600	U	7100	U	4300	U	3500	U
Phenanthrene	85-01-8	ppb-TOC	17000		17000		19000		41000		52000		24000		450000		260000		190000	
Phenol	108-95-2	ppb-TOC	22000	U	16000	U	17000	U	20000	U	15000	U	16000	U	7100		2800		15000	U
Pyrene	129-00-0	ppb-TOC	86000		48000		49000		88000		89000		45000		430000		260000		200000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	530000		290000		280000		530000		600000		260000		2400000		1400000		1100000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	55000		46000		51000		110000		170000		62000		650000		410000		310000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	580000		320000		340000		640000		770000		330000		2900000		1800000		1400000	

		Location ID	NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED088		NB02SED088		NB02SED088		NB02SED088	
		Sample Name	NB02SED082B-04		NB02SED082B-05		NB02SED082B-06		NB02SED082B-07		NB02SED082B-08		NB02SED088G-01		NB02SED088G-02		NB02SED088G-03		NB02SED088G-04	
		Date Collected	11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/13/2007		11/13/2007		11/13/2007		11/13/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-12.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U			8200	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	30000	U	27000	U	33000	U	27000	U	36000	U	15000	U	21000	U	21000	U	16000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
2-Chloronaphthalene	91-58-7	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
2-Chlorophenol	95-57-8	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
2-Methylnaphthalene	91-57-6	ppb-TOC	5800		15000		29000		41000		21000		4900		8600		17000		15000	
2-Methylphenol	95-48-7	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
2-Nitroaniline	88-74-4	ppb-TOC	30000	U	27000	U	33000	U	27000	U	36000	U	15000	U	21000	U	21000	U	16000	U
2-Nitrophenol	88-75-5	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
3-Nitroaniline	99-09-2	ppb-TOC	30000	U	27000	U	33000	U	27000	U	36000	U	15000	U	21000	U	21000	U	16000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	30000	U	27000	U	33000	U	27000	U	36000	U	15000	U	21000	U	21000	U	16000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
4-Chloroaniline	106-47-8	ppb-TOC	21000		12000		12000		14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
4-Methylphenol	106-44-5	ppb-TOC	16000	U	14000	U	17000	U	2300		18000	U	8100	U	11000	U	11000	U	870	
4-Nitroaniline	100-01-6	ppb-TOC	30000	U	27000	U	33000	U	27000	U	36000	U	15000	U	21000	U	21000	U	16000	U
4-Nitrophenol	100-02-7	ppb-TOC	30000	U	27000	U	33000	U	27000	U	36000	U	15000	U	21000	U	21000	U	16000	U
Acenaphthene	83-32-9	ppb-TOC	13000		34000		27000		72000		30000		8800		75000		250000		59000	
Acenaphthylene	208-96-8	ppb-TOC	5100		8000		10000		12000		6900		8100		24000		25000		13000	
Acetophenone	98-86-2	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
Anthracene	120-12-7	ppb-TOC	21000		46000		54000		95000		53000		30000		160000		390000		210000	
Atrazine	1912-24-9	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
Benzaldehyde	100-52-7	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	1400		3700		11000	U	1700	
Benzo(a)anthracene	56-55-3	ppb-TOC	56000		120000		89000		140000		79000		60000		160000		400000		280000	
Benzo(a)pyrene	50-32-8	ppb-TOC	49000		110000		78000		110000		63000		56000		130000		330000		230000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	60000		150000		110000		130000		72000		49000		130000		260000		170000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	14000		30000		21000		27000		17000		15000		25000		57000		40000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	51000		110000		71000		120000		66000		49000		92000		240000		190000	
Biphenyl	92-52-4	ppb-TOC	16000	U	4300		3600		6600		2800		1600		4100		4900		4000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	1200000		1400000		630000		230000		97000		9500	U	11000	U	11000	U	8200	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	6400		92000		17000	U	14000	U	18000	U	1300		11000	U	11000	U	1100	
Caprolactam	105-60-2	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
Carbazole	86-74-8	ppb-TOC	10000		27000		17000		41000		19000		1700		3800		12000		4900	
Chrysene	218-01-9	ppb-TOC	64000		130000		98000		150000		89000		56000		190000		400000		280000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	4900		9200		6300		8400		8300		6300		10000		21000		17000	
Dibenzofuran	132-64-9	ppb-TOC	5300		18000		12000		39000		14000		1700		6500		13000		7300	
Diethyl phthalate	84-66-2	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
Dimethylphthalate	131-11-3	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	16000	U	39000		17000	U	14000	U					43000	U	77000	U	52000	U
Fluoranthene	206-44-0	ppb-TOC	150000		300000		210000		350000		240000		70000		370000		810000		510000	
Fluorene	86-73-7	ppb-TOC	9400		27000		27000		62000		32000		1900		4600		12000		16000	
Hexachlorobenzene	118-74-1	ppb-TOC	730	U	1600	U	400		700		570		630	U	1000	U	3800	U	2600	U
Hexachlorobutadiene	87-68-3	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED088		NB02SED088		NB02SED088		NB02SED088	
		Sample Name	NB02SED082B-04		NB02SED082B-05		NB02SED082B-06		NB02SED082B-07		NB02SED082B-08		NB02SED088G-01		NB02SED088G-02		NB02SED088G-03		NB02SED088G-04	
		Date Collected	11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/13/2007		11/13/2007		11/13/2007		11/13/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-12.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	13000		30000		22000		29000		16000		14000		25000		55000		40000	
Isophorone	78-59-1	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
Naphthalene	91-20-3	ppb-TOC	7700		30000		31000		84000		54000		7700		17000		21000		38000	
Nitrobenzene	98-95-3	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	6600		13000		25000		23000		29000		8100	U	11000	U	11000	U	8200	U
Pentachlorophenol	87-86-5	ppb-TOC	1500	U	3400	U	2500	U	3500	U	16000	U	1300	U	2100	U	7600	U	5200	U
Phenanthrene	85-01-8	ppb-TOC	72000		250000		170000		390000		180000		24000		110000		460000		110000	
Phenol	108-95-2	ppb-TOC	16000	U	14000	U	17000	U	14000	U	18000	U	8100	U	11000	U	11000	U	8200	U
Pyrene	129-00-0	ppb-TOC	110000		270000		180000		290000		130000		100000		300000		750000		400000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	580000		1300000		890000		1400000		790000		490000		1400000		3300000		2100000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	130000		410000		330000		760000		380000		84000		400000		1200000		450000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	720000		1700000		1200000		2100000		1200000		560000		1700000		4500000		2600000	

		Location ID	NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089	
		Sample Name	NB02SED089C-01		NB02SED089C-02		NB02SED089C-03		NB02SED089C-04		NB02SED089C-05		NB02SED089C-06		NB02SED089C-07		NB02SED089C-08		NB02SED089C-09	
		Date Collected	11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	10000	U	23000	U	26000	U	25000	U	3000		30000	U	28000	U	22000	U	27000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	20000	U	46000	U	51000	U	48000	U	41000	U	58000	U	54000	U	43000	U	52000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
2-Chlorophenol	95-57-8	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	1800		5500		18000		31000		39000		50000		29000		39000		66000	
2-Methylphenol	95-48-7	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
2-Nitroaniline	88-74-4	ppb-TOC	20000	U	46000	U	51000	U	48000	U	41000	U	58000	U	54000	U	43000	U	52000	U
2-Nitrophenol	88-75-5	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
3-Nitroaniline	99-09-2	ppb-TOC	20000	U	46000	U	51000	U	48000	U	41000	U	58000	U	54000	U	43000	U	52000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	20000	U	46000	U	51000	U	48000	U	41000	U	58000	U	54000	U	43000	U	52000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
4-Chloroaniline	106-47-8	ppb-TOC	10000	U	23000	U	5300		25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
4-Methylphenol	106-44-5	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	3300	
4-Nitroaniline	100-01-6	ppb-TOC	20000	U	46000	U	51000	U	48000	U	41000	U	58000	U	54000	U	43000	U	52000	U
4-Nitrophenol	100-02-7	ppb-TOC	20000	U	46000	U	51000	U	48000	U	41000	U	58000	U	54000	U	43000	U	52000	U
Acenaphthene	83-32-9	ppb-TOC	1500		5000		8200		12000		18000		19000		11000		8100		20000	
Acenaphthylene	208-96-8	ppb-TOC	1900		2500		2200		2800		4800		4500		2600		4600		27000	U
Acetophenone	98-86-2	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
Anthracene	120-12-7	ppb-TOC	11000		18000		29000		45000		84000		80000		45000		52000		74000	
Atrazine	1912-24-9	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
Benzaldehyde	100-52-7	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	23000		29000		27000		36000		42000		40000		35000		36000		42000	
Benzo(a)pyrene	50-32-8	ppb-TOC	25000		27000		24000		26000		32000		31000		28000		26000		29000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	36000		29000		27000		37000		30000		31000		29000		26000		30000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	8200		12000		5900		7600		9200		10000		7600		6800		9000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	24000		31000		26000		23000		36000		35000		28000		25000		30000	
Biphenyl	92-52-4	ppb-TOC	10000	U	23000	U	26000	U	25000	U	5100		9500		28000	U	17000		22000	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	140000		880000		590000		590000		430000		390000		380000		250000		380000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	2800		23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
Caprolactam	105-60-2	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
Carbazole	86-74-8	ppb-TOC	2000		2900		4900		9300		16000		14000		28000	U	22000	U	10000	
Chrysene	218-01-9	ppb-TOC	33000		38000		40000		46000		55000		53000		43000		45000		55000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	2200		2300		2000		2500		5900		3000		3100		4800		27000	U
Dibenzofuran	132-64-9	ppb-TOC	1500		3300		6000		8700		11000		12000		28000	U	9200		14000	
Diethyl phthalate	84-66-2	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
Dimethylphthalate	131-11-3	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC			5700		15000		26000		15000		9200		24000		22000	U		
Fluoranthene	206-44-0	ppb-TOC	46000		73000		90000		110000		140000		140000		100000		98000		130000	
Fluorene	86-73-7	ppb-TOC	3600		6100		14000		22000		37000		35000		21000		26000		33000	
Hexachlorobenzene	118-74-1	ppb-TOC	260	U	250		220		680		1400		860		430		1200		2100	
Hexachlorobutadiene	87-68-3	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089	
		Sample Name	NB02SED089C-01		NB02SED089C-02		NB02SED089C-03		NB02SED089C-04		NB02SED089C-05		NB02SED089C-06		NB02SED089C-07		NB02SED089C-08		NB02SED089C-09	
		Date Collected	11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	7700		9600		7900		7700		8600		8300		6000		5000		6900	
Isophorone	78-59-1	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
Naphthalene	91-20-3	ppb-TOC	3100		5900		7700		12000		20000		22000		14000		13000		22000	
Nitrobenzene	98-95-3	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	10000	U	13000		26000		32000		36000		41000		48000		58000		73000	
Pentachlorophenol	87-86-5	ppb-TOC	510	U	1200	U	1200	U	1500	U	1900	U	58000	U	760	U	1800	U	2100	U
Phenanthrene	85-01-8	ppb-TOC	17000		27000		46000		70000		120000		110000		76000		170000		140000	
Phenol	108-95-2	ppb-TOC	10000	U	23000	U	26000	U	25000	U	21000	U	30000	U	28000	U	22000	U	27000	U
Pyrene	129-00-0	ppb-TOC	43000		44000		71000		83000		110000		81000		62000		68000		82000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	250000		290000		330000		390000		470000		440000		350000		340000		420000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	41000		71000		120000		200000		320000		320000		210000		310000		360000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	280000		360000		440000		570000		780000		760000		540000		650000		770000	

		Location ID	NB02SED089		NB02SED089		NB02SED089		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090	
		Sample Name	NB02SED089C-10		NB02SED089C-11		NB02SED089C-12		NB02SED090E-01		NB02SED090E-02		NB02SED090E-03		NB02SED090E-04		NB02SED090E-05		NB02SED090E-06	
		Date Collected	11/9/2007		11/9/2007		11/9/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007	
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	25000	U	26000	U	28000	U	33000	U	31000	U	25000	U	22000	U	26000	U	22000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
2-Chlorophenol	95-57-8	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	30000		61000		49000		2800		3700		3100		3500		7500		26000	
2-Methylphenol	95-48-7	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
2-Nitroaniline	88-74-4	ppb-TOC	25000	U	26000	U	28000	U	33000	U	31000	U	25000	U	22000	U	26000	U	22000	U
2-Nitrophenol	88-75-5	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
3-Nitroaniline	99-09-2	ppb-TOC	25000	U	26000	U	28000	U	33000	U	31000	U	25000	U	22000	U	26000	U	22000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	25000	U	26000	U	28000	U	33000	U	31000	U	25000	U	22000	U	26000	U	22000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
4-Chloroaniline	106-47-8	ppb-TOC	13000	U	13000	U	14000	U	1700		2300		9200		6700		6700		7100	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
4-Methylphenol	106-44-5	ppb-TOC	13000	U	3500		4600		17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
4-Nitroaniline	100-01-6	ppb-TOC	25000	U	26000	U	28000	U	33000	U	31000	U	25000	U	22000	U	26000	U	22000	U
4-Nitrophenol	100-02-7	ppb-TOC	25000	U	26000	U	28000	U	33000	U	31000	U	25000	U	22000	U	26000	U	22000	U
Acenaphthene	83-32-9	ppb-TOC	9300		46000		41000		1600		1900		1800		4200		6300		18000	
Acenaphthylene	208-96-8	ppb-TOC	3000		14000		11000		2300		3200		3700		4700		4900		3800	
Acetophenone	98-86-2	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
Anthracene	120-12-7	ppb-TOC	71000		110000		140000		13000		11000		22000		49000		67000		190000	
Atrazine	1912-24-9	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
Benzaldehyde	100-52-7	ppb-TOC	13000	U	13000	U	14000	U	3300		1800	U	13000	U	12000	U	14000	U	11000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	60000		160000		180000		26000		30000		37000		24000		26000		46000	
Benzo(a)pyrene	50-32-8	ppb-TOC	40000		120000		130000		35000		49000		48000		27000		26000		40000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	40000		100000		120000		35000		43000		40000		31000		28000		46000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	11000		24000		26000		11000		13000		12000		6900		6300		10000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	33000		96000		110000		30000		50000		51000		27000		26000		42000	
Biphenyl	92-52-4	ppb-TOC	7900		5200		5400		17000	U	16000	U	13000	U	12000	U	1900		1700	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	140000		46000		14000	U	240000		240000		590000		690000		370000		240000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
Caprolactam	105-60-2	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
Carbazole	86-74-8	ppb-TOC	8200		6400		7000		2100		2000		2400		2200		14000		57000	
Chrysene	218-01-9	ppb-TOC	76000		180000		200000		33000		39000		44000		31000		35000		57000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	6900		10000		10000		3500		3800		3700		1600		1800		3200	
Dibenzofuran	132-64-9	ppb-TOC	13000	U	8700		10000		17000	U	1700		1300		1800		4300		15000	
Diethyl phthalate	84-66-2	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
Dimethylphthalate	131-11-3	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	13000	U	13000	U	14000	U	3500		5500		6600		4200		14000	U	3600	
Di-n-Octylphthalate	117-84-0	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	2700		2700		8100		13000	
Fluoranthene	206-44-0	ppb-TOC	84000		290000		340000		48000		47000		77000		64000		79000		140000	
Fluorene	86-73-7	ppb-TOC	20000		55000		50000		2100		2300		440		8900		15000		46000	
Hexachlorobenzene	118-74-1	ppb-TOC	1300		1600	U	1800	U	330	U	390	U	370	U	55		160		320	
Hexachlorobutadiene	87-68-3	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED089		NB02SED089		NB02SED089		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090	
		Sample Name	NB02SED089C-10		NB02SED089C-11		NB02SED089C-12		NB02SED090E-01		NB02SED090E-02		NB02SED090E-03		NB02SED090E-04		NB02SED090E-05		NB02SED090E-06	
		Date Collected	11/9/2007		11/9/2007		11/9/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007	
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	8400		22000		24000		11000		13000		12000		6700		5900		9300	
Isophorone	78-59-1	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
Naphthalene	91-20-3	ppb-TOC	17000		29000		31000		3400		4400		2800		3800		5300		14000	
Nitrobenzene	98-95-3	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	57000		16000		14000		17000	U	16000	U	13000	U	12000	U	14000	U	12000	
Pentachlorophenol	87-86-5	ppb-TOC	2000	U	3300	U	3600	U	650	U	800	U	770	U	510	U	530	U	870	U
Phenanthrene	85-01-8	ppb-TOC	98000		260000		280000		15000		19000		16000		24000		47000		150000	
Phenol	108-95-2	ppb-TOC	13000	U	13000	U	14000	U	17000	U	16000	U	13000	U	12000	U	14000	U	11000	U
Pyrene	129-00-0	ppb-TOC	110000		310000		230000		49000		60000		55000		42000		53000		110000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	470000		1300000		1400000		280000		350000		370000		270000		300000		510000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	250000		570000		600000		41000		45000		51000		98000		150000		440000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	720000		1800000		2000000		320000		390000		440000		350000		430000		950000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090	
		Sample Name	NB02SED090E-07		NB02SED090E-08		NB02SED090E-09		NB02SED090E-10		NB02SED090E-11		NB02SED090E-12		NB02SED090E-13		NB02SED090E-14		NB02SED090E-15	
		Date Collected	11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	21000	U	19000	U	18000	U	20000	U	38000	U	21000	U	33000	U	42000	U	56000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
2-Chlorophenol	95-57-8	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	16000		1100		200		200	U	380	U	46		330	U	420	U	560	U
2-Methylphenol	95-48-7	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
2-Nitroaniline	88-74-4	ppb-TOC	21000	U	19000	U	18000	U	20000	U	38000	U	21000	U	33000	U	42000	U	56000	U
2-Nitrophenol	88-75-5	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
3-Nitroaniline	99-09-2	ppb-TOC	21000	U	19000	U	18000	U	20000	U	38000	U	21000	U	33000	U	42000	U	56000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	21000	U	19000	U	18000	U	20000	U	38000	U	21000	U	33000	U	42000	U	56000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
4-Chloroaniline	106-47-8	ppb-TOC	6700		10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
4-Methylphenol	106-44-5	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
4-Nitroaniline	100-01-6	ppb-TOC	21000	U	19000	U	18000	U	20000	U	38000	U	21000	U	33000	U	42000	U	56000	U
4-Nitrophenol	100-02-7	ppb-TOC	21000	U	19000	U	18000	U	20000	U	38000	U	21000	U	33000	U	42000	U	56000	U
Acenaphthene	83-32-9	ppb-TOC	13000		680		63		200	U	380	U	210	U	330	U	420	U	560	U
Acenaphthylene	208-96-8	ppb-TOC	3300		390		63		200	U	380	U	210	U	330	U	420	U	560	U
Acetophenone	98-86-2	ppb-TOC	11000	U	10000	U	9500	U	11000	U	2000		11000	U	17000	U	22000	U	29000	U
Anthracene	120-12-7	ppb-TOC	90000		5900		670		200	U	380	U	210	U	330	U	420	U	560	U
Atrazine	1912-24-9	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
Benzaldehyde	100-52-7	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	38000		4700		360		200	U	380	U	210	U	330	U	420	U	560	U
Benzo(a)pyrene	50-32-8	ppb-TOC	35000		4200		670	U	240	U	460	U	280	U	390	U	510	U	710	U
Benzo(b)fluoranthene	205-99-2	ppb-TOC	42000		3800		380		200	U	380	U	110		330	U	420	U	560	U
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	10000		3100		140		200	U	380	U	67		330	U	420	U	560	U
Benzo(k)fluoranthene	207-08-9	ppb-TOC	35000		1700		300		200	U	380	U	89		330	U	420	U	560	U
Biphenyl	92-52-4	ppb-TOC	2200		10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	350000		36000		9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
Caprolactam	105-60-2	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
Carbazole	86-74-8	ppb-TOC	24000		1500		9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
Chrysene	218-01-9	ppb-TOC	52000		5900		400		200	U	380	U	35		330	U	420	U	560	U
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	3800		640		180	U	200	U	380	U	210	U	330	U	420	U	560	U
Dibenzofuran	132-64-9	ppb-TOC	8000		10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
Diethyl phthalate	84-66-2	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
Dimethylphthalate	131-11-3	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	4800		10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
Fluoranthene	206-44-0	ppb-TOC	120000		11000		1600		42		110		58		70		100		130	
Fluorene	86-73-7	ppb-TOC	26000		1300		170		200	U	380	U	210	U	330	U	420	U	560	U
Hexachlorobenzene	118-74-1	ppb-TOC	160		190	U	180	U	200	U	380	U	210	U	330	U	420	U	560	U
Hexachlorobutadiene	87-68-3	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090	
		Sample Name	NB02SED090E-07		NB02SED090E-08		NB02SED090E-09		NB02SED090E-10		NB02SED090E-11		NB02SED090E-12		NB02SED090E-13		NB02SED090E-14		NB02SED090E-15	
		Date Collected	11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	9500		1800		130		200	U	20000	U	48		17000	U	22000	U	29000	U
Isophorone	78-59-1	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
Naphthalene	91-20-3	ppb-TOC	12000		680		590	U	200	U	380	U	210	U	330	U	420	U	560	U
Nitrobenzene	98-95-3	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
Pentachlorophenol	87-86-5	ppb-TOC	660	U	390	U	370	U	410	U	750	U	400	U	700	U	800	U	1100	U
Phenanthrene	85-01-8	ppb-TOC	87000		5500		670		63		90		50		330	U	100		560	U
Phenol	108-95-2	ppb-TOC	11000	U	10000	U	9500	U	11000	U	20000	U	11000	U	17000	U	22000	U	29000	U
Pyrene	129-00-0	ppb-TOC	99000		12000		1600		200	U	380	U	210	U	330	U	420	U	560	U
Total HMW PAHs-SVOC	No CAS	ppb-TOC	450000		51000		4700		42		110		230		70		100		130	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	240000		16000		1900		63		90		72		330	U	100		560	U
TOTAL PAHs - SVOC	No CAS	ppb-TOC	690000		64000		6700		110		200		310		70		210		130	

		Location ID	NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091	
		Sample Name	NB02SED091C-01		NB02SED091C-02		NB02SED091C-03		NB02SED091C-04		NB02SED091C-05		NB02SED091C-06		NB02SED091C-07		NB02SED091C-08		NB02SED091C-09	
		Date Collected	11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	27000	U	29000	U	31000	U	50000	U	31000	U	26000	U	30000	U	32000	U	43000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
2-Chlorophenol	95-57-8	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	2300		2900		2800		2200		5000		6600		5900		14000		17000	
2-Methylphenol	95-48-7	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
2-Nitroaniline	88-74-4	ppb-TOC	27000	U	29000	U	31000	U	50000	U	31000	U	26000	U	30000	U	32000	U	43000	U
2-Nitrophenol	88-75-5	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
3-Nitroaniline	99-09-2	ppb-TOC	27000	U	29000	U	31000	U	50000	U	31000	U	26000	U	30000	U	32000	U	43000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	27000	U	29000	U	31000	U	50000	U	31000	U	26000	U	30000	U	32000	U	43000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
4-Chloroaniline	106-47-8	ppb-TOC	2400		4700		18000		16000		16000	U	14000	U	15000	U	17000	U	22000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
4-Methylphenol	106-44-5	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	2600		17000	U	5600	
4-Nitroaniline	100-01-6	ppb-TOC	27000	U	29000	U	31000	U	50000	U	31000	U	26000	U	30000	U	32000	U	43000	U
4-Nitrophenol	100-02-7	ppb-TOC	27000	U	29000	U	31000	U	50000	U	31000	U	26000	U	30000	U	32000	U	43000	U
Acenaphthene	83-32-9	ppb-TOC	1200		1200		1500		2800		10000		7600		9100		9500		14000	
Acenaphthylene	208-96-8	ppb-TOC	2700		3300		3700		2100		5500		5400		12000		14000		18000	
Acetophenone	98-86-2	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
Anthracene	120-12-7	ppb-TOC	5700		7200		13000		30000		83000		20000		24000		29000		50000	
Atrazine	1912-24-9	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
Benzaldehyde	100-52-7	ppb-TOC	2000		15000	U	2600		25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	18000		22000		21000		30000		53000		46000		54000		59000		84000	
Benzo(a)pyrene	50-32-8	ppb-TOC	30000		37000		34000		30000		46000		42000		57000		59000		76000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	34000		42000		34000		38000		41000		41000		57000		61000		60000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	14000		17000		14000		11000		17000		13000		17000		18000		26000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	33000		31000		37000		33000		47000		35000		48000		44000		84000	
Biphenyl	92-52-4	ppb-TOC	14000	U	15000	U	1500		25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	110000		470000		2200000		1700000		230000		14000	U	15000	U	17000	U	22000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	3300		15000	U	6800		4300		16000	U	14000	U	15000	U	17000	U	22000	U
Caprolactam	105-60-2	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
Carbazole	86-74-8	ppb-TOC	1800		2000		2400		25000	U	16000	U	4200		15000	U	17000	U	9300	
Chrysene	218-01-9	ppb-TOC	23000		27000		27000		35000		70000		55000		70000		73000		110000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	14000	U	4200		16000	U	2500		6400		3900		15000	U	17000	U	22000	U
Dibenzofuran	132-64-9	ppb-TOC	14000	U	2200		16000	U	25000	U	3100		14000	U	15000	U	3800		22000	U
Diethyl phthalate	84-66-2	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
Dimethylphthalate	131-11-3	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	1600		15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	2500		51000	U	19000		28000		30000		1700		15000	U	17000	U	22000	U
Fluoranthene	206-44-0	ppb-TOC	34000		30000		76000		85000		140000		83000		96000		110000		160000	
Fluorene	86-73-7	ppb-TOC	1500		1400		1600		25000	U	6800		7400		9100		15000		16000	
Hexachlorobenzene	118-74-1	ppb-TOC	270	U	390		91		120		650		540	U	500	U	650	U	860	U
Hexachlorobutadiene	87-68-3	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091	
		Sample Name	NB02SED091C-01		NB02SED091C-02		NB02SED091C-03		NB02SED091C-04		NB02SED091C-05		NB02SED091C-06		NB02SED091C-07		NB02SED091C-08		NB02SED091C-09	
		Date Collected	11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	12000		14000		12000		9300		12000		11000		15000		17000		22000	
Isophorone	78-59-1	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
Naphthalene	91-20-3	ppb-TOC	3100		4700		4200		4800		8600		13000		11000		21000		22000	
Nitrobenzene	98-95-3	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
Pentachlorophenol	87-86-5	ppb-TOC	540	U	810		850	U	830	U	1600	U	1100	U	1000	U	1300	U	1700	U
Phenanthrene	85-01-8	ppb-TOC	10000		12000		12000		12000		31000		35000		39000		57000		86000	
Phenol	108-95-2	ppb-TOC	14000	U	15000	U	16000	U	25000	U	16000	U	14000	U	15000	U	17000	U	22000	U
Pyrene	129-00-0	ppb-TOC	47000		51000		76000		73000		140000		79000		93000		110000		160000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	240000		280000		340000		350000		570000		410000		500000		550000		780000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	27000		33000		40000		53000		150000		94000		110000		160000		220000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	270000		310000		370000		400000		720000		500000		610000		710000		1000000	

		Location ID	NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED092		NB02SED092	
		Sample Name	NB02SED091C-10		NB02SED091C-11		NB02SED091C-12		NB02SED091C-13		NB02SED091C-14		NB02SED091C-15		NB02SED091C-16		NB02SED092C-01		NB02SED092C-02	
		Date Collected	11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/8/2007		11/8/2007	
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	53000	U	38000	U	72000	U	33000	U	43000	U	51000	U	57000	U	29000	U	31000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
2-Chlorophenol	95-57-8	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	34000		23000		11000		1300		880		430		570	U	2100		2300	
2-Methylphenol	95-48-7	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
2-Nitroaniline	88-74-4	ppb-TOC	53000	U	38000	U	72000	U	33000	U	43000	U	51000	U	57000	U	29000	U	31000	U
2-Nitrophenol	88-75-5	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
3-Nitroaniline	99-09-2	ppb-TOC	53000	U	38000	U	72000	U	33000	U	43000	U	51000	U	57000	U	29000	U	31000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	53000	U	38000	U	72000	U	33000	U	43000	U	51000	U	57000	U	29000	U	31000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
4-Chloroaniline	106-47-8	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	1800		15000	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
4-Methylphenol	106-44-5	ppb-TOC	26000	U	5200		36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
4-Nitroaniline	100-01-6	ppb-TOC	53000	U	38000	U	72000	U	33000	U	43000	U	51000	U	57000	U	29000	U	31000	U
4-Nitrophenol	100-02-7	ppb-TOC	53000	U	38000	U	72000	U	33000	U	43000	U	51000	U	57000	U	29000	U	31000	U
Acenaphthene	83-32-9	ppb-TOC	21000		15000		8000		1800		1100		790		570	U	2300		1400	
Acenaphthylene	208-96-8	ppb-TOC	23000		23000		18000		2400		1600		490		570	U	8400		5000	
Acetophenone	98-86-2	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
Anthracene	120-12-7	ppb-TOC	71000		59000		34000		8200		3100		2400		570	U	12000		14000	
Atrazine	1912-24-9	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
Benzaldehyde	100-52-7	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	100000		100000		80000		23000		14000		4000		230		47000		45000	
Benzo(a)pyrene	50-32-8	ppb-TOC	90000		92000		76000		24000		15000		3800		260	U	65000		64000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	73000		75000		69000		18000		11000		2200		200		51000		53000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	26000		28000		28000		8200		5500		2300		190		22000		24000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	68000		77000		58000		22000		12000		2400		200		56000		67000	
Biphenyl	92-52-4	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	160000		1800000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	4800	
Caprolactam	105-60-2	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
Carbazole	86-74-8	ppb-TOC	7000		6100		3600		17000	U	22000	U	26000	U	30000	U	14000	U	1900	
Chrysene	218-01-9	ppb-TOC	120000		120000		94000		27000		16000		4500		270		47000		50000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	9800		7500		5400		3100		2400		710		570	U	14000	U	6700	
Dibenzofuran	132-64-9	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	1500		16000	U
Diethyl phthalate	84-66-2	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
Dimethylphthalate	131-11-3	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	26000	U	3100		36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	24000	
Fluoranthene	206-44-0	ppb-TOC	190000		190000		140000		41000		22000		11000		450		56000		78000	
Fluorene	86-73-7	ppb-TOC	23000		23000		12000		1900		810		450		570	U	1800		1500	
Hexachlorobenzene	118-74-1	ppb-TOC	1100	U	990	U	720	U	330	U	430	U	510	U	570	U	410	U	110	
Hexachlorobutadiene	87-68-3	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED092		NB02SED092	
		Sample Name	NB02SED091C-10		NB02SED091C-11		NB02SED091C-12		NB02SED091C-13		NB02SED091C-14		NB02SED091C-15		NB02SED091C-16		NB02SED092C-01		NB02SED092C-02	
		Date Collected	11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/8/2007		11/8/2007	
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	23000		23000		24000		7000		4500		2000		180		21000		21000	
Isophorone	78-59-1	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
Naphthalene	91-20-3	ppb-TOC	28000		18000		13000		2000		1500		650	U	570	U	4400		5000	
Nitrobenzene	98-95-3	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
Pentachlorophenol	87-86-5	ppb-TOC	2300	U	2000	U	1500	U	700	U	880	U	1000	U	1200	U	840	U	1000	U
Phenanthrene	85-01-8	ppb-TOC	130000		110000		62000		9500		3900		2400		150		19000		15000	
Phenol	108-95-2	ppb-TOC	26000	U	19000	U	36000	U	17000	U	22000	U	26000	U	30000	U	14000	U	16000	U
Pyrene	129-00-0	ppb-TOC	230000		230000		140000		39000		22000		11000		750		84000		120000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	920000		940000		720000		220000		120000		43000		2500		450000		530000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	320000		280000		160000		27000		13000		7000		150		51000		45000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1300000		1200000		870000		240000		140000		50000		2600		510000		590000	

		Location ID	NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092	
		Sample Name	NB02SED092C-03		NB02SED092C-04		NB02SED092C-05		NB02SED092C-06		NB02SED092C-07		NB02SED092C-08		NB02SED092C-09		NB02SED092C-10		NB02SED092C-11	
		Date Collected	11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	34000	U	36000	U	37000	U	30000	U	21000	U	24000	U	17000	U	21000	U	20000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
2-Chlorophenol	95-57-8	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	2300		3500		5700		6500		2300		5300		5500		7400		9900	
2-Methylphenol	95-48-7	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
2-Nitroaniline	88-74-4	ppb-TOC	34000	U	36000	U	37000	U	30000	U	21000	U	24000	U	17000	U	21000	U	20000	U
2-Nitrophenol	88-75-5	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
3-Nitroaniline	99-09-2	ppb-TOC	34000	U	36000	U	37000	U	30000	U	21000	U	24000	U	17000	U	21000	U	20000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	34000	U	36000	U	37000	U	30000	U	21000	U	24000	U	17000	U	21000	U	20000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
4-Chloroaniline	106-47-8	ppb-TOC	8500		5100		8000		7400		11000	U	12000	U	8900	U	11000	U	11000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
4-Methylphenol	106-44-5	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
4-Nitroaniline	100-01-6	ppb-TOC	34000	U	36000	U	37000	U	30000	U	21000	U	24000	U	17000	U	21000	U	20000	U
4-Nitrophenol	100-02-7	ppb-TOC	34000	U	36000	U	37000	U	30000	U	21000	U	24000	U	17000	U	21000	U	20000	U
Acenaphthene	83-32-9	ppb-TOC	2000		4400		6500		8600		2600		4800		6100		6600		9600	
Acenaphthylene	208-96-8	ppb-TOC	2700		4400		3200		3200		1300		1000		3200		8500		9600	
Acetophenone	98-86-2	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
Anthracene	120-12-7	ppb-TOC	15000		25000		52000		35000		5400		9500		14000		20000		21000	
Atrazine	1912-24-9	ppb-TOC	18000	U	19000	U	9300	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
Benzaldehyde	100-52-7	ppb-TOC	2500		19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	27000		40000		36000		30000		10000		17000		26000		41000		51000	
Benzo(a)pyrene	50-32-8	ppb-TOC	31000		40000		31000		26000		8400		14000		22000		39000		43000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	38000		47000		42000		26000		5400		18000		24000		38000		47000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	13000		10000		9300		6500		4700		3500		7400		12000		15000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	28000		35000		30000		28000		7700		12000		19000		32000		39000	
Biphenyl	92-52-4	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	2000000		510000		420000		510000		110000		300000		68000		34000		24000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	2700		19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
Caprolactam	105-60-2	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
Carbazole	86-74-8	ppb-TOC	18000	U	19000	U	6300		7600		11000	U	12000	U	8900	U	11000	U	11000	U
Chrysene	218-01-9	ppb-TOC	34000		47000		44000		37000		12000		23000		32000		50000		56000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	18000	U	3100		3700		3000		1300		1400		1800		3900		4700	
Dibenzofuran	132-64-9	ppb-TOC	18000	U	19000	U	3700		4900		1100		2300		2500		2500		11000	U
Diethyl phthalate	84-66-2	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
Dimethylphthalate	131-11-3	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	3100		19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	9700		14000		85000		28000				3500						15000	U
Fluoranthene	206-44-0	ppb-TOC	75000		65000		92000		76000		19000		38000		58000		73000		93000	
Fluorene	86-73-7	ppb-TOC	1800		4700		12000		13000		2900		5600		4700		7100		10000	
Hexachlorobenzene	118-74-1	ppb-TOC	470	U	130		300		480		210	U	500		550		420	U	510	U
Hexachlorobutadiene	87-68-3	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092	
		Sample Name	NB02SED092C-03		NB02SED092C-04		NB02SED092C-05		NB02SED092C-06		NB02SED092C-07		NB02SED092C-08		NB02SED092C-09		NB02SED092C-10		NB02SED092C-11	
		Date Collected	11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	10000		11000		8600		6000		4000		3000		5300		9100		11000	
Isophorone	78-59-1	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
Naphthalene	91-20-3	ppb-TOC	5300		8400		11000		15000		3300		5000		6800		8400		13000	
Nitrobenzene	98-95-3	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	18000	U	19000	U	19000	U	14000		11000	U	9800		8900	U	11000	U	11000	U
Pentachlorophenol	87-86-5	ppb-TOC	940	U	950	U	21000	U	880	U	430	U	480	U	710	U	850	U	1000	U
Phenanthrene	85-01-8	ppb-TOC	11000		16000		40000		48000		12000		24000		26000		31000		44000	
Phenol	108-95-2	ppb-TOC	18000	U	19000	U	19000	U	16000	U	11000	U	12000	U	8900	U	11000	U	11000	U
Pyrene	129-00-0	ppb-TOC	88000		73000		84000		65000		26000		39000		63000		74000		99000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	340000		360000		380000		300000		100000		170000		260000		380000		450000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	41000		65000		130000		130000		30000		56000		66000		88000		120000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	380000		440000		510000		440000		130000		230000		320000		460000		570000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED093		NB02SED093		NB02SED093	
		Sample Name	NB02SED092C-12		NB02SED092C-13		NB02SED092C-14		NB02SED092C-15		NB02SED092C-16		NB02SED092C-17		NB02SED093C-01		NB02SED093C-02		NB02SED093C-03	
		Date Collected	11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		12/7/2007		12/7/2007		12/7/2007	
		Depth	17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	21000	U	14000	U	15000	U	13000	U	15000	U	28000	U	22000	U	16000	U	12000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
2-Chloronaphthalene	91-58-7	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
2-Chlorophenol	95-57-8	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
2-Methylnaphthalene	91-57-6	ppb-TOC	7600		5700		4900		7500		8900		31000		2800		3400		5000	
2-Methylphenol	95-48-7	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
2-Nitroaniline	88-74-4	ppb-TOC	21000	U	14000	U	15000	U	13000	U	15000	U	28000	U	22000	U	16000	U	12000	U
2-Nitrophenol	88-75-5	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
3-Nitroaniline	99-09-2	ppb-TOC	21000	U	14000	U	15000	U	13000	U	15000	U	28000	U	22000	U	16000	U	12000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	21000	U	14000	U	15000	U	13000	U	15000	U	28000	U	22000	U	16000	U	12000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
4-Chloroaniline	106-47-8	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	2600		6200	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
4-Methylphenol	106-44-5	ppb-TOC	3100		2700		2100		2500		2500		14000	U	11000	U	8000	U	6200	U
4-Nitroaniline	100-01-6	ppb-TOC	21000	U	14000	U	15000	U	13000	U	15000	U	28000	U	22000	U	16000	U	12000	U
4-Nitrophenol	100-02-7	ppb-TOC	21000	U	14000	U	15000	U	13000	U	15000	U	28000	U	22000	U	16000	U	12000	U
Acenaphthene	83-32-9	ppb-TOC	7600		4700		3800		4800		6200		15000		2600		6000		20000	
Acenaphthylene	208-96-8	ppb-TOC	11000		6300		9500		9200		9200		18000		7400		7400		15000	
Acetophenone	98-86-2	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
Anthracene	120-12-7	ppb-TOC	19000		12000		15000		13000		16000		44000		13000		26000		68000	
Atrazine	1912-24-9	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
Benzaldehyde	100-52-7	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
Benzo(a)anthracene	56-55-3	ppb-TOC	49000		31000		45000		42000		40000		75000		49000		64000		120000	
Benzo(a)pyrene	50-32-8	ppb-TOC	50000		31000		47000		42000		36000		65000		70000		68000		120000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	54000		28000		47000		36000		34000		55000		77000		78000		110000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	16000		10000		17000		14000		13000		21000		19000		15000	U	28000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	40000		31000		43000		42000		34000		60000		74000		64000		110000	
Biphenyl	92-52-4	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	1100		8000	U	6200	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	140000		240000		28000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	2500		8000	U	6200	U
Caprolactam	105-60-2	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
Carbazole	86-74-8	ppb-TOC	3600		2700		3300		2900		2900		5500		2100		2000		3800	
Chrysene	218-01-9	ppb-TOC	59000		36000		52000		52000		47000		90000		60000		76000		140000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	4700		2700		4900		4800		2700		7000		6000		5200		9700	
Dibenzofuran	132-64-9	ppb-TOC	2900		2000		2100		2500		1700		4500		1900		1800		7000	
Diethyl phthalate	84-66-2	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
Dimethylphthalate	131-11-3	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	1300		8000	U	6200	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	16000	U	17000	U	12000	U	17000	U	13000	U	21000	U			8000	U	6200	U
Fluoranthene	206-44-0	ppb-TOC	79000		55000		68000		61000		67000		130000		81000		140000		300000	
Fluorene	86-73-7	ppb-TOC	6300		5200		6100		4400		5600		16000		1800		3200		16000	
Hexachlorobenzene	118-74-1	ppb-TOC	530	U	280	U	380	U	330	U	400	U	800	U	170		190		610	
Hexachlorobutadiene	87-68-3	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED093		NB02SED093		NB02SED093	
		Sample Name	NB02SED092C-12		NB02SED092C-13		NB02SED092C-14		NB02SED092C-15		NB02SED092C-16		NB02SED092C-17		NB02SED093C-01		NB02SED093C-02		NB02SED093C-03	
		Date Collected	11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		12/7/2007		12/7/2007		12/7/2007	
		Depth	17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	13000		8300		14000		12000		10000		17000		19000		15000		28000	
Isophorone	78-59-1	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
Naphthalene	91-20-3	ppb-TOC	8400		7500		7500		9000		8200		16000		8400		10000		19000	
Nitrobenzene	98-95-3	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
Pentachlorophenol	87-86-5	ppb-TOC	1100	U	580	U	800	U	670	U	830	U	1600	U	740	U	1600	U	1200	U
Phenanthrene	85-01-8	ppb-TOC	37000		24000		29000		25000		33000		80000		16000		15000		88000	
Phenol	108-95-2	ppb-TOC	11000	U	7400	U	7500	U	6700	U	7800	U	14000	U	11000	U	8000	U	6200	U
Pyrene	129-00-0	ppb-TOC	93000		63000		87000		86000		94000		190000		84000		100000		200000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	460000		300000		420000		400000		380000		700000		530000		620000		1200000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	97000		64000		76000		73000		87000		220000		53000		72000		230000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	560000		360000		500000		460000		470000		900000		600000		680000		1400000	

		Location ID	NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093	
		Sample Name	NB02SED093C-04		NB02SED093C-05		NB02SED093C-06		NB02SED093C-07		NB02SED093C-08		NB02SED093C-09		NB02SED093C-10		NB02SED093C-11		NB02SED093C-12	
		Date Collected	12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	13000	U	13000	U	15000	U	13000	U	20000	U	20000	U	20000	U	32000	U	150000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
2-Chlorophenol	95-57-8	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	7200		8800		17000		15000		20000		15000		40000		3700		1500	U
2-Methylphenol	95-48-7	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
2-Nitroaniline	88-74-4	ppb-TOC	13000	U	13000	U	15000	U	13000	U	20000	U	20000	U	20000	U	32000	U	150000	U
2-Nitrophenol	88-75-5	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
3-Nitroaniline	99-09-2	ppb-TOC	13000	U	13000	U	15000	U	13000	U	20000	U	20000	U	20000	U	32000	U	150000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	13000	U	13000	U	15000	U	13000	U	20000	U	20000	U	20000	U	32000	U	150000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
4-Chloroaniline	106-47-8	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
4-Methylphenol	106-44-5	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
4-Nitroaniline	100-01-6	ppb-TOC	13000	U	13000	U	15000	U	13000	U	20000	U	20000	U	20000	U	32000	U	150000	U
4-Nitrophenol	100-02-7	ppb-TOC	13000	U	13000	U	15000	U	13000	U	20000	U	20000	U	20000	U	32000	U	150000	U
Acenaphthene	83-32-9	ppb-TOC	30000		20000		36000		38000		29000		21000		42000		8500		450	
Acenaphthylene	208-96-8	ppb-TOC	11000		8400		10000		13000		12000		12000		13000		2000		1500	U
Acetophenone	98-86-2	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
Anthracene	120-12-7	ppb-TOC	78000		50000		90000		120000		81000		69000		120000		13000		900	
Atrazine	1912-24-9	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
Benzaldehyde	100-52-7	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	140000		94000		120000		110000		120000		110000		130000		19000		1200	
Benzo(a)pyrene	50-32-8	ppb-TOC	130000		89000		100000		100000		100000		110000		120000		17000		79000	U
Benzo(b)fluoranthene	205-99-2	ppb-TOC	140000		89000		110000		100000		140000		120000		150000		15000		1600	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	33000		23000		25000		26000		22000		22000		26000		4900		710	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	100000		63000		120000		97000		110000		150000		130000		16000		1100	
Biphenyl	92-52-4	ppb-TOC	6800	U	6600	U	1800		6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	5500		4600		7900	U	2700		10000	U	11000	U	10000	U	16000	U	79000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
Caprolactam	105-60-2	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
Carbazole	86-74-8	ppb-TOC	4800		4300		14000		20000		11000		8400		14000		2000		79000	U
Chrysene	218-01-9	ppb-TOC	160000		100000		110000		140000		130000		130000		150000		22000		1200	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	11000		8100		9200		9100		6600		7100		8800		16000	U	1500	U
Dibenzofuran	132-64-9	ppb-TOC	8200		6500		15000		18000		11000		11000		18000		1800		79000	U
Diethyl phthalate	84-66-2	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
Dimethylphthalate	131-11-3	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	6800	U	6600	U	7900	U	6600	U	31000	U	31000	U	31000	U	16000	U	79000	U
Fluoranthene	206-44-0	ppb-TOC	350000		170000		230000		310000		290000		280000		310000		49000		1700	
Fluorene	86-73-7	ppb-TOC	22000		20000		40000		62000		35000		28000		64000		6700		1500	U
Hexachlorobenzene	118-74-1	ppb-TOC	2200	U	1300	U	1900	U	2200	U	2200	U	1400	U	1800	U	320	U	1500	U
Hexachlorobutadiene	87-68-3	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093	
		Sample Name	NB02SED093C-04		NB02SED093C-05		NB02SED093C-06		NB02SED093C-07		NB02SED093C-08		NB02SED093C-09		NB02SED093C-10		NB02SED093C-11		NB02SED093C-12	
		Date Collected	12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	33000		25000		27000		27000		19000		20000		24000		4800		790	
Isophorone	78-59-1	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
Naphthalene	91-20-3	ppb-TOC	40000		46000		130000		110000		140000		300000		400000		24000		1500	U
Nitrobenzene	98-95-3	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	5700		6600	U	7900	U	6600	U	6200		11000	U	10000	U	16000	U	79000	U
Pentachlorophenol	87-86-5	ppb-TOC	4500	U	2600	U	15000	U	4400	U	4400	U	2800	U	3700	U	650	U	3100	U
Phenanthrene	85-01-8	ppb-TOC	110000		86000		130000		260000		160000		140000		220000		27000		600	
Phenol	108-95-2	ppb-TOC	6800	U	6600	U	7900	U	6600	U	10000	U	11000	U	10000	U	16000	U	79000	U
Pyrene	129-00-0	ppb-TOC	230000		120000		140000		180000		190000		180000		180000		38000		6400	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	1300000		780000		1000000		1100000		1100000		1100000		1200000		180000		15000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	300000		230000		460000		620000		480000		590000		900000		85000		1900	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1600000		1000000		1400000		1700000		1600000		1700000		2100000		270000		16000	

		Location ID	NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094	
		Sample Name	NB02SED094D-02		NB02SED094D-03		NB02SED094D-04		NB02SED094D-05		NB02SED094D-06		NB02SED094D-07		NB02SED094D-08		NB02SED094D-09		NB02SED094D-10	
		Date Collected	11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	27000	U	27000	U	26000	U	24000	U	21000	U	23000	U	22000	U	20000	U	21000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
2-Chlorophenol	95-57-8	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	1900		1700		2300		3000		2400		3000		3400		3000		3800	
2-Methylphenol	95-48-7	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
2-Nitroaniline	88-74-4	ppb-TOC	27000	U	27000	U	26000	U	24000	U	21000	U	23000	U	22000	U	20000	U	21000	U
2-Nitrophenol	88-75-5	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
3-Nitroaniline	99-09-2	ppb-TOC	27000	U	27000	U	26000	U	24000	U	21000	U	23000	U	22000	U	20000	U	21000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	27000	U	27000	U	26000	U	24000	U	21000	U	23000	U	22000	U	20000	U	21000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
4-Chloroaniline	106-47-8	ppb-TOC	14000	U	14000	U	14000	U	2400		1600		2300		2300		3700		2200	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
4-Methylphenol	106-44-5	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	1000	
4-Nitroaniline	100-01-6	ppb-TOC	27000	U	27000	U	26000	U	24000	U	21000	U	23000	U	22000	U	20000	U	21000	U
4-Nitrophenol	100-02-7	ppb-TOC	27000	U	27000	U	26000	U	24000	U	21000	U	23000	U	22000	U	20000	U	21000	U
Acenaphthene	83-32-9	ppb-TOC	4100		2700		2300		4300		4300		5600		4700		4600		7900	
Acenaphthylene	208-96-8	ppb-TOC	9500		4100		7700		5400		4900		5600		5400		4300		5400	
Acetophenone	98-86-2	ppb-TOC	4700		2000		14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
Anthracene	120-12-7	ppb-TOC	15000		13000		11000		20000		18000		22000		20000		18000		23000	
Atrazine	1912-24-9	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
Benzaldehyde	100-52-7	ppb-TOC	2200		14000	U	1700		1700		2600		2800		2300		2400		2000	
Benzo(a)anthracene	56-55-3	ppb-TOC	51000		41000		35000		51000		49000		56000		47000		40000		54000	
Benzo(a)pyrene	50-32-8	ppb-TOC	64000		52000		47000		61000		55000		66000		57000		49000		57000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	71000		56000		58000		54000		49000		76000		61000		49000		63000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	10000		8500		7300		22000		18000		20000		15000		16000		18000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	71000		63000		47000		67000		55000		56000		57000		55000		60000	
Biphenyl	92-52-4	ppb-TOC	14000	U	14000	U	14000	U	1300		11000	U	1400		1200		1300		1600	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	91000		96000		95000		230000		150000		180000		240000		300000		350000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	3100		2400		2200		4300		2900		3300		3700		4600		3800	
Caprolactam	105-60-2	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
Carbazole	86-74-8	ppb-TOC	1800		1500		1400		1800		1500		1900		1600		1600		2000	
Chrysene	218-01-9	ppb-TOC	57000		48000		40000		60000		55000		66000		57000		46000		57000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	3400		2800		2500		12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
Dibenzofuran	132-64-9	ppb-TOC	2300		14000	U	2000		2400		2300		2900		2500		2400		3500	
Diethyl phthalate	84-66-2	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
Dimethylphthalate	131-11-3	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	14000	U	14000	U	14000	U	1800		1400		12000	U	2400		1100		1900	
Di-n-Octylphthalate	117-84-0	ppb-TOC	14000	U	14000	U	14000	U	1500		11000	U	2100		2300		2000		4400	
Fluoranthene	206-44-0	ppb-TOC	81000		63000		51000		87000		73000		95000		84000		82000		110000	
Fluorene	86-73-7	ppb-TOC	3100		2000		1600		3000		3000		3900		3200		3400		6700	
Hexachlorobenzene	118-74-1	ppb-TOC	540	U	440	U	360	U	690	U	610	U	760	U	610	U	670	U	830	U
Hexachlorobutadiene	87-68-3	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094	
		Sample Name	NB02SED094D-02		NB02SED094D-03		NB02SED094D-04		NB02SED094D-05		NB02SED094D-06		NB02SED094D-07		NB02SED094D-08		NB02SED094D-09		NB02SED094D-10	
		Date Collected	11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	11000		8900		7700		21000		19000		20000		15000		14000		17000	
Isophorone	78-59-1	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
Naphthalene	91-20-3	ppb-TOC	5400		4400		5500		7400		5800		6900		7700		6700		7000	
Nitrobenzene	98-95-3	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	14000	U	14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
Pentachlorophenol	87-86-5	ppb-TOC	27000	U	27000	U	26000	U	1400	U	1300	U	1500	U	1300	U	1300	U	1700	U
Phenanthrene	85-01-8	ppb-TOC	22000		16000		14000		21000		20000		26000		20000		22000		38000	
Phenol	108-95-2	ppb-TOC	1800		14000	U	14000	U	12000	U	11000	U	12000	U	11000	U	10000	U	11000	U
Pyrene	129-00-0	ppb-TOC	84000		67000		58000		92000		82000		100000		81000		73000		100000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	510000		410000		350000		510000		460000		560000		470000		430000		540000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	61000		44000		44000		64000		58000		72000		64000		61000		92000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	570000		440000		400000		580000		520000		630000		540000		490000		630000	

		Location ID	NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED097		NB02SED097	
		Sample Name	NB02SED094D-11		NB02SED094D-12		NB02SED094D-13		NB02SED094D-14		NB02SED094D-15		NB02SED094D-16		NB02SED094D-17		NB02SED097H-01		NB02SED097H-02	
		Date Collected	11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		12/6/2007		12/6/2007	
		Depth	15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	21000	U	25000	U	51000	U	55000	U	58000	U	27000	U	33000	U	16000	U	16000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
2-Chloronaphthalene	91-58-7	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
2-Chlorophenol	95-57-8	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
2-Methylnaphthalene	91-57-6	ppb-TOC	2500		3300		3700		3700		3300		4000		5400		5900		21000	
2-Methylphenol	95-48-7	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
2-Nitroaniline	88-74-4	ppb-TOC	21000	U	25000	U	51000	U	55000	U	58000	U	27000	U	33000	U	16000	U	16000	U
2-Nitrophenol	88-75-5	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
3-Nitroaniline	99-09-2	ppb-TOC	21000	U	25000	U	51000	U	55000	U	58000	U	27000	U	33000	U	16000	U	16000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	21000	U	25000	U	51000	U	55000	U	58000	U	27000	U	33000	U	16000	U	16000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
4-Chloroaniline	106-47-8	ppb-TOC	11000	U	3300		12000		9600		12000		12000		16000		8400	U	8200	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
4-Methylphenol	106-44-5	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	1900		17000	U	1100		8200	U
4-Nitroaniline	100-01-6	ppb-TOC	21000	U	25000	U	51000	U	55000	U	58000	U	27000	U	33000	U	16000	U	16000	U
4-Nitrophenol	100-02-7	ppb-TOC	21000	U	25000	U	51000	U	55000	U	58000	U	27000	U	33000	U	16000	U	16000	U
Acenaphthene	83-32-9	ppb-TOC	6400		5600		7700		6300		6900		8700		7700		5900		16000	
Acenaphthylene	208-96-8	ppb-TOC	4400		3300		3400		3600		12000		4700		4900		5700		11000	
Acetophenone	98-86-2	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
Anthracene	120-12-7	ppb-TOC	20000		19000		22000		22000		24000		27000		28000		23000		56000	
Atrazine	1912-24-9	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
Benzaldehyde	100-52-7	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
Benzo(a)anthracene	56-55-3	ppb-TOC	47000		41000		42000		40000		49000		55000		41000		48000		100000	
Benzo(a)pyrene	50-32-8	ppb-TOC	57000		47000		41000		48000		60000		60000		46000		48000		84000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	54000		47000		47000		55000		47000		57000		59000		55000		62000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	12000		11000		11000		13000		16000		13000		16000		12000		29000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	64000		52000		39000		40000		66000		67000		41000		36000		71000	
Biphenyl	92-52-4	ppb-TOC	1200		13000	U	26000	U	28000	U	30000	U	14000	U	2200		8400	U	8200	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	540000		900000		1800000		3600000		3600000		1800000		1200000		13000		8200	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	3700		13000	U	26000	U	28000	U	30000	U	14000	U	4100		1500		8200	U
Caprolactam	105-60-2	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
Carbazole	86-74-8	ppb-TOC	1700		1800		26000	U	28000	U	3600		4700		5100		1800		2200	
Chrysene	218-01-9	ppb-TOC	57000		52000		51000		51000		63000		65000		49000		50000		130000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	4400		3300		3100		4000		4900		4500		17000	U	3600		10000	
Dibenzofuran	132-64-9	ppb-TOC	3000		2300		3600		3600		4700		3700		4400		1800		5300	
Diethyl phthalate	84-66-2	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
Dimethylphthalate	131-11-3	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	8200		8400	U		
Fluoranthene	206-44-0	ppb-TOC	100000		86000		110000		85000		93000		110000		85000		110000		270000	
Fluorene	86-73-7	ppb-TOC	4000		3600		7200		4400		7400		7000		8700		5300		15000	
Hexachlorobenzene	118-74-1	ppb-TOC	470	U	420	U	430	U	440	U	380	U	550	U	640	U	650	U	1600	U
Hexachlorobutadiene	87-68-3	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC															8400	U		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED097		NB02SED097	
		Sample Name	NB02SED094D-11		NB02SED094D-12		NB02SED094D-13		NB02SED094D-14		NB02SED094D-15		NB02SED094D-16		NB02SED094D-17		NB02SED097H-01		NB02SED097H-02	
		Date Collected	11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		12/6/2007		12/6/2007	
		Depth	15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	14000		10000		11000		13000		15000		13000		14000		10000		27000	
Isophorone	78-59-1	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
Naphthalene	91-20-3	ppb-TOC	5700		6400		6800		6600		7700		9700		8500		4400		12000	
Nitrobenzene	98-95-3	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
Pentachlorophenol	87-86-5	ppb-TOC	970	U	860	U	980	U	880	U	580000	U	270000	U	1300	U	1300	U	3300	U
Phenanthrene	85-01-8	ppb-TOC	28000		21000		31000		29000		30000		42000		39000		32000		64000	
Phenol	108-95-2	ppb-TOC	11000	U	13000	U	26000	U	28000	U	30000	U	14000	U	17000	U	8400	U	8200	U
Pyrene	129-00-0	ppb-TOC	74000		64000		77000		63000		69000		82000		75000		110000		150000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	470000		410000		430000		400000		490000		520000		440000		480000		930000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	70000		60000		81000		77000		91000		100000		100000		82000		200000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	570000		470000		510000		480000		580000		620000		540000		570000		1100000	

		Location ID	NB02SED097		NB02SED097		NB02SED097		NB02SED097		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098	
		Sample Name	NB02SED097H-03		NB02SED097H-04		NB02SED097H-05		NB02SED097H-06		NB02SED098E-01		NB02SED098E-02		NB02SED098E-03		NB02SED098E-04		NB02SED098E-05	
		Date Collected	12/6/2007		12/6/2007		12/6/2007		12/6/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	17000	U	13000	U	34000	U	34000	U	34000	U	28000	U	23000	U	22000	U	21000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
2-Chlorophenol	95-57-8	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	31000		7300		470		270		3000		3000		2200		3400		2300	
2-Methylphenol	95-48-7	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
2-Nitroaniline	88-74-4	ppb-TOC	17000	U	13000	U	34000	U	34000	U	34000	U	28000	U	23000	U	22000	U	21000	U
2-Nitrophenol	88-75-5	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
3-Nitroaniline	99-09-2	ppb-TOC	17000	U	13000	U	34000	U	34000	U	34000	U	28000	U	23000	U	22000	U	21000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	17000	U	13000	U	34000	U	34000	U	34000	U	28000	U	23000	U	22000	U	21000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
4-Chloroaniline	106-47-8	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	1900		2300		2700	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
4-Methylphenol	106-44-5	ppb-TOC	2600		1600		17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
4-Nitroaniline	100-01-6	ppb-TOC	17000	U	13000	U	34000	U	34000	U	34000	U	28000	U	23000	U	22000	U	21000	U
4-Nitrophenol	100-02-7	ppb-TOC	17000	U	13000	U	34000	U	34000	U	34000	U	28000	U	23000	U	22000	U	21000	U
Acenaphthene	83-32-9	ppb-TOC	24000		9800		920		240		2500		2800		1500		3400		3500	
Acenaphthylene	208-96-8	ppb-TOC	14000		6600		160		150		3000		5000		2900		2900		3000	
Acetophenone	98-86-2	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
Anthracene	120-12-7	ppb-TOC	74000		41000		1400		970		9200		8800		6000		9200		8500	
Atrazine	1912-24-9	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
Benzaldehyde	100-52-7	ppb-TOC	9000	U	6800	U	17000	U	17000	U	3500		2800		2000		11000	U	2200	
Benzo(a)anthracene	56-55-3	ppb-TOC	130000		85000		1800		1500		23000		27000		18000		26000		23000	
Benzo(a)pyrene	50-32-8	ppb-TOC	97000		77000		2900	U	2300	U	29000		46000		26000		32000		26000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	95000		53000		2100		1400		34000		67000		30000		43000		34000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	31000		20000		1700		1100		11000		13000		11000		6300		5500	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	62000		64000		1600		1300		33000		42000		30000		32000		30000	
Biphenyl	92-52-4	ppb-TOC	2800		1800		17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	9000	U	6800	U	17000	U	17000	U	140000		190000		160000		280000		240000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	9000	U	6800	U	17000	U	1800		4000		6700		3300		2500		2800	
Caprolactam	105-60-2	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
Carbazole	86-74-8	ppb-TOC	2100		900		17000	U	17000	U	1800		2400		1600		1400		1400	
Chrysene	218-01-9	ppb-TOC	150000		92000		1800		1600		30000		37000		23000		34000		28000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	10000		6400		410		310		3400		3800		3300		4300		1300	
Dibenzofuran	132-64-9	ppb-TOC	5400		2000		17000	U	17000	U	2300		2200		1500		11000	U	1100	
Diethyl phthalate	84-66-2	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
Dimethylphthalate	131-11-3	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC					17000	U	17000	U	17000	U			12000	U	11000	U	11000	U
Fluoranthene	206-44-0	ppb-TOC	310000		170000		4100		2800		49000		54000		54000		75000		56000	
Fluorene	86-73-7	ppb-TOC	33000		10000		700		310		2400		2400		1400		2500		2800	
Hexachlorobenzene	118-74-1	ppb-TOC	1700	U	1100	U	340	U	340	U	87		100		69		550	U	320	U
Hexachlorobutadiene	87-68-3	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC					17000	U	17000	U										

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED097		NB02SED097		NB02SED097		NB02SED097		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098	
		Sample Name	NB02SED097H-03		NB02SED097H-04		NB02SED097H-05		NB02SED097H-06		NB02SED098E-01		NB02SED098E-02		NB02SED098E-03		NB02SED098E-04		NB02SED098E-05	
		Date Collected	12/6/2007		12/6/2007		12/6/2007		12/6/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	28000		19000		1300		850		11000		12000		10000		6600		5700	
Isophorone	78-59-1	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
Naphthalene	91-20-3	ppb-TOC	18000		7100		650	U	410	U	3700		5000		3600		4300		3000	
Nitrobenzene	98-95-3	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	11000	U
Pentachlorophenol	87-86-5	ppb-TOC	3600	U	2400	U	700	U	680	U	710	U	750	U	570	U	260		640	U
Phenanthrene	85-01-8	ppb-TOC	150000		73000		1900		1600		21000		17000		10000		11000		13000	
Phenol	108-95-2	ppb-TOC	9000	U	6800	U	17000	U	17000	U	17000	U	14000	U	12000	U	11000	U	2000	
Pyrene	129-00-0	ppb-TOC	190000		100000		3800		2400		54000		63000		54000		55000		41000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	1100000		680000		18000		13000		280000		360000		260000		320000		250000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	360000		150000		5400		3500		45000		42000		28000		37000		35000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1500000		830000		24000		17000		320000		410000		290000		340000		290000	

		Location ID	NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED100		NB02SED101		NB02SED102		NB02SED104		NB02SED105	
		Sample Name	NB02SED098E-06		NB02SED098E-07		NB02SED098E-08		NB02SED098E-09		NB02SED100B-01		NB02SED101A-01		NB02SED102A-01		NB02SED104C-01		NB02SED105A-01	
		Date Collected	12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/7/2007		11/2/2007		10/30/2007		11/16/2007		11/1/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	21000	U	26000	U	35000	U	53000	U	63000	U	27000	U	20000	U	32000	U	36000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
2-Chlorophenol	95-57-8	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	2400		3600		3700		2300		6000		3900		1600		1900		1400	
2-Methylphenol	95-48-7	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
2-Nitroaniline	88-74-4	ppb-TOC	21000	U	26000	U	35000	U	53000	U	63000	U	27000	U	20000	U	32000	U	36000	U
2-Nitrophenol	88-75-5	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
3-Nitroaniline	99-09-2	ppb-TOC	21000	U	26000	U	35000	U	53000	U	63000	U	27000	U	20000	U	32000	U	36000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	21000	U	26000	U	35000	U	53000	U	63000	U	27000	U	20000	U	32000	U	36000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
4-Chloroaniline	106-47-8	ppb-TOC	3500		11000		7000		28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
4-Methylphenol	106-44-5	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
4-Nitroaniline	100-01-6	ppb-TOC	21000	U	26000	U	35000	U	53000	U	63000	U	27000	U	20000	U	32000	U	36000	U
4-Nitrophenol	100-02-7	ppb-TOC	21000	U	26000	U	35000	U	53000	U	63000	U	27000	U	20000	U	32000	U	36000	U
Acenaphthene	83-32-9	ppb-TOC	1700		2800		3700		1100		14000		12000		2300		4400		540	
Acenaphthylene	208-96-8	ppb-TOC	5000		5900		4200		690		15000		13000		2200		5000		3600	
Acetophenone	98-86-2	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	1900		16000	U	33000	
Anthracene	120-12-7	ppb-TOC	8200		12000		16000		4800		50000		49000		7700		14000		8200	
Atrazine	1912-24-9	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
Benzaldehyde	100-52-7	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	1900		2000		1800		8200	
Benzo(a)anthracene	56-55-3	ppb-TOC	21000		26000		23000		7300		170000		140000		30000		44000		39000	
Benzo(a)pyrene	50-32-8	ppb-TOC	29000		33000		23000		6500		220000		130000		41000		55000		60000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	35000		46000		27000		7000		210000		150000		61000		69000		55000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	6800		7500		5300		4500		61000		44000		7700		13000		8900	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	35000		33000		25000		6500		220000		140000		44000		55000		55000	
Biphenyl	92-52-4	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	1500		10000	U	16000	U	18000	U
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	320000		1200000		510000		48000		170000		93000		100000		73000		82000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	11000	U	3600		18000	U	3800		32000	U	2400		3600		2200		18000	U
Caprolactam	105-60-2	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
Carbazole	86-74-8	ppb-TOC	11000	U	14000	U	18000	U	28000	U	3300		5300		2300		1700		18000	U
Chrysene	218-01-9	ppb-TOC	28000		36000		31000		9900		180000		140000		36000		50000		47000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	2100		2500		18000	U	1600		20000		14000	U	2100		5000		2700	
Dibenzofuran	132-64-9	ppb-TOC	11000	U	1800		18000	U	28000	U	5000		4400		1400		1800		18000	U
Diethyl phthalate	84-66-2	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
Dimethylphthalate	131-11-3	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	11000	U	14000	U	18000	U	28000	U	7000		14000	U	10000	U	16000	U	18000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	11000	U	14000	U	12000				32000	U	2400		10000	U			18000	U
Fluoranthene	206-44-0	ppb-TOC	44000		65000		59000		19000		350000		240000		55000		73000		41000	
Fluorene	86-73-7	ppb-TOC	1500		3200		18000	U	1300		5600		7600		1800		1800		680	
Hexachlorobenzene	118-74-1	ppb-TOC	74		100		280		110		2100		1800	U	410	U	450	U	360	U
Hexachlorobutadiene	87-68-3	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC													10000	U			18000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED100		NB02SED101		NB02SED102		NB02SED104		NB02SED105	
		Sample Name	NB02SED098E-06		NB02SED098E-07		NB02SED098E-08		NB02SED098E-09		NB02SED100B-01		NB02SED101A-01		NB02SED102A-01		NB02SED104C-01		NB02SED105A-01	
		Date Collected	12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/7/2007		11/2/2007		10/30/2007		11/16/2007		11/1/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	6800		7800		4600		4200		63000		42000		7700		14000		8900	
Isophorone	78-59-1	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
Naphthalene	91-20-3	ppb-TOC	3200		4600		3100		1500		25000		12000		3300		5000		2300	
Nitrobenzene	98-95-3	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	18000	U
Pentachlorophenol	87-86-5	ppb-TOC	21000	U	620	U	700	U	1100	U	4300	U	3700	U	830	U	920	U	750	U
Phenanthrene	85-01-8	ppb-TOC	11000		13000		11000		4900		73000		76000		21000		19000		10000	
Phenol	108-95-2	ppb-TOC	11000	U	14000	U	18000	U	28000	U	32000	U	14000	U	10000	U	16000	U	7500	
Pyrene	129-00-0	ppb-TOC	35000		49000		41000		14000		400000		210000		61000		55000		64000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	240000		310000		240000		80000		2000000		1200000		360000		440000		380000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	32000		46000		42000		16000		200000		170000		41000		50000		27000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	280000		360000		280000		97000		2100000		1400000		390000		500000		410000	

		Location ID	NB02SED106		NB02SED107		NB02SED108		NB02SED109		NB02SED110		NB02SED111		NB02SED112		NB02SED113		NB02SED114	
		Sample Name	NB02SED106B-01		NB02SED107B-01		NB02SED108A-01		NB02SED109B-01		NB02SED110D-01		NB02SED111F-01		NB02SED112A-01		NB02SED113B-01		NB02SED114C-01	
		Date Collected	11/15/2007		11/6/2007		10/31/2007		11/29/2007		12/11/2007		12/10/2007		11/7/2007		12/10/2007		12/11/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	33000	U	30000	U	33000	U	28000	U			30000	U	35000	U	33000	U	31000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
2-Chlorophenol	95-57-8	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	3000		1400		1200		1400		2200		2100		2300		2000		4600	
2-Methylphenol	95-48-7	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
2-Nitroaniline	88-74-4	ppb-TOC	33000	U	30000	U	33000	U	28000	U			30000	U	35000	U	33000	U	31000	U
2-Nitrophenol	88-75-5	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
3-Nitroaniline	99-09-2	ppb-TOC	33000	U	30000	U	33000	U	28000	U			30000	U	35000	U	33000	U	31000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	33000	U	30000	U	33000	U	28000	U			30000	U	35000	U	33000	U	31000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
4-Chloroaniline	106-47-8	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	3100	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
4-Methylphenol	106-44-5	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
4-Nitroaniline	100-01-6	ppb-TOC	33000	U	30000	U	33000	U	28000	U			30000	U	35000	U	33000	U	31000	U
4-Nitrophenol	100-02-7	ppb-TOC	33000	U	30000	U	33000	U	28000	U			30000	U	35000	U	33000	U	31000	U
Acenaphthene	83-32-9	ppb-TOC	3400		950		1200		1500		3500		1400		1700		1200		3000	
Acenaphthylene	208-96-8	ppb-TOC	5600		1600		1600		2300		1800		2000		2600		1500		5700	
Acetophenone	98-86-2	ppb-TOC	17000	U	16000	U	17000	U	2000				16000	U	18000	U	17000	U	16000	U
Anthracene	120-12-7	ppb-TOC	15000		600		4600		6500				6200		8800		8100		11000	
Atrazine	1912-24-9	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
Benzaldehyde	100-52-7	ppb-TOC	1700		16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	44000		17000		14000		20000				15000		22000		13000		28000	
Benzo(a)pyrene	50-32-8	ppb-TOC	56000		22000		18000		26000				22000		30000		17000		40000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	65000		32000		17000		25000				24000		41000		14000		43000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	17000		6700		4600		9700				7000		16000		6700		10000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	48000		22000		17000		24000				19000		29000		18000		33000	
Biphenyl	92-52-4	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	2000	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	89000		130000		43000		47000				66000		88000		40000		150000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	2100		3500		2400		1800				2600		3000		2200		3700	
Caprolactam	105-60-2	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
Carbazole	86-74-8	ppb-TOC	2600		16000	U	17000	U	14000	U			16000	U	2000		1900		2300	
Chrysene	218-01-9	ppb-TOC	56000		21000		18000		25000				21000		29000		17000		37000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	5200		2000		17000	U	3600				2100		18000	U	17000	U	3000	
Dibenzofuran	132-64-9	ppb-TOC	1900		16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	2300	
Diethyl phthalate	84-66-2	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
Dimethylphthalate	131-11-3	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC					17000	U	14000	U			16000	U	3100		17000	U	2400	
Fluoranthene	206-44-0	ppb-TOC	77000		38000		21000		32000				28000		46000		22000		46000	
Fluorene	86-73-7	ppb-TOC	3100		1000	U	1500		1500		3200		1700		1800		1500		2500	
Hexachlorobenzene	118-74-1	ppb-TOC	480	U	16000	U	330	U	280	U	390	U	300	U	350	U	99		290	
Hexachlorobutadiene	87-68-3	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED106		NB02SED107		NB02SED108		NB02SED109		NB02SED110		NB02SED111		NB02SED112		NB02SED113		NB02SED114	
		Sample Name	NB02SED106B-01		NB02SED107B-01		NB02SED108A-01		NB02SED109B-01		NB02SED110D-01		NB02SED111F-01		NB02SED112A-01		NB02SED113B-01		NB02SED114C-01	
		Date Collected	11/15/2007		11/6/2007		10/31/2007		11/29/2007		12/11/2007		12/10/2007		11/7/2007		12/10/2007		12/11/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	17000		6300		4900		10000				7400		13000		5800		9800	
Isophorone	78-59-1	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
Naphthalene	91-20-3	ppb-TOC	5200		2300		1900		2200		3300		3800		3500		3400		6200	
Nitrobenzene	98-95-3	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
Pentachlorophenol	87-86-5	ppb-TOC	930	U	300	U	660	U	570	U	780	U	620	U	740	U	670	U	620	U
Phenanthrene	85-01-8	ppb-TOC	23000		7900		7900		9700				9500		13000		8500		19000	
Phenol	108-95-2	ppb-TOC	17000	U	16000	U	17000	U	14000	U			16000	U	18000	U	17000	U	16000	U
Pyrene	129-00-0	ppb-TOC	56000		29000		25000		30000				28000		44000		23000		62000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	440000		200000		140000		200000		0	U	170000		270000		140000		310000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	60000		15000		20000		25000		14000		27000		34000		26000		52000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	480000		210000		160000		230000		14000		200000		300000		160000		370000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED115		NB02SED116		NB02SED118		NB02SED119		NB02SED120		NB02SED121		NB901		NB901		NB901	
		Sample Name	NB02SED115E-01		NB02SED116A-01		NB02SED118B-01		NB02SED119A-01		NB02SED120B-01		NB02SED121H-01		6JMS00021		6JMS00022		6JMS00023	
		Date Collected	12/10/2007		11/9/2007		11/14/2007		11/9/2007		12/12/2007		12/12/2007		9/24/1998		9/24/1998		9/24/1998	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.7		0.7-1.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
2,4-Dichlorophenol	120-83-2	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
2,4-Dimethylphenol	105-67-9	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
2,4-Dinitrophenol	51-28-5	ppb-TOC	37000	U	38000	U	35000	U	120000	U	22000	U	21000	U						
2,4-Dinitrotoluene	121-14-2	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
2,6-Dinitrotoluene	606-20-2	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
2-Chloronaphthalene	91-58-7	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
2-Chlorophenol	95-57-8	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
2-Methylnaphthalene	91-57-6	ppb-TOC	4700		3400		1300		18000		2600		2900							
2-Methylphenol	95-48-7	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
2-Nitroaniline	88-74-4	ppb-TOC	37000	U	38000	U	35000	U	120000	U	22000	U	21000	U						
2-Nitrophenol	88-75-5	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
3-Nitroaniline	99-09-2	ppb-TOC	37000	U	38000	U	35000	U	120000	U	22000	U	21000	U						
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	37000	U	38000	U	35000	U	120000	U	22000	U	21000	U						
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
4-Chloroaniline	106-47-8	ppb-TOC	19000	U	7800		5600		60000	U	11000	U	11000	U						
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
4-Methylphenol	106-44-5	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
4-Nitroaniline	100-01-6	ppb-TOC	37000	U	38000	U	35000	U	120000	U	22000	U	21000	U						
4-Nitrophenol	100-02-7	ppb-TOC	37000	U	38000	U	35000	U	120000	U	22000	U	21000	U						
Acenaphthene	83-32-9	ppb-TOC	2000		3800		1600		52000		3300		4700		1300		2100		1600	
Acenaphthylene	208-96-8	ppb-TOC	3100		2700		2600		13000		2200		2100		3100		6800		2100	
Acetophenone	98-86-2	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
Anthracene	120-12-7	ppb-TOC	8400		13000		22000		100000		9500		7600		5600		9300		9800	
Atrazine	1912-24-9	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
Benzaldehyde	100-52-7	ppb-TOC	19000	U	4400		2200		60000	U	11000	U	11000	U						
Benzo(a)anthracene	56-55-3	ppb-TOC	23000		21000		22000		410000		40000		29000		19000		27000		25000	
Benzo(a)pyrene	50-32-8	ppb-TOC	35000		25000		24000		440000		45000		31000		31000		50000		41000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	25000		34000		28000		580000		52000		45000							
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	9700		6700		6300		150000		18000		13000		18000		34000		23000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	38000		23000		22000		520000		57000		34000							
Biphenyl	92-52-4	ppb-TOC	19000	U	19000	U	18000	U	6300		11000	U	1100		1100		2000		2700	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	110000		1300000		520000		410000		130000		92000							
Butyl benzyl phthalate	85-68-7	ppb-TOC	2800		19000	U	2500		18000		3300		3100							
Caprolactam	105-60-2	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
Carbazole	86-74-8	ppb-TOC	19000	U	2700		18000	U	77000		3800		3100							
Chrysene	218-01-9	ppb-TOC	28000		29000		28000		470000		52000		36000		24000		36000		32000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	2100		3200		1800		58000		5000		3800		4700		8200		6400	
Dibenzofuran	132-64-9	ppb-TOC	19000	U	19000	U	18000	U	33000		11000	U	2500							
Diethyl phthalate	84-66-2	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
Dimethylphthalate	131-11-3	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
Di-n-Butylphthalate	84-74-2	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	1100							
Di-n-Octylphthalate	117-84-0	ppb-TOC	19000	U	16000		56000	U	30000		11000	U	11000	U						
Fluoranthene	206-44-0	ppb-TOC	35000		70000		52000		1100000		92000		72000		29000		36000		55000	
Fluorene	86-73-7	ppb-TOC	1800		4600		1300		55000		2400		2700		1600		3000		3200	
Hexachlorobenzene	118-74-1	ppb-TOC	370	U	480	U	80		5800	U	540	U	110							
Hexachlorobutadiene	87-68-3	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NB02SED115		NB02SED116		NB02SED118		NB02SED119		NB02SED120		NB02SED121		NB901		NB901		NB901	
		Sample Name	NB02SED115E-01		NB02SED116A-01		NB02SED118B-01		NB02SED119A-01		NB02SED120B-01		NB02SED121H-01		6JMS00021		6JMS00022		6JMS00023	
		Date Collected	12/10/2007		11/9/2007		11/14/2007		11/9/2007		12/12/2007		12/12/2007		9/24/1998		9/24/1998		9/24/1998	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.7		0.7-1.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	9700		6100		5900		150000		18000		13000		19000		33000		25000	
Isophorone	78-59-1	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
Naphthalene	91-20-3	ppb-TOC	6300		3400		2000		30000		3100		3400		10000		18000		13000	
Nitrobenzene	98-95-3	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	19000	U	6700		18000	U	60000	U	11000	U	11000	U						
Pentachlorophenol	87-86-5	ppb-TOC	770	U	970	U	730	U	12000	U	1100	U	850	U						
Phenanthrene	85-01-8	ppb-TOC	14000		14000		6600		490000		31000		27000		11000		17000		13000	
Phenol	108-95-2	ppb-TOC	19000	U	19000	U	18000	U	60000	U	11000	U	11000	U						
Pyrene	129-00-0	ppb-TOC	42000		49000		32000		820000		71000		54000		38000		57000		61000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	250000		270000		220000		4700000		450000		340000							
Total LMW PAHs-SVOC	No CAS	ppb-TOC	41000		46000		38000		770000		54000		49000							
TOTAL PAHs - SVOC	No CAS	ppb-TOC	290000		300000		260000		5500000		500000		380000							

		Location ID	NB901		NB901		NB901		NB901		NB901		NB901		NB901		NBA06		NWB01	
		Sample Name	6JMS00024		6JMS00025		6JMS00026		6JMS00027		6JMS00028		6JMS00029		6JMS00030		1JMS00007		1JMS00233	
		Date Collected	9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		7/13/1999		11/13/2001	
		Depth	1.3-2.3		2.3-3.0		3.0-3.9		3.9-4.9		4.9-5.6		5.6-6.6		6.6-7.5		0.0-0.3		0.0-0.2	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC																		
2,4,6-Trichlorophenol	88-06-2	ppb-TOC																		
2,4-Dichlorophenol	120-83-2	ppb-TOC																		
2,4-Dimethylphenol	105-67-9	ppb-TOC																		
2,4-Dinitrophenol	51-28-5	ppb-TOC																		
2,4-Dinitrotoluene	121-14-2	ppb-TOC																		
2,6-Dinitrotoluene	606-20-2	ppb-TOC																		
2-Chloronaphthalene	91-58-7	ppb-TOC																		
2-Chlorophenol	95-57-8	ppb-TOC																		
2-Methylnaphthalene	91-57-6	ppb-TOC															4000		8000	
2-Methylphenol	95-48-7	ppb-TOC																		
2-Nitroaniline	88-74-4	ppb-TOC																		
2-Nitrophenol	88-75-5	ppb-TOC																		
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC																		
3-Nitroaniline	99-09-2	ppb-TOC																		
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC																		
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC																		
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC																		
4-Chloroaniline	106-47-8	ppb-TOC																		
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC																		
4-Methylphenol	106-44-5	ppb-TOC																		
4-Nitroaniline	100-01-6	ppb-TOC																		
4-Nitrophenol	100-02-7	ppb-TOC																		
Acenaphthene	83-32-9	ppb-TOC	3500		3800		4500		4900		6400		5000		7500		1400		2300	
Acenaphthylene	208-96-8	ppb-TOC	2500		3000		2300		2800		4000		3200		2000		9100		4000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	15000		16000		15000		28000		38000		26000		50000		9100		17000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	31000		33000		36000		42000		47000		34000		35000		22000		29000	
Benzo(a)pyrene	50-32-8	ppb-TOC	40000		43000		40000		42000		51000		30000		31000		40000		44000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC															27000		33000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	25000		25000		26000		26000		28000		16000		18000		22000		23000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC															27000		16000	
Biphenyl	92-52-4	ppb-TOC	3300		2800		2600		3300		3600		1800		2700		1800		2700	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC																		
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC																		
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC																		
Butyl benzyl phthalate	85-68-7	ppb-TOC																		
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC																		
Chrysene	218-01-9	ppb-TOC	42000		43000		45000		53000		64000		40000		48000		29000		36000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	6900		7300		5000		6300		7200		4400		5000		7800		6200	
Dibenzofuran	132-64-9	ppb-TOC																		
Diethyl phthalate	84-66-2	ppb-TOC																		
Dimethylphthalate	131-11-3	ppb-TOC																		
Di-n-Butylphthalate	84-74-2	ppb-TOC																		
Di-n-Octylphthalate	117-84-0	ppb-TOC																		
Fluoranthene	206-44-0	ppb-TOC	73000		68000		69000		86000		100000		72000		94000		30000		38000	
Fluorene	86-73-7	ppb-TOC	3800		5000		5700		9300		17000		10000		16000		1700		4400	
Hexachlorobenzene	118-74-1	ppb-TOC																		
Hexachlorobutadiene	87-68-3	ppb-TOC																		
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

		Location ID	NB901		NB901		NB901		NB901		NB901		NB901		NB901		NBA06		NWB01	
		Sample Name	6JMS00024		6JMS00025		6JMS00026		6JMS00027		6JMS00028		6JMS00029		6JMS00030		1JMS00007		1JMS00233	
		Date Collected	9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		9/24/1998		7/13/1999		11/13/2001	
		Depth	1.3-2.3		2.3-3.0		3.0-3.9		3.9-4.9		4.9-5.6		5.6-6.6		6.6-7.5		0.0-0.3		0.0-0.2	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC																		
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	25000		30000		29000		28000		32000		17000		19000		21000		18000	
Isophorone	78-59-1	ppb-TOC																		
Naphthalene	91-20-3	ppb-TOC	13000		16000		17000		17000		21000		15000		23000		9700		19000	
Nitrobenzene	98-95-3	ppb-TOC																		
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC																		
N-Nitrosodiphenylamine	86-30-6	ppb-TOC																		
Pentachlorophenol	87-86-5	ppb-TOC																		
Phenanthrene	85-01-8	ppb-TOC	19000		19000		22000		30000		55000		32000		50000		9700		20000	
Phenol	108-95-2	ppb-TOC																		
Pyrene	129-00-0	ppb-TOC	77000		73000		76000		88000		110000		70000		83000		46000		49000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC															270000		290000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC															45000		74000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC															320000		360000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NWB01		NWB01		NWB01		NWB01		NWB01		NWB01		NWB01A		NWB01A		NWB01A	
		Sample Name	1JMS00234		1JMS00235		1JMS00236		1JMS00237		1JMS00238		1JMS00245		1JMS00152		1JMS00153		1JMS00154	
		Date Collected	11/13/2001		11/13/2001		11/13/2001		11/13/2001		11/13/2001		11/13/2001		8/30/2000		8/30/2000		8/30/2000	
		Depth	0.3		0.3-0.7		0.7-1.3		1.3-1.6		1.6-2.6		0.0-0.3		0.0-0.3		0.3		0.3-0.7	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC																		
2,4,6-Trichlorophenol	88-06-2	ppb-TOC																		
2,4-Dichlorophenol	120-83-2	ppb-TOC																		
2,4-Dimethylphenol	105-67-9	ppb-TOC																		
2,4-Dinitrophenol	51-28-5	ppb-TOC																		
2,4-Dinitrotoluene	121-14-2	ppb-TOC																		
2,6-Dinitrotoluene	606-20-2	ppb-TOC																		
2-Chloronaphthalene	91-58-7	ppb-TOC																		
2-Chlorophenol	95-57-8	ppb-TOC																		
2-Methylnaphthalene	91-57-6	ppb-TOC	8800		9700		7100		910		140		7800		5000		3500		5600	
2-Methylphenol	95-48-7	ppb-TOC																		
2-Nitroaniline	88-74-4	ppb-TOC																		
2-Nitrophenol	88-75-5	ppb-TOC																		
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC																		
3-Nitroaniline	99-09-2	ppb-TOC																		
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC																		
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC																		
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC																		
4-Chloroaniline	106-47-8	ppb-TOC																		
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC																		
4-Methylphenol	106-44-5	ppb-TOC																		
4-Nitroaniline	100-01-6	ppb-TOC																		
4-Nitrophenol	100-02-7	ppb-TOC																		
Acenaphthene	83-32-9	ppb-TOC	2900		2700		2300		450		69		2500		1900		2300		1900	
Acenaphthylene	208-96-8	ppb-TOC	3700		7200		3300		610		69		2900		4300		3500		5200	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	12000		21000		17000		2100		140		16000		11000		7300		36000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	35000		38000		24000		3800		280		26000		22000		17000		24000	
Benzo(a)pyrene	50-32-8	ppb-TOC	50000		72000		36000		5200		480		32000		27000		23000		33000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	46000		53000		31000		4500		280		37000		37000		28000		47000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	26000		41000		21000		3300		280		20000		17000		14000		20000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	29000		31000		15000		3000		340		11000		12000		9800		15000	
Biphenyl	92-52-4	ppb-TOC	3600		3900		3300		530		210		2600		1900		1300		2300	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC																		
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC																		
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC																		
Butyl benzyl phthalate	85-68-7	ppb-TOC																		
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC																		
Chrysene	218-01-9	ppb-TOC	44000		53000		32000		4800		340		30000		21000		16000		30000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	6800		13000		5100		680		69		5100		3700		2800		4000	
Dibenzofuran	132-64-9	ppb-TOC																		
Diethyl phthalate	84-66-2	ppb-TOC																		
Dimethylphthalate	131-11-3	ppb-TOC																		
Di-n-Butylphthalate	84-74-2	ppb-TOC																		
Di-n-Octylphthalate	117-84-0	ppb-TOC																		
Fluoranthene	206-44-0	ppb-TOC	32000		34000		38000		6900		620		36000		33000		1200		31000	
Fluorene	86-73-7	ppb-TOC	4700		5300		3600		610		140		3700		2800		2000		4700	
Hexachlorobenzene	118-74-1	ppb-TOC																		
Hexachlorobutadiene	87-68-3	ppb-TOC																		
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NWB01		NWB01		NWB01		NWB01		NWB01		NWB01		NWB01A		NWB01A		NWB01A	
		Sample Name	1JMS00234		1JMS00235		1JMS00236		1JMS00237		1JMS00238		1JMS00245		1JMS00152		1JMS00153		1JMS00154	
		Date Collected	11/13/2001		11/13/2001		11/13/2001		11/13/2001		11/13/2001		11/13/2001		8/30/2000		8/30/2000		8/30/2000	
		Depth	0.3		0.3-0.7		0.7-1.3		1.3-1.6		1.6-2.6		0.0-0.3		0.0-0.3		0.3		0.3-0.7	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC																		
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	21000		32000		15000		2400		210		17000		18000		15000		21000	
Isophorone	78-59-1	ppb-TOC																		
Naphthalene	91-20-3	ppb-TOC	23000		26000		17000		3000		900		18000		12000		8000		13000	
Nitrobenzene	98-95-3	ppb-TOC																		
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC																		
N-Nitrosodiphenylamine	86-30-6	ppb-TOC																		
Pentachlorophenol	87-86-5	ppb-TOC																		
Phenanthrene	85-01-8	ppb-TOC	18000		22000		15000		2300		210		17000		16000		11000		24000	
Phenol	108-95-2	ppb-TOC																		
Pyrene	129-00-0	ppb-TOC	67000		92000		49000		9800		760		39000		40000		33000		47000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	360000		460000		270000		45000		3400		250000		230000		160000		270000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	73000		92000		65000		9800		1400		65000		53000		38000		90000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	430000		530000		330000		55000		5500		320000		280000		200000		360000	

		Location ID	NWB01A		NWB01A		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086	
		Sample Name	1JMS00155		1JMS00156		PC02SED086E-01		PC02SED086E-02		PC02SED086E-03		PC02SED086E-04		PC02SED086E-05		PC02SED086E-06		PC02SED086E-07	
		Date Collected	8/30/2000		8/30/2000		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007	
		Depth	0.7-1.6		1.6-2.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	2800		1300	
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	11000	U
2,4,5-Trichlorophenol	95-95-4	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	11000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	11000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	11000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	11000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC					19000	U	20000	U	14000	U	31000	U	120000	U	47000	U	20000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
2-Chloronaphthalene	91-58-7	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
2-Chlorophenol	95-57-8	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	11000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	2800		1300		960	U	820		1800		2900		18000		2500		2900	
2-Methylphenol	95-48-7	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	11000	U
2-Nitroaniline	88-74-4	ppb-TOC					19000	U	20000	U	14000	U	31000	U	120000	U	47000	U	40000	U
2-Nitrophenol	88-75-5	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	11000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
3-Nitroaniline	99-09-2	ppb-TOC					19000	U	20000	U	14000	U	31000	U	120000	U	47000	U	40000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC					19000	U	20000	U	14000	U	31000	U	120000	U	47000	U	20000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	11000	U
4-Chloroaniline	106-47-8	ppb-TOC					9900	U	10000	U	7000	U	1600		63000	U	24000	U	21000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
4-Methylphenol	106-44-5	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	11000	U
4-Nitroaniline	100-01-6	ppb-TOC					19000	U	20000	U	14000	U	31000	U	120000	U	47000	U	40000	U
4-Nitrophenol	100-02-7	ppb-TOC					19000	U	20000	U	14000	U	31000	U	120000	U	47000	U	20000	U
Acenaphthene	83-32-9	ppb-TOC	890		530		610		240		550		1000		10000		11000		6300	
Acenaphthylene	208-96-8	ppb-TOC	2200		900		1000		700		1800		2300		1200		470	U	2300	
Acetophenone	98-86-2	ppb-TOC					5700		10000	U	1400		16000	U	63000	U	24000	U	11000	U
Anthracene	120-12-7	ppb-TOC	10000		4900		3600		2000		4900		12000		23000		84000		37000	
Atrazine	1912-24-9	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
Benzaldehyde	100-52-7	ppb-TOC					1700		10000	U	7000	U	16000	U	63000	U	24000	U	11000	U
Benzo(a)anthracene	56-55-3	ppb-TOC	13000		6500		12000		19000		14000		36000		28000		26000		37000	
Benzo(a)pyrene	50-32-8	ppb-TOC	15000		9400		18000		24000		18000		33000		27000		17000		15000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	20000		12000		29000		40000		24000		48000		36000		24000		25000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	9300		5300		7300		8200		7900		13000		4200		3300		9800	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	6900		3400		19000		26000		21000		40000		27000		15000		12000	
Biphenyl	92-52-4	ppb-TOC	1600		1600		9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	1300	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC					59000		120000		180000		570000		700000		240000		45000	
Butyl benzyl phthalate	85-68-7	ppb-TOC					2100		3000		7000	U	16000	U	63000	U	24000	U	21000	U
Caprolactam	105-60-2	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
Carbazole	86-74-8	ppb-TOC					980		1700		940		16000	U	63000	U	24000	U	21000	U
Chrysene	218-01-9	ppb-TOC	12000		5300		18000		26000		19000		36000		45000		35000		37000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	1900		820		2100		1700		2200		3600		63000	U	24000	U	3700	
Dibenzofuran	132-64-9	ppb-TOC					9900	U	1000		7000	U	16000	U	63000	U	24000	U	2600	
Diethyl phthalate	84-66-2	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
Dimethylphthalate	131-11-3	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC					9900	U	10000	U	7000	U	16000	U	19000		24000	U	21000	U
Fluoranthene	206-44-0	ppb-TOC	26000		14000		31000		54000		40000		130000		92000		84000		150000	
Fluorene	86-73-7	ppb-TOC	1800		490		730		300		820		1000		15000		5300		4000	
Hexachlorobenzene	118-74-1	ppb-TOC					110		46		72		120		350		5400		3200	
Hexachlorobutadiene	87-68-3	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC							10000	U	18000	U	95000	U			40000	U		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	NWB01A		NWB01A		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086	
		Sample Name	1JMS00155		1JMS00156		PC02SED086E-01		PC02SED086E-02		PC02SED086E-03		PC02SED086E-04		PC02SED086E-05		PC02SED086E-06		PC02SED086E-07	
		Date Collected	8/30/2000		8/30/2000		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007	
		Depth	0.7-1.6		1.6-2.3		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	9300		5300		6300		7400		7000		11000		7300		5400		8700	
Isophorone	78-59-1	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
Naphthalene	91-20-3	ppb-TOC	6500		3500		1600		860		1600		1600		3900		2500		4700	
Nitrobenzene	98-95-3	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	21000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC					9900	U	10000	U	7000	U	16000	U	31000		58000		20000	
Pentachlorophenol	87-86-5	ppb-TOC					380	U	400	U	460	U	1100	U	1000	U	950	U	2600	U
Phenanthrene	85-01-8	ppb-TOC	9700		2900		7800		9000		5700		8600		39000		9300		6900	
Phenol	108-95-2	ppb-TOC					9900	U	10000	U	7000	U	16000	U	63000	U	24000	U	11000	U
Pyrene	129-00-0	ppb-TOC	28000		14000		31000		44000		37000		78000		73000		90000		130000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	140000		78000		170000		260000		190000		430000		340000		300000		420000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	34000		15000		15000		14000		18000		29000		110000		110000		63000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	180000		90000		190000		260000		210000		450000		450000		410000		500000	

		Location ID	PC02SED086		PR0001SDM		PR0002SDM		PR001		PR0013SDM		PR00SD13		PRA04		SD001-200		SD001-RF1	
		Sample Name	PC02SED086E-08		PR0001SDM		PR0002SDM		6JMS00011		PR0013SDM		PR00SD13		1JMS00006		SD001-200-000005-203		SD001-RF1-000005-6	
		Date Collected	11/28/2007		5/23/2000		5/24/2000		9/24/1998		5/23/2000		8/1/2000		7/13/1999		11/25/2003		7/13/2005	
		Depth	9.5-10.5		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	10000	U																
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC			21000	U	25000	U			2500		190000	U			2900	U		
1,2-Dichlorobenzene	95-50-1	ppb-TOC			21000	U	25000	U			19000	U	190000	U			29000	U		
1,3-Dichlorobenzene	541-73-1	ppb-TOC			21000	U	25000	U			19000	U	190000	U			29000	U		
1,4-Dichlorobenzene	106-46-7	ppb-TOC			2600		25000	U			2800		190000	U			29000	U		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	10000	U													29000	U		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	10000	U																
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
2,4-Dichlorophenol	120-83-2	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
2,4-Dimethylphenol	105-67-9	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
2,4-Dinitrophenol	51-28-5	ppb-TOC	20000	U	120000	U	150000	U			120000	U	1100000	U			120000	U		
2,4-Dinitrotoluene	121-14-2	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			5800	U		
2,6-Dinitrotoluene	606-20-2	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			5800	U		
2-Chloronaphthalene	91-58-7	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
2-Chlorophenol	95-57-8	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
2-Methylnaphthalene	91-57-6	ppb-TOC	1900		18000		15000				13000		14000		4700		2100		2800	
2-Methylphenol	95-48-7	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
2-Nitroaniline	88-74-4	ppb-TOC	20000	U	21000	U	25000	U			19000	U	190000	U			58000	U		
2-Nitrophenol	88-75-5	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	10000	U	42000	U	51000	U			39000	U	380000	U			58000	U		
3-Nitroaniline	99-09-2	ppb-TOC	20000	U	21000	U	25000	U			19000	U	190000	U			58000	U		
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	20000	U	51000	U	63000	U			48000	U	480000	U			120000	U		
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			53			
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
4-Chloroaniline	106-47-8	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
4-Methylphenol	106-44-5	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
4-Nitroaniline	100-01-6	ppb-TOC	20000	U	21000	U	25000	U			19000	U	190000	U			58000	U		
4-Nitrophenol	100-02-7	ppb-TOC	20000	U	51000	U	63000	U			48000	U	480000	U			120000	U		
Acenaphthene	83-32-9	ppb-TOC	38000		5800		4600		7400		11000		14000		2800		2000		10000	
Acenaphthylene	208-96-8	ppb-TOC	1600		16000		15000		3100		16000		26000		6100		9100		28000	
Acetophenone	98-86-2	ppb-TOC	10000	U																
Anthracene	120-12-7	ppb-TOC	15000		27000		27000		22000		32000		60000		14000		18000		46000	
Atrazine	1912-24-9	ppb-TOC	10000	U																
Benzaldehyde	100-52-7	ppb-TOC	10000	U																
Benzo(a)anthracene	56-55-3	ppb-TOC	26000		80000		77000		97000		74000		130000		32000		44000		160000	
Benzo(a)pyrene	50-32-8	ppb-TOC	16000		76000		84000		120000		70000		140000		50000		36000		160000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	17000		120000		130000				110000		230000		36000		32000		130000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	3500		55000		58000		71000		48000		88000		33000		23000		83000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	22000		50000		41000				46000		71000		47000		33000		120000	
Biphenyl	92-52-4	ppb-TOC	10000	U	2800		3000		2600		3100		5000		1600				740	
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			2900	U		
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	10000	U	290000		180000				370000		570000				120000			
Butyl benzyl phthalate	85-68-7	ppb-TOC	10000	U	6000		25000	U			7800		190000	U			29000	U		
Caprolactam	105-60-2	ppb-TOC	10000	U																
Carbazole	86-74-8	ppb-TOC	10000	U	4700		25000	U			5700		190000	U			910			
Chrysene	218-01-9	ppb-TOC	28000		83000		80000		120000		79000		150000		43000		45000		160000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	4300		19000		19000		18000		17000		26000		6100		9100		22000	
Dibenzofuran	132-64-9	ppb-TOC	1800		2200		25000	U			6000		190000	U			1600		3300	
Diethyl phthalate	84-66-2	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
Dimethylphthalate	131-11-3	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
Di-n-Butylphthalate	84-74-2	ppb-TOC	10000	U	6000		25000	U			6700		190000	U			29000	U		
Di-n-Octylphthalate	117-84-0	ppb-TOC	10000	U	11000		25000	U			17000		190000	U			29000	U		
Fluoranthene	206-44-0	ppb-TOC	140000		170000		130000		190000		180000		240000		61000		71000		210000	
Fluorene	86-73-7	ppb-TOC	4000		8500		7300		9700		12000		14000		3300		29000	U	5200	
Hexachlorobenzene	118-74-1	ppb-TOC	660	U	21000	U	25000	U			19000	U	190000	U			2900	U		
Hexachlorobutadiene	87-68-3	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			5800	U		
Hexachlorocyclopentadiene	77-47-4	ppb-TOC			42000	U	51000	U			39000	U	380000	U			29000	U		

		Location ID	PC02SED086		PR0001SDM		PR0002SDM		PR001		PR0013SDM		PR00SD13		PRA04		SD001-200		SD001-RF1	
		Sample Name	PC02SED086E-08		PR0001SDM		PR0002SDM		6JMS00011		PR0013SDM		PR00SD13		1JMS00006		SD001-200-000005-203		SD001-RF1-000005-6	
		Date Collected	11/28/2007		5/23/2000		5/24/2000		9/24/1998		5/23/2000		8/1/2000		7/13/1999		11/25/2003		7/13/2005	
		Depth	9.5-10.5		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5		0.0-0.5		0.0-0.3		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			2900	U		
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	2900		67000		65000		77000		57000		100000		31000		21000		89000	
Isophorone	78-59-1	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
Naphthalene	91-20-3	ppb-TOC	3800		36000		25000		18000		23000		25000		13000		13000		20000	
Nitrobenzene	98-95-3	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			2900	U		
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			2900	U		
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	5500		21000	U	25000	U			19000	U	190000	U			29000	U		
Pentachlorophenol	87-86-5	ppb-TOC	1400	U	51000	U	63000	U			48000	U	480000	U			120000	U		
Phenanthrene	85-01-8	ppb-TOC	4600		50000		44000		83000		59000		110000		25000		18000		46000	
Phenol	108-95-2	ppb-TOC	10000	U	21000	U	25000	U			19000	U	190000	U			29000	U		
Pyrene	129-00-0	ppb-TOC	66000		150000		150000		190000		160000		220000		65000		120000		240000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	320000		480000		330000				600000		1200000		400000		440000		1400000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	69000		77000		51000				120000		160000		68000		62000		160000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	400000		560000		390000				730000		1400000		470000		490000		1500000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	SD002-14H		SD002-890		SD003-550		SD003-RF1		SD003-RF2		SD003-RF3		SD004-200		SD004-200		SD004-200	
		Sample Name	SD002-14H-GRB005-11		SD002-890-GRB005-11		SD003-550-GRB005-11		SD003-RF1-GRB005-11		SD003-RF2-GRB005-11		SD003-RF3-GRB005-11		SD004-200-000005-203		SD004-200-015020-203		SD004-200-035040-203	
		Date Collected	4/22/2006		4/21/2006		4/21/2006		4/21/2006		4/21/2006		4/22/2006		11/22/2003		11/22/2003		11/22/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC													17000	U	35000	U	2800	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC													170000	U	350000	U	28000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC													170000	U	350000	U	28000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC													170000	U	350000	U	28000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC													170000	U	350000	U	28000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC													170000	U	350000	U	28000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC													170000	U	350000	U	28000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC													170000	U	350000	U	28000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC													170000	U	350000	U	28000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC													660000	U	1400000	U	110000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC													33000	U	70000	U	5600	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC													33000	U	70000	U	5600	U
2-Chloronaphthalene	91-58-7	ppb-TOC													170000	U	350000	U	28000	U
2-Chlorophenol	95-57-8	ppb-TOC													170000	U	350000	U	28000	U
2-Methylnaphthalene	91-57-6	ppb-TOC			9700				80000		1900		3600		170000	U	350000	U	26000	
2-Methylphenol	95-48-7	ppb-TOC													170000	U	350000	U	28000	U
2-Nitroaniline	88-74-4	ppb-TOC													330000	U	700000	U	56000	U
2-Nitrophenol	88-75-5	ppb-TOC													170000	U	350000	U	28000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC													330000	U	700000	U	56000	U
3-Nitroaniline	99-09-2	ppb-TOC													330000	U	700000	U	56000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC													660000	U	1400000	U	110000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC													170000	U	13		28000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC													170000	U	350000	U	28000	U
4-Chloroaniline	106-47-8	ppb-TOC													170000	U	350000	U	28000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC													170000	U	350000	U	28000	U
4-Methylphenol	106-44-5	ppb-TOC													170000	U	350000	U	1300	
4-Nitroaniline	100-01-6	ppb-TOC													330000	U	700000	U	56000	U
4-Nitrophenol	100-02-7	ppb-TOC													660000	U	1400000	U	110000	U
Acenaphthene	83-32-9	ppb-TOC	44000		66000		21000		1600000		2700		6200		16000		350000	U	97000	
Acenaphthylene	208-96-8	ppb-TOC	130000		13000		30000		150000		3500		9600		15000		350000	U	19000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	200000		120000		68000		2300000		8000		24000		34000		18000		170000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	630000		140000		140000		1300000		29000		62000		95000		82000		180000	
Benzo(a)pyrene	50-32-8	ppb-TOC	650000		110000		130000		790000		33000		62000		87000		48000		91000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	510000		97000		87000		550000		33000		54000		58000		38000		83000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	360000		55000		74000		280000		22000		33000		54000		29000		52000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	490000		85000		100000		520000		29000		45000		91000		42000		83000	
Biphenyl	92-52-4	ppb-TOC			1100				41000		940		1200							
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC													170000	U	350000	U	28000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC													17000	U	35000	U	2800	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC													170000		2800000		28000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC													170000	U	350000	U	28000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC													170000	U	350000	U	7900	
Chrysene	218-01-9	ppb-TOC	610000		140000		130000		1300000		41000		62000		110000		82000		200000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	130000		15000		21000		89000		5100		9000		17000	U	35000	U	16000	
Dibenzofuran	132-64-9	ppb-TOC			34000				380000		1400		2800		4600		350000	U	40000	
Diethyl phthalate	84-66-2	ppb-TOC													170000	U	350000	U	28000	U
Dimethylphthalate	131-11-3	ppb-TOC													170000	U	350000	U	28000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC													170000	U	350000	U	28000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC													170000	U	350000	U	28000	U
Fluoranthene	206-44-0	ppb-TOC	1100000		400000		260000		3200000		67000		100000		120000		130000		360000	
Fluorene	86-73-7	ppb-TOC	290000	U	38000		21000		1200000		2500		3700		170000	U	350000	U	87000	
Hexachlorobenzene	118-74-1	ppb-TOC													17000	U	35000	U	2800	U
Hexachlorobutadiene	87-68-3	ppb-TOC													33000	U	70000	U	5600	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC													170000	U	350000	U	28000	U

		Location ID	SD002-14H		SD002-890		SD003-550		SD003-RF1		SD003-RF2		SD003-RF3		SD004-200		SD004-200		SD004-200	
		Sample Name	SD002-14H-GRB005-11		SD002-890-GRB005-11		SD003-550-GRB005-11		SD003-RF1-GRB005-11		SD003-RF2-GRB005-11		SD003-RF3-GRB005-11		SD004-200-000005-203		SD004-200-015020-203		SD004-200-035040-203	
		Date Collected	4/22/2006		4/21/2006		4/21/2006		4/21/2006		4/21/2006		4/22/2006		11/22/2003		11/22/2003		11/22/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC													17000	U	35000	U	2800	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	330000		61000		64000		340000		25000		37000		50000		22000		46000	
Isophorone	78-59-1	ppb-TOC													170000	U	350000	U	28000	U
Naphthalene	91-20-3	ppb-TOC	40000		100000		150000	U	650000		3300		13000		40000		350000	U	140000	
Nitrobenzene	98-95-3	ppb-TOC													17000	U	35000	U	2800	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC													17000	U	35000	U	2800	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC													170000	U	350000	U	28000	U
Pentachlorophenol	87-86-5	ppb-TOC													660000	U	1400000	U	110000	U
Phenanthrene	85-01-8	ppb-TOC	200000		91000		130000		5400000		27000		28000		58000		15000		360000	
Phenol	108-95-2	ppb-TOC													170000	U	350000	U	28000	U
Pyrene	129-00-0	ppb-TOC	970000		300000		230000		2900000		59000		100000		240000		170000		440000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	5800000		1400000		1200000		11000000		350000		560000		910000		640000		1600000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC			440000				12000000		49000		90000		160000		34000		910000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC			1800000				22000000		390000		680000		1100000		670000		2400000	

		Location ID	SD009-025		SD009-450		SD00A-005		SD00A-025		SD00A-025		SD00A-050		SD00A-050		SD00A-050		SD00A-100	
		Sample Name	SD009-025-GRB005-11		SD009-450-GRB005-11		SD00A-005-000005-203		SD00A-025-000005-203		SD0DA-025-000005-203		SD00A-050-000005-203		SD00A-050-015020-203		SD00A-050-035040-203		SD00A-100-000005-203	
		Date Collected	4/12/2006		4/20/2006		12/1/2003		11/23/2003		11/23/2003		11/23/2003		11/23/2003		11/23/2003		11/24/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC					1900		3100	U	2500	U	4900	U	1200	U	2000	U	920	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC					1500		31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC					1300		31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC					4200		3500		4400		4900		1500		20000	U	480	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
2,4-Dichlorophenol	120-83-2	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
2,4-Dimethylphenol	105-67-9	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
2,4-Dinitrophenol	51-28-5	ppb-TOC					110000	U	120000	U	100000	U	190000	U	49000	U	79000	U	37000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC					5600	U	6200	U	5000	U	9800	U	2600	U	3900	U	1900	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC					5600	U	6200	U	5000	U	9800	U	2600	U	3900	U	1900	U
2-Chloronaphthalene	91-58-7	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
2-Chlorophenol	95-57-8	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
2-Methylnaphthalene	91-57-6	ppb-TOC					3900		3100		2300		3900		2200		11000		1300	
2-Methylphenol	95-48-7	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
2-Nitroaniline	88-74-4	ppb-TOC					56000	U	62000	U	50000	U	98000	U	26000	U	39000	U	19000	U
2-Nitrophenol	88-75-5	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC					56000	U	62000	U	50000	U	98000	U	26000	U	39000	U	19000	U
3-Nitroaniline	99-09-2	ppb-TOC					56000	U	62000	U	50000	U	98000	U	26000	U	39000	U	19000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC					110000	U	120000	U	100000	U	190000	U	49000	U	79000	U	37000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC					4		15		25000	U	9.7		22		20000	U	9200	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
4-Chloroaniline	106-47-8	ppb-TOC					22000		13000		16000		8200		3200		20000	U	9200	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
4-Methylphenol	106-44-5	ppb-TOC					4600		3800		2800		2700		2900		2100		550	
4-Nitroaniline	100-01-6	ppb-TOC					56000	U	62000	U	50000	U	98000	U	26000	U	39000	U	19000	U
4-Nitrophenol	100-02-7	ppb-TOC					110000	U	120000	U	100000	U	190000	U	49000	U	79000	U	37000	U
Acenaphthene	83-32-9	ppb-TOC	110000	U	23000		3600		4100		2800		2700		7500		24000		7700	
Acenaphthylene	208-96-8	ppb-TOC	110000	U	25000		9700		7300		10000		11000		6700		12000		6800	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	110000	U	69000		16000		15000		9600		15000		19000		39000		19000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	16000		120000		47000		45000		38000		49000		32000		51000		51000	
Benzo(a)pyrene	50-32-8	ppb-TOC	17000		120000		41000		40000		37000		45000		35000		33000		31000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	14000		91000		37000		33000		29000		39000		32000		22000		27000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	110000	U	72000		13000		37000		34000		28000		26000		27000		7300	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	17000		97000		45000		34000		34000		39000		29000		30000		37000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC					6900		3100	U	2500	U	4900	U	1200	U	2000	U	920	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC					470000		420000		390000		740000		320000		9400		81000	
Butyl benzyl phthalate	85-68-7	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC					3300		3600		3900		1900		1800		1700		1200	
Chrysene	218-01-9	ppb-TOC	17000		120000		55000		56000		43000		57000		41000		60000		56000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	110000	U	23000		2800	U	10000		11000		14000		7500		8200		3900	
Dibenzofuran	132-64-9	ppb-TOC					3400		2800		1900		2300		1800		6900		1600	
Diethyl phthalate	84-66-2	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
Dimethylphthalate	131-11-3	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
Di-n-Butylphthalate	84-74-2	ppb-TOC					8000		31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
Di-n-Octylphthalate	117-84-0	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
Fluoranthene	206-44-0	ppb-TOC	32000		230000		63000		56000		41000		78000		56000		88000		85000	
Fluorene	86-73-7	ppb-TOC	110000	U	21000		5000		4600		25000	U	3500		2900		21000		2000	
Hexachlorobenzene	118-74-1	ppb-TOC					2800	U	3100	U	2500	U	4900	U	1200	U	2000	U	920	U
Hexachlorobutadiene	87-68-3	ppb-TOC					5600	U	6200	U	5000	U	9800	U	2600	U	3900	U	1900	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	SD009-025		SD009-450		SD00A-005		SD00A-025		SD00A-025		SD00A-050		SD00A-050		SD00A-050		SD00A-100	
		Sample Name	SD009-025-GRB005-11		SD009-450-GRB005-11		SD00A-005-000005-203		SD00A-025-000005-203		SD0DA-025-000005-203		SD00A-050-000005-203		SD00A-050-015020-203		SD00A-050-035040-203		SD00A-100-000005-203	
		Date Collected	4/12/2006		4/20/2006		12/1/2003		11/23/2003		11/23/2003		11/23/2003		11/23/2003		11/23/2003		11/24/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC					2800	U	3100	U	2500	U	4900	U	1200	U	2000	U	920	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	110000	U	63000		14000		30000		28000		23000		21000		23000		8300	
Isophorone	78-59-1	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
Naphthalene	91-20-3	ppb-TOC	110000	U	18000		9100		7300		6900		13000		7800		33000		5600	
Nitrobenzene	98-95-3	ppb-TOC					8600		3100	U	2500	U	4900	U	1200	U	2000	U	920	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC					2800	U	3100	U	2500	U	4900	U	1200	U	2000	U	920	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC					28000	U	31000	U	25000	U	49000	U	5600		20000	U	9200	U
Pentachlorophenol	87-86-5	ppb-TOC					110000	U	120000	U	100000	U	190000	U	49000	U	79000	U	37000	U
Phenanthrene	85-01-8	ppb-TOC	14000		120000		41000		39000		21000		16000		9600		88000		12000	
Phenol	108-95-2	ppb-TOC					28000	U	31000	U	25000	U	49000	U	12000	U	20000	U	9200	U
Pyrene	129-00-0	ppb-TOC	30000		180000		120000		130000		110000		110000		77000		160000		120000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	140000		1100000		430000		470000		400000		490000		350000		510000		430000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC					86000		79000		55000		66000		56000		230000		55000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC					530000		550000		450000		530000		410000		730000		480000	

		Location ID	SD00A-200		SD00B-005		SD00B-025		SD00B-025		SD00B-025		SD00B-025		SD00B-048		SD00B-050		SD00B-050	
		Sample Name	SD00A-200-000005-203		SD00B-005-000005-203		SD00B-025-000005-203		SD00B-025-015020-203		SD00B-025-035040-203		SD0DB-025-000005-203		SD00B-048-GRB005-11		SD00B-050-000005-203		SD0DB-050-000005-203	
		Date Collected	12/1/2003		12/1/2003		12/1/2003		12/1/2003		12/1/2003		11/25/2003		4/12/2006		11/23/2003		11/23/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	2000	U	1600		3700	U	3400	U	2000	U	4000	U			2500	U	1700	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	1200		2400		2900		34000	U	20000	U	40000	U			25000	U	1600	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	83000	U	190000	U	150000	U	140000	U	78000	U	160000	U			98000	U	67000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	4100	U	9700	U	7400	U	6800	U	3900	U	8000	U			4900	U	3400	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	4100	U	9700	U	7400	U	6800	U	3900	U	8000	U			4900	U	3400	U
2-Chloronaphthalene	91-58-7	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
2-Chlorophenol	95-57-8	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	3200		2500		7000		13000		28000		2300				9400		5600	
2-Methylphenol	95-48-7	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
2-Nitroaniline	88-74-4	ppb-TOC	41000	U	97000	U	74000	U	68000	U	39000	U	80000	U			49000	U	34000	U
2-Nitrophenol	88-75-5	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	41000	U	97000	U	74000	U	68000	U	39000	U	80000	U			49000	U	34000	U
3-Nitroaniline	99-09-2	ppb-TOC	41000	U	97000	U	74000	U	68000	U	39000	U	80000	U			49000	U	34000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	83000	U	190000	U	150000	U	140000	U	78000	U	160000	U			98000	U	67000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	3.1		12		37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
4-Chloroaniline	106-47-8	ppb-TOC	20000	U	48000	U	6700		34000	U	20000	U	5100				25000	U	3300	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
4-Methylphenol	106-44-5	ppb-TOC	2400		1200		17000		34000	U	1900		40000	U			3900		3300	
4-Nitroaniline	100-01-6	ppb-TOC	41000	U	97000	U	74000	U	68000	U	39000	U	80000	U			49000	U	34000	U
4-Nitrophenol	100-02-7	ppb-TOC	83000	U	190000	U	150000	U	140000	U	78000	U	160000	U			98000	U	67000	U
Acenaphthene	83-32-9	ppb-TOC	21000		4000		2500		45000		39000		1700		260000	U	5800		2900	
Acenaphthylene	208-96-8	ppb-TOC	12000		10000		13000		34000		31000		6400		260000	U	18000		10000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	40000		12000		17000		130000		82000		9100		30000		35000		14000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	65000		30000		65000		210000		120000		30000		94000		170000		48000	
Benzo(a)pyrene	50-32-8	ppb-TOC	47000		24000		56000		150000		85000		30000		89000		80000		36000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	37000		22000		52000		110000		49000		24000		76000		80000		24000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	16000		8000		34000		75000		52000		20000		56000		45000		29000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	59000		33000		48000		140000		72000		29000		74000		71000		33000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	2000	U	4800	U	3700	U	3400	U	2000	U	4000	U			2500	U	1700	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	20000		93000		300000		34000	U	20000	U	260000				71000		100000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			7100		17000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	1700		1300		1800		3800		4900		1600				2400		2500	
Chrysene	218-01-9	ppb-TOC	77000		50000		73000		230000		130000		38000		100000		200000		52000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	2000	U	3300		12000		23000		16000		7100		260000	U	16000		10000	
Dibenzofuran	132-64-9	ppb-TOC	7900		2400		2600		13000		13000		1600				5400		3300	
Diethyl phthalate	84-66-2	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	20000				25000	U	17000	U
Dimethylphthalate	131-11-3	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
Fluoranthene	206-44-0	ppb-TOC	120000		29000		92000		290000		170000		30000		170000		200000		63000	
Fluorene	86-73-7	ppb-TOC	7200		4400		2500		41000		39000		40000	U	260000	U	5400		4100	
Hexachlorobenzene	118-74-1	ppb-TOC	2000	U	4800	U	3700	U	3400	U	2000	U	4000	U			2500	U	1700	U
Hexachlorobutadiene	87-68-3	ppb-TOC	4100	U	9700	U	7400	U	6800	U	3900	U	8000	U			4900	U	3400	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U

		Location ID	SD00A-200		SD00B-005		SD00B-025		SD00B-025		SD00B-025		SD00B-025		SD00B-048		SD00B-050		SD00B-050	
		Sample Name	SD00A-200-000005-203		SD00B-005-000005-203		SD00B-025-000005-203		SD00B-025-015020-203		SD00B-025-035040-203		SD0DB-025-000005-203		SD00B-048-GRB005-11		SD00B-050-000005-203		SD0DB-050-000005-203	
		Date Collected	12/1/2003		12/1/2003		12/1/2003		12/1/2003		12/1/2003		11/25/2003		4/12/2006		11/23/2003		11/23/2003	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	2000	U	4800	U	3700	U	3400	U	2000	U	4000	U			2500	U	1700	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	16000		8600		31000		72000		42000		18000		48000		42000		23000	
Isophorone	78-59-1	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
Naphthalene	91-20-3	ppb-TOC	21000		4800		32000		110000		330000		8500		31000		94000		44000	
Nitrobenzene	98-95-3	ppb-TOC	3300		4800	U	3700	U	3400	U	2000	U	4000	U			2500	U	1700	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	2000	U	4800	U	3700	U	3400	U	2000	U	4000	U			2500	U	1700	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
Pentachlorophenol	87-86-5	ppb-TOC	83000	U	190000	U	150000	U	140000	U	78000	U	160000	U			98000	U	67000	U
Phenanthrene	85-01-8	ppb-TOC	27000		17000		15000		230000		190000		13000		71000		19000		13000	
Phenol	108-95-2	ppb-TOC	20000	U	48000	U	37000	U	34000	U	20000	U	40000	U			25000	U	17000	U
Pyrene	129-00-0	ppb-TOC	120000		110000		190000		380000		310000		92000		170000		380000		170000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	560000		310000		660000		1700000		1000000		320000		880000		1300000		480000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	130000		54000		92000		620000		720000		41000				190000		96000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	690000		370000		740000		2300000		1800000		360000				1500000		590000	

		Location ID	SD00B-100		SD00B-100		SD00B-200		SD00C-005		SD00C-005		SD00C-005		SD00C-025		SD00C-050		SD00C-100	
		Sample Name	SD00B-100-000005-203		SD00B-100-015020-203		SD00B-200-000005-203		SD00C-005-000005-203		SD00C-005-015020-203		SD00C-005-035040-203		SD00C-025-000005-203		SD00C-050-000005-203		SD00C-100-000005-203	
		Date Collected	11/22/2003		11/22/2003		11/22/2003		11/20/2003		11/20/2003		11/20/2003		11/19/2003		11/19/2003		11/21/2003	
		Depth	0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	3800	U	12000	U	11000	U	1600		2300	U	2200	U	3600		1300		2100	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	38000	U	120000	U	110000	U	640		23000	U	22000	U	510		570		21000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	38000	U	120000	U	110000	U	700		23000	U	22000	U	740		740		21000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	1400		120000	U	2300		2600		23000	U	1300		2300		2700		750	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	150000	U	490000	U	420000	U	96000	U	92000	U	88000	U	86000	U	79000	U	87000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	7500	U	25000	U	22000	U	4600	U	4500	U	4500	U	4300	U	4000	U	4300	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	7500	U	25000	U	22000	U	4600	U	4500	U	4500	U	4300	U	4000	U	4300	U
2-Chloronaphthalene	91-58-7	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
2-Chlorophenol	95-57-8	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	6400		120000	U	12000		1800		23000	U	820		1500		2200		870	
2-Methylphenol	95-48-7	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
2-Nitroaniline	88-74-4	ppb-TOC	75000	U	250000	U	220000	U	46000	U	45000	U	45000	U	43000	U	40000	U	43000	U
2-Nitrophenol	88-75-5	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	75000	U	250000	U	220000	U	46000	U	45000	U	45000	U	43000	U	40000	U	43000	U
3-Nitroaniline	99-09-2	ppb-TOC	75000	U	250000	U	220000	U	46000	U	45000	U	45000	U	43000	U	40000	U	43000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	150000	U	490000	U	420000	U	96000	U	92000	U	88000	U	86000	U	79000	U	87000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	38000	U	120000	U	110000	U	10		22		21		18		11		5.8	
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
4-Chloroaniline	106-47-8	ppb-TOC	2800		120000	U	110000	U	1200		23000	U	2500		1200		1300		1700	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
4-Methylphenol	106-44-5	ppb-TOC	6300		120000	U	2300		1200		23000	U	22000	U	960		1100		21000	U
4-Nitroaniline	100-01-6	ppb-TOC	75000	U	250000	U	220000	U	46000	U	45000	U	45000	U	43000	U	40000	U	43000	U
4-Nitrophenol	100-02-7	ppb-TOC	150000	U	490000	U	420000	U	96000	U	92000	U	88000	U	86000	U	79000	U	87000	U
Acenaphthene	83-32-9	ppb-TOC	3800		120000	U	20000		2100		660		1600		2200		4700		1500	
Acenaphthylene	208-96-8	ppb-TOC	15000		120000	U	42000		8700		2100		3700		7100		12000		7500	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	16000		120000	U	50000		11000		2900		6400		7600		20000		9500	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	63000		43000		190000		38000		7900		17000		30000		84000		29000	
Benzo(a)pyrene	50-32-8	ppb-TOC	58000		12000	U	150000		23000		8400		17000		19000		35000		25000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	39000		12000	U	100000		20000		8200		17000		15000		30000		19000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	42000		120000	U	72000		7200		2500		5300		7900		12000		8300	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	56000		12000	U	150000		25000		9800		22000		18000		37000		25000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	3800	U	12000	U	11000	U	2400	U	2300	U	2200	U	2200	U	2000	U	2100	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	280000		120000	U	69000		100000		34000		110000		79000		79000		40000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	1900		120000	U	2300		1200		550		880		1000		1800		830	
Chrysene	218-01-9	ppb-TOC	76000		49000		220000		52000		10000		24000		38000		130000		35000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	13000		12000	U	11000	U	2400		2300	U	2200	U	2500		4200		3600	
Dibenzofuran	132-64-9	ppb-TOC	3700		120000	U	9800		1400		23000	U	800		1600		2000		750	
Diethyl phthalate	84-66-2	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
Dimethylphthalate	131-11-3	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
Fluoranthene	206-44-0	ppb-TOC	56000		52000		210000		43000		12000		26000		28000		52000		31000	
Fluorene	86-73-7	ppb-TOC	4800		120000	U	9800		1700		23000	U	1800		1700		3000		1300	
Hexachlorobenzene	118-74-1	ppb-TOC	3800	U	12000	U	11000	U	2400	U	2300	U	2200	U	2200	U	2000	U	2100	U
Hexachlorobutadiene	87-68-3	ppb-TOC	7500	U	25000	U	22000	U	4600	U	4500	U	4500	U	4300	U	4000	U	4300	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	SD00B-100		SD00B-100		SD00B-200		SD00C-005		SD00C-005		SD00C-005		SD00C-025		SD00C-050		SD00C-100	
		Sample Name	SD00B-100-000005-203		SD00B-100-015020-203		SD00B-200-000005-203		SD00C-005-000005-203		SD00C-005-015020-203		SD00C-005-035040-203		SD00C-025-000005-203		SD00C-050-000005-203		SD00C-100-000005-203	
		Date Collected	11/22/2003		11/22/2003		11/22/2003		11/20/2003		11/20/2003		11/20/2003		11/19/2003		11/19/2003		11/21/2003	
		Depth	0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	3800	U	12000	U	11000	U	2400	U	2300	U	2200	U	2200	U	2000	U	2100	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	37000		12000	U	66000		7200		2600		5600		7100		12000		9100	
Isophorone	78-59-1	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
Naphthalene	91-20-3	ppb-TOC	61000		120000	U	82000		5500		23000	U	2000		5300		8400		4700	
Nitrobenzene	98-95-3	ppb-TOC	3800	U	12000	U	11000	U	2400	U	2300	U	2200	U	2200	U	650		2100	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	3800	U	12000	U	11000	U	2400	U	2300	U	2200	U	2200	U	2000	U	2100	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
Pentachlorophenol	87-86-5	ppb-TOC	150000	U	490000	U	420000	U	96000	U	92000	U	88000	U	86000	U	79000	U	87000	U
Phenanthrene	85-01-8	ppb-TOC	15000		120000	U	53000		9300		3200		8500		11000		18000		9500	
Phenol	108-95-2	ppb-TOC	38000	U	120000	U	110000	U	24000	U	23000	U	22000	U	22000	U	20000	U	21000	U
Pyrene	129-00-0	ppb-TOC	200000		86000		400000		84000		17000		34000		63000		130000		63000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	640000		230000		1600000		290000		79000		170000		230000		520000		250000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	130000		120000	U	270000		41000		9000		25000		38000		67000		35000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	760000		230000		1800000		350000		87000		190000		250000		600000		280000	

		Location ID	SD00C-100		SD00C-200		SD00D-150		SD00K-015		SD00L-080		SD00L-400		SD010-050		SD010-10H		SD011-152	
		Sample Name	SD0DC-100-000005-203		SD00C-200-000005-203		SD00D-150-000005-6		SD00K-015-000005-6		SD00L-080-GRB005-11		SD00L-400-GRB005-11		SD010-050-GRB005-11		SD010-10H-GRB005-11		SD011-152-GRB005-11	
		Date Collected	11/21/2003		11/21/2003		7/13/2005		7/12/2005		4/12/2006		4/12/2006		4/12/2006		4/22/2006		4/20/2006	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	2000	U	6900	U														
1,2-Dichlorobenzene	95-50-1	ppb-TOC	20000	U	69000	U														
1,3-Dichlorobenzene	541-73-1	ppb-TOC	20000	U	69000	U														
1,4-Dichlorobenzene	106-46-7	ppb-TOC	1300		3600															
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	20000	U	69000	U														
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	20000	U	69000	U														
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	20000	U	69000	U														
2,4-Dichlorophenol	120-83-2	ppb-TOC	20000	U	69000	U														
2,4-Dimethylphenol	105-67-9	ppb-TOC	20000	U	69000	U														
2,4-Dinitrophenol	51-28-5	ppb-TOC	79000	U	280000	U														
2,4-Dinitrotoluene	121-14-2	ppb-TOC	4100	U	14000	U														
2,6-Dinitrotoluene	606-20-2	ppb-TOC	4100	U	14000	U														
2-Chloronaphthalene	91-58-7	ppb-TOC	20000	U	69000	U														
2-Chlorophenol	95-57-8	ppb-TOC	20000	U	69000	U														
2-Methylnaphthalene	91-57-6	ppb-TOC	1700		4100		2600		450		1100									
2-Methylphenol	95-48-7	ppb-TOC	20000	U	69000	U														
2-Nitroaniline	88-74-4	ppb-TOC	41000	U	140000	U														
2-Nitrophenol	88-75-5	ppb-TOC	20000	U	69000	U														
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	41000	U	140000	U														
3-Nitroaniline	99-09-2	ppb-TOC	41000	U	140000	U														
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	79000	U	280000	U														
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	11		12															
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	20000	U	69000	U														
4-Chloroaniline	106-47-8	ppb-TOC	2000		2000															
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	20000	U	69000	U														
4-Methylphenol	106-44-5	ppb-TOC	450		69000	U														
4-Nitroaniline	100-01-6	ppb-TOC	41000	U	140000	U														
4-Nitrophenol	100-02-7	ppb-TOC	79000	U	280000	U														
Acenaphthene	83-32-9	ppb-TOC	3100		8200		2600		3800		2000		120000	U	280000	U	650000	U	82000	U
Acenaphthylene	208-96-8	ppb-TOC	13000		31000		4700		510		1200		120000	U	280000	U	180000		82000	U
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	22000		77000		13000		5200		5100		120000	U	280000	U	250000		19000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	120000		140000		38000		17000		19000		23000		50000		920000		32000	
Benzo(a)pyrene	50-32-8	ppb-TOC	53000		100000		42000		18000		19000		26000		69000		850000		30000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	53000		79000		38000		16000		20000		25000		61000		690000		27000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	15000		41000		26000		13000		14000		20000		44000		510000		17000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	68000		100000		28000		14000		17000		24000		52000		670000		24000	
Biphenyl	92-52-4	ppb-TOC					780		28	U	470									
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	20000	U	69000	U														
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	2000	U	6900	U														
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	60000		93000															
Butyl benzyl phthalate	85-68-7	ppb-TOC	20000	U	69000	U														
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	1400		3400															
Chrysene	218-01-9	ppb-TOC	150000		180000		42000		19000		24000		29000		61000		880000		36000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	7500		18000		6600		2700		3500		120000	U	280000	U	160000		82000	U
Dibenzofuran	132-64-9	ppb-TOC	1700		3400		1700		1200		1100									
Diethyl phthalate	84-66-2	ppb-TOC	20000	U	69000	U														
Dimethylphthalate	131-11-3	ppb-TOC	20000	U	69000	U														
Di-n-Butylphthalate	84-74-2	ppb-TOC	20000	U	69000	U														
Di-n-Octylphthalate	117-84-0	ppb-TOC	20000	U	69000	U														
Fluoranthene	206-44-0	ppb-TOC	260000		130000		73000		38000		46000		37000		83000		1600000		85000	
Fluorene	86-73-7	ppb-TOC	2900		5700		2400		2100		2000		120000	U	280000	U	650000	U	82000	U
Hexachlorobenzene	118-74-1	ppb-TOC	2000	U	6900	U														
Hexachlorobutadiene	87-68-3	ppb-TOC	4100	U	14000	U														
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	20000	U	69000	U														

		Location ID	SD00C-100		SD00C-200		SD00D-150		SD00K-015		SD00L-080		SD00L-400		SD010-050		SD010-10H		SD011-152	
		Sample Name	SD0DC-100-000005-203		SD00C-200-000005-203		SD00D-150-000005-6		SD00K-015-000005-6		SD00L-080-GRB005-11		SD00L-400-GRB005-11		SD010-050-GRB005-11		SD010-10H-GRB005-11		SD011-152-GRB005-11	
		Date Collected	11/21/2003		11/21/2003		7/13/2005		7/12/2005		4/12/2006		4/12/2006		4/12/2006		4/22/2006		4/20/2006	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	2000	U	6900	U														
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	16000		41000		26000		13000		14000		16000		45000		440000		15000	
Isophorone	78-59-1	ppb-TOC	20000	U	69000	U														
Naphthalene	91-20-3	ppb-TOC	6800		18000		6600		1600		2300		120000	U	280000	U	97000		82000	U
Nitrobenzene	98-95-3	ppb-TOC	2000	U	6900	U														
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	2000	U	6900	U														
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	20000	U	69000	U														
Pentachlorophenol	87-86-5	ppb-TOC	79000	U	280000	U														
Phenanthrene	85-01-8	ppb-TOC	18000		39000		21000		23000		20000		17000		39000		390000		22000	
Phenol	108-95-2	ppb-TOC	20000	U	69000	U														
Pyrene	129-00-0	ppb-TOC	370000		230000		75000		36000		41000		40000		98000		1400000		59000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	1100000		1100000		400000		180000		220000		240000		540000		8100000		330000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	68000		180000		52000		36000		34000									
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1200000		1200000		450000		230000		250000									

Table B-8
TOC-Normalized Semivolatiles

		Location ID	SD012-100		SD014-200		SD014-500		SD01W-040		SD01W-040		SD01W-100		SD01W-100		SD01W-170		SD01W-170	
		Sample Name	SD012-100-GRB005-11		SD014-200-GRB005-11		SD014-500-GRB005-11		SD01W-040-000005-11		SD01W-040-005010-11		SD01W-100-000005-11		SD01W-100-005010-11		SD01W-170-000005-11		SD01W-170-005010-11	
		Date Collected	4/12/2006		4/12/2006		4/12/2006		4/20/2006		4/20/2006		4/24/2006		4/24/2006		4/18/2006		4/18/2006	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC																		
2,4,6-Trichlorophenol	88-06-2	ppb-TOC																		
2,4-Dichlorophenol	120-83-2	ppb-TOC																		
2,4-Dimethylphenol	105-67-9	ppb-TOC																		
2,4-Dinitrophenol	51-28-5	ppb-TOC																		
2,4-Dinitrotoluene	121-14-2	ppb-TOC																		
2,6-Dinitrotoluene	606-20-2	ppb-TOC																		
2-Chloronaphthalene	91-58-7	ppb-TOC																		
2-Chlorophenol	95-57-8	ppb-TOC																		
2-Methylnaphthalene	91-57-6	ppb-TOC			4600		3300		3700				3200							
2-Methylphenol	95-48-7	ppb-TOC																		
2-Nitroaniline	88-74-4	ppb-TOC																		
2-Nitrophenol	88-75-5	ppb-TOC																		
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC																		
3-Nitroaniline	99-09-2	ppb-TOC																		
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC																		
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC																		
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC																		
4-Chloroaniline	106-47-8	ppb-TOC																		
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC																		
4-Methylphenol	106-44-5	ppb-TOC																		
4-Nitroaniline	100-01-6	ppb-TOC																		
4-Nitrophenol	100-02-7	ppb-TOC																		
Acenaphthene	83-32-9	ppb-TOC	260000	U	4900		2900		2800		170000	U	5600		120000	U	18000		15000	
Acenaphthylene	208-96-8	ppb-TOC	260000	U	5900		9700		5400		170000	U	6700		15000		28000		23000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	260000	U	19000		14000		12000		170000	U	24000		28000		80000		38000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	26000		77000		42000		30000		34000		53000		79000		130000		110000	
Benzo(a)pyrene	50-32-8	ppb-TOC	33000		86000		60000		39000		41000		53000		89000		130000		110000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	26000		93000		51000		36000		29000		46000		69000		110000		91000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	260000	U	56000		33000		23000		25000		28000		56000		76000		64000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	29000		71000		44000		31000		31000		39000		59000		83000		86000	
Biphenyl	92-52-4	ppb-TOC			2000		1200		1100				980							
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC																		
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC																		
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC																		
Butyl benzyl phthalate	85-68-7	ppb-TOC																		
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC																		
Chrysene	218-01-9	ppb-TOC	29000		96000		53000		39000		41000		56000		86000		130000		110000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	260000	U	15000		9900		6300		170000	U	6900		20000		28000		21000	
Dibenzofuran	132-64-9	ppb-TOC			4000		2600		2600				3000							
Diethyl phthalate	84-66-2	ppb-TOC																		
Dimethylphthalate	131-11-3	ppb-TOC																		
Di-n-Butylphthalate	84-74-2	ppb-TOC																		
Di-n-Octylphthalate	117-84-0	ppb-TOC																		
Fluoranthene	206-44-0	ppb-TOC	45000		180000		68000		31000		45000		110000		160000		280000		240000	
Fluorene	86-73-7	ppb-TOC	260000	U	7100		2700		2600		170000	U	4300		120000	U	19000		130000	U
Hexachlorobenzene	118-74-1	ppb-TOC																		
Hexachlorobutadiene	87-68-3	ppb-TOC																		
Hexachlorocyclopentadiene	77-47-4	ppb-TOC																		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	SD012-100		SD014-200		SD014-500		SD01W-040		SD01W-040		SD01W-100		SD01W-100		SD01W-170		SD01W-170	
		Sample Name	SD012-100-GRB005-11		SD014-200-GRB005-11		SD014-500-GRB005-11		SD01W-040-000005-11		SD01W-040-005010-11		SD01W-100-000005-11		SD01W-100-005010-11		SD01W-170-000005-11		SD01W-170-005010-11	
		Date Collected	4/12/2006		4/12/2006		4/12/2006		4/20/2006		4/20/2006		4/24/2006		4/24/2006		4/18/2006		4/18/2006	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC																		
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	260000	U	62000		36000		26000		23000		32000		50000		73000		59000	
Isophorone	78-59-1	ppb-TOC																		
Naphthalene	91-20-3	ppb-TOC	260000	U	9600		13000		14000		170000	U	13000		120000	U	22000		19000	
Nitrobenzene	98-95-3	ppb-TOC																		
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC																		
N-Nitrosodiphenylamine	86-30-6	ppb-TOC																		
Pentachlorophenol	87-86-5	ppb-TOC																		
Phenanthrene	85-01-8	ppb-TOC	260000	U	59000		18000		18000		170000	U	31000		50000		89000		54000	
Phenol	108-95-2	ppb-TOC																		
Pyrene	129-00-0	ppb-TOC	50000		160000		71000		75000		56000		94000		140000		190000		170000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	240000		900000		470000		330000		320000		510000		790000		1200000		1100000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC			110000		64000		59000				89000							
TOTAL PAHs - SVOC	No CAS	ppb-TOC			1000000		530000		390000				590000							

		Location ID	SD01W-250		SD01W-250		SD02E-025		SD02E-060		SD02E-075		SD02E-075		SD02E-075		SD02E-075		SD02E-160	
		Sample Name	SD01W-250-000005-11		SD01W-250-005010-11		SD02E-025-000005-203		SD02E-060-GRB005-11		SD02E-075-000005-103		SD02E-075-000005-203		SD02E-075-015020-203		SD02E-075-035040-203		SD02E-160-000005-11	
		Date Collected	4/19/2006		4/19/2006		11/21/2003		4/12/2006		10/16/2003		11/20/2003		11/20/2003		11/20/2003		4/20/2006	
		Depth	0.0-0.5		0.5-1.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC					1100				1900		1600		950		950			
1,2-Dichlorobenzene	95-50-1	ppb-TOC					22000	U			690		520		830		500			
1,3-Dichlorobenzene	541-73-1	ppb-TOC					22000	U			690		730		1100		730			
1,4-Dichlorobenzene	106-46-7	ppb-TOC					2300				2600		2600		3400		2800			
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
2,4,6-Trichlorophenol	88-06-2	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
2,4-Dichlorophenol	120-83-2	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
2,4-Dimethylphenol	105-67-9	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
2,4-Dinitrophenol	51-28-5	ppb-TOC					88000	U			94000	U	97000	U	92000	U	70000	U		
2,4-Dinitrotoluene	121-14-2	ppb-TOC					4600	U			4600	U	4900	U	4600	U	3500	U		
2,6-Dinitrotoluene	606-20-2	ppb-TOC					4600	U			4600	U	4900	U	4600	U	3500	U		
2-Chloronaphthalene	91-58-7	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
2-Chlorophenol	95-57-8	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
2-Methylnaphthalene	91-57-6	ppb-TOC					1500		2300		2800		1900		1800		2300			
2-Methylphenol	95-48-7	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
2-Nitroaniline	88-74-4	ppb-TOC					46000	U			46000	U	49000	U	46000	U	35000	U		
2-Nitrophenol	88-75-5	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC					46000	U			46000	U	49000	U	46000	U	35000	U		
3-Nitroaniline	99-09-2	ppb-TOC					46000	U			46000	U	49000	U	46000	U	35000	U		
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC					88000	U			94000	U	97000	U	92000	U	70000	U		
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC					20				7.1		9.7		22		15			
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
4-Chloroaniline	106-47-8	ppb-TOC					5100				1900		1200		2400		2500			
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
4-Methylphenol	106-44-5	ppb-TOC					600				3400		1200		1100		1100			
4-Nitroaniline	100-01-6	ppb-TOC					46000	U			46000	U	49000	U	46000	U	35000	U		
4-Nitrophenol	100-02-7	ppb-TOC					88000	U			94000	U	97000	U	92000	U	70000	U		
Acenaphthene	83-32-9	ppb-TOC	140000	U	180000	U	1500		3600		5100		1800		2800		3300		240000	U
Acenaphthylene	208-96-8	ppb-TOC	21000		47000		6800		7800		8600		8200		8600		9800		240000	U
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	71000		73000		7400		14000		25000		11000		13000		11000		27000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	99000		210000		21000		44000		31000		33000		37000		40000		80000	
Benzo(a)pyrene	50-32-8	ppb-TOC	97000		210000		22000		49000		31000		19000		21000		25000		92000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	77000		170000		19000		41000		28000		15000		16000		22000		71000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	56000		110000		6800		26000		13000		8500		6900		7300		59000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	82000		150000		26000		35000		37000		20000		22000		28000		66000	
Biphenyl	92-52-4	ppb-TOC							680											
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC					2200	U			2400	U	2400	U	2300	U	1800	U		
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC					130000				37000		82000		100000		180000			
Butyl benzyl phthalate	85-68-7	ppb-TOC					22000	U			21000		24000	U	23000	U	18000	U		
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC					1000				5400		1200		1100		1200			
Chrysene	218-01-9	ppb-TOC	110000		210000		26000		48000		37000		36000		46000		50000		83000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	16000		38000		2800		7300		5400		2900		2600		2400		240000	U
Dibenzofuran	132-64-9	ppb-TOC					1300		2300		3100		1300		1400		1700			
Diethyl phthalate	84-66-2	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
Dimethylphthalate	131-11-3	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
Di-n-Butylphthalate	84-74-2	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
Di-n-Octylphthalate	117-84-0	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
Fluoranthene	206-44-0	ppb-TOC	200000		390000		20000		68000		86000		33000		37000		40000		110000	
Fluorene	86-73-7	ppb-TOC	140000	U	180000	U	1600		3600		5400		1600		2300		2200		240000	U
Hexachlorobenzene	118-74-1	ppb-TOC					2200	U			2400	U	2400	U	2300	U	1800	U		
Hexachlorobutadiene	87-68-3	ppb-TOC					4600	U			4600	U	4900	U	4600	U	3500	U		
Hexachlorocyclopentadiene	77-47-4	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	SD01W-250		SD01W-250		SD02E-025		SD02E-060		SD02E-075		SD02E-075		SD02E-075		SD02E-075		SD02E-160	
		Sample Name	SD01W-250-000005-11		SD01W-250-005010-11		SD02E-025-000005-203		SD02E-060-GRB005-11		SD02E-075-000005-103		SD02E-075-000005-203		SD02E-075-015020-203		SD02E-075-035040-203		SD02E-160-000005-11	
		Date Collected	4/19/2006		4/19/2006		11/21/2003		4/12/2006		10/16/2003		11/20/2003		11/20/2003		11/20/2003		4/20/2006	
		Depth	0.0-0.5		0.5-1.0		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC					2200	U			2400	U	2400	U	2300	U	1800	U		
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	48000		100000		6600		30000		12000		7600		6600		7500		50000	
Isophorone	78-59-1	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
Naphthalene	91-20-3	ppb-TOC	16000		31000		5100		11000		6900		6100		4900		7500		240000	U
Nitrobenzene	98-95-3	ppb-TOC					2200	U			2400	U	2400	U	2300	U	2000			
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC					2200	U			2400	U	2400	U	2300	U	1800	U		
N-Nitrosodiphenylamine	86-30-6	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
Pentachlorophenol	87-86-5	ppb-TOC					88000	U			94000	U	97000	U	92000	U	70000	U		
Phenanthrene	85-01-8	ppb-TOC	59000		82000		7400		22000		40000		9400		12000		11000		29000	
Phenol	108-95-2	ppb-TOC					22000	U			24000	U	24000	U	23000	U	18000	U		
Pyrene	129-00-0	ppb-TOC	150000		310000		68000		68000		63000		64000		69000		100000		130000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	940000		1900000		220000		420000		340000		240000		260000		330000		740000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC					31000		63000		94000		40000		46000		48000			
TOTAL PAHs - SVOC	No CAS	ppb-TOC					250000		480000		430000		280000		320000		380000			

		Location ID	SD02E-160		SD02W-200		SD03E-025		SD03E-025		SD03E-042		SD03E-075		SD03E-075		SD03W-200		SD0DB-100	
		Sample Name	SD02E-160-005010-11		SD02W-200-035040-203		SD03E-025-000005-203		SD03E-025-015020-203		SD03E-042-GRB005-11		SD03E-075-000005-203		SD03E-075-015020-203		SD03W-200-000005-203		SD0DB-100-000005-203	
		Date Collected	4/20/2006		12/2/2003		11/16/2003		11/16/2003		4/12/2006		11/17/2003		11/17/2003		11/24/2003		11/22/2003	
		Depth	0.5-1.0		3.4-3.9		0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC			9100	U	2600	U	2200	U			2100	U	10000	U	3900	U	5000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	4200	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC			360000	U	100000	U	89000	U			84000	U	400000	U	160000	U	200000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC			18000	U	5100	U	4500	U			4200	U	20000	U	7900	U	10000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC			18000	U	5100	U	4500	U			4200	U	20000	U	7900	U	10000	U
2-Chloronaphthalene	91-58-7	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
2-Chlorophenol	95-57-8	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
2-Methylnaphthalene	91-57-6	ppb-TOC			91000	U	5200		11000		6600		21000		14000		1200		7600	
2-Methylphenol	95-48-7	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
2-Nitroaniline	88-74-4	ppb-TOC			180000	U	51000	U	45000	U			42000	U	200000	U	79000	U	100000	U
2-Nitrophenol	88-75-5	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC			180000	U	51000	U	45000	U			42000	U	200000	U	79000	U	100000	U
3-Nitroaniline	99-09-2	ppb-TOC			180000	U	51000	U	45000	U			42000	U	200000	U	79000	U	100000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC			360000	U	100000	U	89000	U			84000	U	400000	U	160000	U	200000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
4-Chloroaniline	106-47-8	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
4-Methylphenol	106-44-5	ppb-TOC			91000	U	2800		1000				3200		3000		39000	U	5400	
4-Nitroaniline	100-01-6	ppb-TOC			180000	U	51000	U	45000	U			42000	U	200000	U	79000	U	100000	U
4-Nitrophenol	100-02-7	ppb-TOC			360000	U	100000	U	89000	U			84000	U	400000	U	160000	U	200000	U
Acenaphthene	83-32-9	ppb-TOC	170000	U	91000	U	7300		35000		20000		29000		35000		920		5200	
Acenaphthylene	208-96-8	ppb-TOC	170000	U	91000	U	30000		11000		10000		25000		25000		16000		16000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	170000	U	91000	U	39000		64000		47000		71000		90000		8000		19000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	31000		9100	U	110000		64000		85000		91000		87000		46000		69000	
Benzo(a)pyrene	50-32-8	ppb-TOC	40000		9100	U	88000		41000		53000		65000		62000		39000		63000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	32000		9100	U	62000		35000		47000		45000		32000		21000		47000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	26000		91000	U	29000		11000		21000		19000		30000		20000		45000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	29000		9100	U	83000		45000		34000		62000		50000		30000		57000	
Biphenyl	92-52-4	ppb-TOC									1300									
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC			9100	U	2600	U	2200	U			2100	U	10000	U	3900	U	5000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC			23000		9800		22000	U			21000	U	100000	U	8800		150000	
Butyl benzyl phthalate	85-68-7	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC			91000	U	1500		1900				3000		100000	U	39000	U	2500	
Chrysene	218-01-9	ppb-TOC	34000		91000	U	130000		70000		100000		110000		100000		43000		81000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	170000	U	9100	U	8300		3500		7500		6800		14000		6100		16000	
Dibenzofuran	132-64-9	ppb-TOC			91000	U	5100		9600		7500		8400		7200		39000	U	3800	
Diethyl phthalate	84-66-2	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
Dimethylphthalate	131-11-3	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
Fluoranthene	206-44-0	ppb-TOC	48000		91000	U	220000		130000		210000		190000		170000		25000		77000	
Fluorene	86-73-7	ppb-TOC	170000	U	91000	U	6200		31000		8200		26000		17000		39000	U	5600	
Hexachlorobenzene	118-74-1	ppb-TOC			9100	U	2600	U	2200	U			2100	U	10000	U	3900	U	5000	U
Hexachlorobutadiene	87-68-3	ppb-TOC			18000	U	5100	U	4500	U			4200	U	20000	U	7900	U	10000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U

		Location ID	SD02E-160		SD02W-200		SD03E-025		SD03E-025		SD03E-042		SD03E-075		SD03E-075		SD03W-200		SD0DB-100	
		Sample Name	SD02E-160-005010-11		SD02W-200-035040-203		SD03E-025-000005-203		SD03E-025-015020-203		SD03E-042-GRB005-11		SD03E-075-000005-203		SD03E-075-015020-203		SD03W-200-000005-203		SD0DB-100-000005-203	
		Date Collected	4/20/2006		12/2/2003		11/16/2003		11/16/2003		4/12/2006		11/17/2003		11/17/2003		11/24/2003		11/22/2003	
		Depth	0.5-1.0		3.4-3.9		0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5		1.4-2.0		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC			9100	U	2600	U	2200	U			2100	U	10000	U	3900	U	5000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	21000		9100	U	30000		11000		26000		20000		25000		17000		39000	
Isophorone	78-59-1	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
Naphthalene	91-20-3	ppb-TOC	170000	U	91000	U	48000		28000		47000		110000		77000		1900		46000	
Nitrobenzene	98-95-3	ppb-TOC			9100	U	2600	U	2200	U			2100	U	10000	U	3900	U	5000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC			9100	U	2600	U	2200	U			2100	U	10000	U	3900	U	5000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC			91000	U	3800		22000	U			3600		11000		39000	U	50000	U
Pentachlorophenol	87-86-5	ppb-TOC			360000	U	100000	U	89000	U			84000	U	400000	U	160000	U	200000	U
Phenanthrene	85-01-8	ppb-TOC	170000	U	91000	U	30000		140000		41000		140000		140000		2600		19000	
Phenol	108-95-2	ppb-TOC			91000	U	26000	U	22000	U			21000	U	100000	U	39000	U	50000	U
Pyrene	129-00-0	ppb-TOC	61000		91000	U	230000		170000		190000		190000		210000		120000		210000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	320000		91000	U	980000		570000		780000		810000		800000		370000		700000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC			91000	U	170000		320000		180000		420000		400000		30000		120000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC			91000	U	1100000		890000		940000		1200000		1200000		400000		820000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	SD0JN-000		SD0JS-400		SD0KE-050		SD13E-005		SD13E-005		SD13E-005		SD13E-050		SD13E-050		SD13E-060	
		Sample Name	SD0JN-000-GRB005-11		SD0JS-400-GRB005-11		SD0KE-050-GRB005-11		SD13E-005-000005-203		SD13E-005-015020-203		SD13E-005-035040-203		SD13E-050-000005-203		SD13E-050-000005-6		SD13E-060-GRB005-11	
		Date Collected	4/22/2006		4/22/2006		4/12/2006		11/17/2003		11/17/2003		11/17/2003		11/17/2003		7/18/2005		4/12/2006	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC							460		1500	U	2900	U	4000	U				
1,2-Dichlorobenzene	95-50-1	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
1,3-Dichlorobenzene	541-73-1	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
1,4-Dichlorobenzene	106-46-7	ppb-TOC							1300		810		29000	U	40000	U				
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
2,4,6-Trichlorophenol	88-06-2	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
2,4-Dichlorophenol	120-83-2	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
2,4-Dimethylphenol	105-67-9	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
2,4-Dinitrophenol	51-28-5	ppb-TOC							73000	U	61000	U	110000	U	170000	U				
2,4-Dinitrotoluene	121-14-2	ppb-TOC							3600	U	3000	U	5600	U	8300	U				
2,6-Dinitrotoluene	606-20-2	ppb-TOC							3600	U	3000	U	5600	U	8300	U				
2-Chloronaphthalene	91-58-7	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
2-Chlorophenol	95-57-8	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
2-Methylnaphthalene	91-57-6	ppb-TOC			2700		2500		1100		2200		110000		16000		930			
2-Methylphenol	95-48-7	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
2-Nitroaniline	88-74-4	ppb-TOC							36000	U	30000	U	56000	U	83000	U				
2-Nitrophenol	88-75-5	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC							36000	U	30000	U	56000	U	83000	U				
3-Nitroaniline	99-09-2	ppb-TOC							36000	U	30000	U	56000	U	83000	U				
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC							73000	U	61000	U	110000	U	170000	U				
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC							4.7		15000	U	29000	U	40000	U				
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
4-Chloroaniline	106-47-8	ppb-TOC							3400		15000	U	29000	U	40000	U				
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
4-Methylphenol	106-44-5	ppb-TOC							800		1500		1900		40000	U				
4-Nitroaniline	100-01-6	ppb-TOC							36000	U	30000	U	56000	U	83000	U				
4-Nitrophenol	100-02-7	ppb-TOC							73000	U	61000	U	110000	U	170000	U				
Acenaphthene	83-32-9	ppb-TOC	190000	U	2800		13000		1400		3800		96000		400000		4900		100000	
Acenaphthylene	208-96-8	ppb-TOC	20000		6500		3100		2600		7400		16000		36000		8100		330000	U
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	30000		13000		19000		6000		23000		180000		180000		8200		160000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	87000		37000		45000		30000		45000		110000		270000		24000		270000	
Benzo(a)pyrene	50-32-8	ppb-TOC	93000		42000		46000		12000		29000		56000		120000		25000		200000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	75000		37000		45000		12000		23000		42000		98000		15000		180000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	60000		24000		30000		4400		11000		21000		43000		14000		100000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	75000		34000		32000		16000		28000		58000		130000		17000		150000	
Biphenyl	92-52-4	ppb-TOC			1200		890										260			
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC							1900	U	1500	U	2900	U	4000	U				
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC							290000		120000		29000	U	130000					
Butyl benzyl phthalate	85-68-7	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC							800		910		2700		9100					
Chrysene	218-01-9	ppb-TOC	93000		42000		50000		33000		51000		120000		330000		26000		260000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	190000	U	5900		7300		2000		4400		6700		18000		4100		330000	U
Dibenzofuran	132-64-9	ppb-TOC			1900		5100		1100		1800		20000		51000		560			
Diethyl phthalate	84-66-2	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
Dimethylphthalate	131-11-3	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
Di-n-Butylphthalate	84-74-2	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
Di-n-Octylphthalate	117-84-0	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
Fluoranthene	206-44-0	ppb-TOC	140000		62000		110000		43000		82000		270000		650000		32000		720000	
Fluorene	86-73-7	ppb-TOC	190000	U	2400		8400		1100		1900		100000		14000		860		61000	
Hexachlorobenzene	118-74-1	ppb-TOC							1900	U	1500	U	2900	U	4000	U				
Hexachlorobutadiene	87-68-3	ppb-TOC							3600	U	3000	U	5600	U	8300	U				
Hexachlorocyclopentadiene	77-47-4	ppb-TOC							19000	U	15000	U	29000	U	40000	U				

		Location ID	SD0JN-000		SD0JS-400		SD0KE-050		SD13E-005		SD13E-005		SD13E-005		SD13E-050		SD13E-050		SD13E-060	
		Sample Name	SD0JN-000-GRB005-11		SD0JS-400-GRB005-11		SD0KE-050-GRB005-11		SD13E-005-000005-203		SD13E-005-015020-203		SD13E-005-035040-203		SD13E-050-000005-203		SD13E-050-000005-6		SD13E-060-GRB005-11	
		Date Collected	4/22/2006		4/22/2006		4/12/2006		11/17/2003		11/17/2003		11/17/2003		11/17/2003		7/18/2005		4/12/2006	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC							1900	U	1500	U	2900	U	4000	U				
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	51000		27000		33000		4400		12000		22000		43000		14000		89000	
Isophorone	78-59-1	ppb-TOC							19000	U	15000	U	9300		40000	U				
Naphthalene	91-20-3	ppb-TOC	190000	U	12000		8400		2600		9400		53000		65000		3900		130000	
Nitrobenzene	98-95-3	ppb-TOC							1900	U	1300		2900	U	4000	U				
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC							1900	U	1500	U	2900	U	4000	U				
N-Nitrosodiphenylamine	86-30-6	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
Pentachlorophenol	87-86-5	ppb-TOC							73000	U	61000	U	110000	U	170000	U				
Phenanthrene	85-01-8	ppb-TOC	33000		17000		73000		5900		10000		400000		98000		4600		230000	
Phenol	108-95-2	ppb-TOC							19000	U	15000	U	29000	U	40000	U				
Pyrene	129-00-0	ppb-TOC	130000		59000		84000		100000		91000		310000		650000		39000		610000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	810000		370000		480000		260000		380000		1000000		2400000		210000		2600000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC			56000		130000		20000		58000		960000		800000		31000			
TOTAL PAHs - SVOC	No CAS	ppb-TOC			420000		630000		270000		440000		2000000		3200000		240000			

		Location ID	SD13E-100		SD13E-100		SD13E-100		SD13W-015		SDOF8-012		VT-08-01		VT-08-01		VT-08-01		VT-08-01	
		Sample Name	SD13E-100-000005-203		SD13E-100-015020-203		SD13E-100-035040-203		SD13W-015-000005-6		SDOF8-012-000005-103		HAB-01-00-05		HAB-01-05-15		HAB-01-103-115		HAB-01-115-135	
		Date Collected	11/18/2003		11/18/2003		11/18/2003		7/13/2005		12/16/2003		3/12/2008		3/12/2008		3/13/2008		3/13/2008	
		Depth	0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.5		10.3-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	8200	U	3500	U	3800	U			17000		36000	U	24000	U	70000	U	18000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	23000		4300	
1,4-Dichlorobenzene	106-46-7	ppb-TOC	82000	U	35000	U	38000	U			4500		36000	U	1600		12000		1500	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	82000	U	35000	U	38000	U			42000	U								
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	340000	U	140000	U	150000	U			170000	U	220000	U	150000	U	440000	U	110000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	17000	U	7000	U	7500	U			8300	U	36000	U	24000	U	70000	U	18000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	17000	U	7000	U	7500	U			8300	U	36000	U	24000	U	70000	U	18000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
2-Chlorophenol	95-57-8	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	13000		51000		38000	U	1600		3100		1700		2200		9800		1600	
2-Methylphenol	95-48-7	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
2-Nitroaniline	88-74-4	ppb-TOC	170000	U	70000	U	75000	U			83000	U	220000	U	150000	U	440000	U	110000	U
2-Nitrophenol	88-75-5	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	170000	U	70000	U	75000	U			83000	U	220000	U	150000	U	440000	U	110000	U
3-Nitroaniline	99-09-2	ppb-TOC	170000	U	70000	U	75000	U			83000	U	220000	U	150000	U	440000	U	110000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	340000	U	140000	U	150000	U			170000	U	220000	U	150000	U	440000	U	110000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	82000	U	35000	U	38000	U			61		36000	U	24000	U	70000	U	18000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
4-Chloroaniline	106-47-8	ppb-TOC	82000	U	35000	U	38000	U			3100		36000	U	24000	U	5100		1200	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
4-Methylphenol	106-44-5	ppb-TOC	3100		35000	U	6600				42000	U	36000	U	1500		4800		18000	U
4-Nitroaniline	100-01-6	ppb-TOC	170000	U	70000	U	75000	U			83000	U	220000	U	150000	U	440000	U	110000	U
4-Nitrophenol	100-02-7	ppb-TOC	340000	U	140000	U	150000	U			170000	U	220000	U	150000	U	440000	U	110000	U
Acenaphthene	83-32-9	ppb-TOC	82000		79000		130000		7900		6900		36000	U	1600		8000		1200	
Acenaphthylene	208-96-8	ppb-TOC	25000		41000		110000		6200		13000		2300		3300		6400		18000	U
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	160000		190000		230000		24000		25000		4600		7200		20000		3300	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	140000		230000		380000		51000		59000		18000		22000		43000		4900	
Benzo(a)pyrene	50-32-8	ppb-TOC	67000		110000		210000		40000		51000		20000		28000		41000		4100	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	46000		87000		110000		38000		36000		24000		32000		49000		5300	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	39000		21000		38000		22000		30000		17000		21000		30000		3200	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	80000		110000		160000		35000		52000		8200		13000		16000		1400	
Biphenyl	92-52-4	ppb-TOC							110	U										
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	8200	U	3500	U	3800	U			4200	U	36000	U	24000	U	70000	U	18000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	82000	U	35000	U	38000	U			440000		67000		90000		2800000		340000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	82000	U	35000	U	38000	U			42000	U	3400		2900		6600		18000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	5900		7600		3100				1800		1300		1700		4800		680	
Chrysene	218-01-9	ppb-TOC	150000		270000		470000		66000		66000		17000		27000		51000		5800	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	13000		10000		21000		5600		9300		3000		4300		7500		18000	U
Dibenzofuran	132-64-9	ppb-TOC	22000		26000		9400		2700		3300		36000	U	1300		4300		790	
Diethyl phthalate	84-66-2	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
Dimethylphthalate	131-11-3	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	1100		70000	U	1100	
Di-n-Octylphthalate	117-84-0	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	13000		2500	
Fluoranthene	206-44-0	ppb-TOC	340000		380000		350000		110000		120000		21000		27000		74000		11000	
Fluorene	86-73-7	ppb-TOC	23000		84000		38000	U	3900		4200		36000	U	2000		9000		1400	
Hexachlorobenzene	118-74-1	ppb-TOC	8200	U	3500	U	3800	U			4200	U	36000	U	24000	U	70000	U	18000	
Hexachlorobutadiene	87-68-3	ppb-TOC	17000	U	7000	U	7500	U			8300	U	36000	U	24000	U	70000	U	18000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	82000	U	35000	U	38000	U			42000	U	37000	U	25000	U	72000	U	18000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	SD13E-100		SD13E-100		SD13E-100		SD13W-015		SDOF8-012		VT-08-01		VT-08-01		VT-08-01		VT-08-01	
		Sample Name	SD13E-100-000005-203		SD13E-100-015020-203		SD13E-100-035040-203		SD13W-015-000005-6		SDOF8-012-000005-103		HAB-01-00-05		HAB-01-05-15		HAB-01-103-115		HAB-01-115-135	
		Date Collected	11/18/2003		11/18/2003		11/18/2003		7/13/2005		12/16/2003		3/12/2008		3/12/2008		3/13/2008		3/13/2008	
		Depth	0.0-0.5		1.4-2.0		3.4-3.9		0.0-0.5		0.0-0.5		0.0-0.5		0.5-1.5		10.3-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	8200	U	3500	U	3800	U			4200	U	36000	U	24000	U	7400		18000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	31000		24000		42000		22000		26000		14000		18000		25000		2800	
Isophorone	78-59-1	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
Naphthalene	91-20-3	ppb-TOC	110000		270000		26000		7200		17000		3100		3600		11000		1500	
Nitrobenzene	98-95-3	ppb-TOC	8200	U	3500	U	3800	U			4200	U	36000	U	24000	U	70000	U	18000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	8200	U	3500	U	3800	U			4200	U	36000	U	24000	U	70000	U	18000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	11000		35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
Pentachlorophenol	87-86-5	ppb-TOC	340000	U	140000	U	150000	U			170000	U	220000	U	150000	U	440000	U	110000	U
Phenanthrene	85-01-8	ppb-TOC	130000		430000		350000		24000		22000		9600		16000		39000		6800	
Phenol	108-95-2	ppb-TOC	82000	U	35000	U	38000	U			42000	U	36000	U	24000	U	70000	U	18000	U
Pyrene	129-00-0	ppb-TOC	280000		570000		660000		97000		260000		30000		37000		75000		11000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	1200000		1800000		2300000		480000		710000		170000		230000		410000		49000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	540000		1100000		850000		75000		91000		21000		36000		100000		16000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1700000		3000000		3300000		560000		800000		190000		270000		510000		63000	

		Location ID	VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-02		VT-08-02		VT-08-02	
		Sample Name	HAB-01-135-149		HAB-01-15-25		HAB-01-25-31		HAB-01-38-55		HAB-01-55-75		HAB-01-75-85		HAB-02-00-05		HAB-02-05-15		HAB-02-115-135	
		Date Collected	3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/14/2008		3/14/2008		3/14/2008	
		Depth	13.5-14.9		1.5-2.5		2.5-3.1		3.8-5.5		5.5-7.5		7.5-8.5		0.0-0.5		0.5-1.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	1500		23000	U	580		970		690		810		4200		1600		670	
1,2-Dichlorobenzene	95-50-1	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	880		1800		31000	U	920	
1,3-Dichlorobenzene	541-73-1	ppb-TOC	7000		23000	U	16000	U	17000	U	15000	U	980		3800		31000	U	830	
1,4-Dichlorobenzene	106-46-7	ppb-TOC	7800		1500		1300		1700		1600		2700		2900		2100		3200	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	22000	U	31000	U	8800	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	22000	U	30000	U	9000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	22000	U	31000	U	8800	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	22000	U	31000	U	8800	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	250000	U	140000	U	95000	U	100000	U	92000	U	98000	U	130000	U	180000	U	54000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	40000	U	23000	U	16000	U	16000	U	15000	U	16000	U	22000	U	30000	U	9000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	40000	U	23000	U	16000	U	16000	U	15000	U	16000	U	22000	U	30000	U	9000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	22000	U	30000	U	8800	U
2-Chlorophenol	95-57-8	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	22000	U	31000	U	8800	U
2-Methylnaphthalene	91-57-6	ppb-TOC	15000		1700		1700		2200		2400		4100		20000		10000		11000	
2-Methylphenol	95-48-7	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	1300		30000	U	8800	U
2-Nitroaniline	88-74-4	ppb-TOC	250000	U	140000	U	95000	U	100000	U	92000	U	98000	U	130000	U	180000	U	54000	U
2-Nitrophenol	88-75-5	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	22000	U	31000	U	8800	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	250000	U	140000	U	95000	U	100000	U	92000	U	3100		130000	U	180000	U	54000	U
3-Nitroaniline	99-09-2	ppb-TOC	250000	U	140000	U	95000	U	100000	U	92000	U	98000	U	130000	U	180000	U	54000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	250000	U	140000	U	95000	U	100000	U	92000	U	98000	U	130000	U	180000	U	54000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	22000	U	30000	U	45000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	22000	U	30000	U	8800	U
4-Chloroaniline	106-47-8	ppb-TOC	2700		1000		830		1200		3700		5400		4200		1900		8800	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	40000	U	23000	U	16000	U	16000	U	15000	U	16000	U	22000	U	30000	U	8800	U
4-Methylphenol	106-44-5	ppb-TOC	2700		1400		1800		1600		1800		4700		4200		2400		4700	
4-Nitroaniline	100-01-6	ppb-TOC	250000	U	140000	U	95000	U	100000	U	92000	U	98000	U	130000	U	180000	U	54000	U
4-Nitrophenol	100-02-7	ppb-TOC	250000	U	140000	U	95000	U	100000	U	92000	U	98000	U	130000	U	180000	U	54000	U
Acenaphthene	83-32-9	ppb-TOC	8900		1100		1000		1200		1800		2000		3000		4400		5400	
Acenaphthylene	208-96-8	ppb-TOC	3500		2900		2700		3000		3500		3000		3800		3100		5200	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	14000		5000		4900		5900		6100		6800		12000		15000		9500	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	22000		18000		18000		17000		13000		15000		22000		18000		17000	
Benzo(a)pyrene	50-32-8	ppb-TOC	17000		19000		17000		20000		15000		14000		18000		12000		15000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	22000		24000		22000		26000		18000		17000		29000		16000		18000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	11000		14000		12000		13000		8600		9100		11000		7500		9900	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	8300		7600		7100		6500		6100		5700		9600		5900		7200	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	22000	U	30000	U	8800	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	22000	U	30000	U	8800	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	1200000		98000		100000		190000		430000		780000		160000		160000		180000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	3300		4100		2700		3400		3500		4400		8800		30000	U	8800	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	3600		1300		1100		1300		1300		1200		3800		3000		3400	
Chrysene	218-01-9	ppb-TOC	25000		22000		20000		20000		17000		18000		27000		20000		23000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	40000	U	3300		2900		2900		2200		2100		2800		30000	U	3200	
Dibenzofuran	132-64-9	ppb-TOC	5600		1100		950		1100		1200		1400		3600		2900		5000	
Diethyl phthalate	84-66-2	ppb-TOC	40000	U	23000	U	16000	U	16000	U	15000	U	16000	U	1400		30000	U	8800	U
Dimethylphthalate	131-11-3	ppb-TOC	40000	U	23000	U	16000	U	16000	U	15000	U	16000	U	22000	U	30000	U	8800	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	2800		1300		1000		1800		15000	U	17000	U	3400		2100		2200	
Di-n-Octylphthalate	117-84-0	ppb-TOC	19000		23000	U	16000	U	17000	U	15000	U	2900		22000	U	5900		8100	
Fluoranthene	206-44-0	ppb-TOC	56000		26000		28000		26000		24000		30000		50000		41000		43000	
Fluorene	86-73-7	ppb-TOC	12000		1600		1500		1700		2300		3400		5700		9500		9000	
Hexachlorobenzene	118-74-1	ppb-TOC	4500		23000	U	16000	U	17000	U	15000	U	17000	U	2300		30000	U	45000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	40000	U	23000	U	16000	U	16000	U	15000	U	16000	U	22000	U	31000	U	8800	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	22000	U	31000	U	9000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-02		VT-08-02		VT-08-02	
		Sample Name	HAB-01-135-149		HAB-01-15-25		HAB-01-25-31		HAB-01-38-55		HAB-01-55-75		HAB-01-75-85		HAB-02-00-05		HAB-02-05-15		HAB-02-115-135	
		Date Collected	3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/14/2008		3/14/2008		3/14/2008	
		Depth	13.5-14.9		1.5-2.5		2.5-3.1		3.8-5.5		5.5-7.5		7.5-8.5		0.0-0.5		0.5-1.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	40000	U	23000	U	16000	U	16000	U	15000	U	16000	U	22000	U	31000	U	8800	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	11000		13000		13000		12000		9200		8800		13000		6800		9500	
Isophorone	78-59-1	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	22000	U	30000	U	8800	U
Naphthalene	91-20-3	ppb-TOC	16000		3100		3100		3700		3500		4700		12000		6400		68000	
Nitrobenzene	98-95-3	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	22000	U	30000	U	8800	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	22000	U	31000	U	8800	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	40000	U	23000	U	16000	U	16000	U	15000	U	16000	U	22000	U	30000	U	8800	U
Pentachlorophenol	87-86-5	ppb-TOC	250000	U	140000	U	95000	U	100000	U	92000	U	98000	U	130000	U	180000	U	270000	U
Phenanthrene	85-01-8	ppb-TOC	42000		8700		8900		9700		7500		13000		18000		21000		34000	
Phenol	108-95-2	ppb-TOC	40000	U	23000	U	16000	U	17000	U	15000	U	17000	U	5700		31000	U	8800	U
Pyrene	129-00-0	ppb-TOC	52000		38000		31000		34000		28000		32000		46000		43000		40000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	230000		180000		170000		180000		140000		150000		230000		170000		180000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	110000		24000		24000		27000		27000		37000		77000		68000		140000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	330000		210000		190000		210000		170000		190000		300000		240000		320000	

		Location ID	VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-03		VT-08-03	
		Sample Name	HAB-02-135-149		HAB-02-15-25		HAB-02-25-35		HAB-02-35-55		HAB-02-55-75		HAB-02-75-92		HAB-02-93-115		HAB-03-00-05		HAB-03-05-15	
		Date Collected	3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/12/2008		3/12/2008	
		Depth	13.5-14.9		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.2		9.3-11.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	13000	U	3900		4100		3100		1600		1100		12000	U	27000	U	18000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	13000	U	1300		1500		1600		1200		22000	U	12000	U	27000	U	18000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	13000	U	850		970		1100		1100		22000	U	12000	U	27000	U	18000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	2300		4600		5900		5600		4200		2100		1800		2100		1500	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	13000	U	62000	U	12000	U	64000	U	110000	U	22000	U	12000	U	27000	U	18000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	13000	U	60000	U	12000	U	62000	U	110000	U	22000	U	12000	U	27000	U	18000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	13000	U	12000	U	12000	U	12000	U	11000	U	22000	U	12000	U	27000	U	18000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	13000	U	12000	U	12000	U	12000	U	11000	U	22000	U	12000	U	27000	U	18000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	80000	U	370000	U	71000	U	390000	U	690000	U	140000	U	71000	U	160000	U	110000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	13000	U	60000	U	12000	U	62000	U	110000	U	22000	U	12000	U	27000	U	18000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	13000	U	60000	U	12000	U	62000	U	110000	U	22000	U	12000	U	27000	U	18000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	13000	U	60000	U	12000	U	62000	U	110000	U	22000	U	12000	U	27000	U	18000	U
2-Chlorophenol	95-57-8	ppb-TOC	13000	U	12000	U	12000	U	12000	U	11000	U	22000	U	12000	U	27000	U	18000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	6800		16000		13000		13000		14000		10000		9600		3000		1800	
2-Methylphenol	95-48-7	ppb-TOC	13000	U	12000	U	12000	U	12000	U	11000	U	22000	U	12000	U	27000	U	18000	U
2-Nitroaniline	88-74-4	ppb-TOC	80000	U	370000	U	71000	U	390000	U	690000	U	140000	U	71000	U	160000	U	110000	U
2-Nitrophenol	88-75-5	ppb-TOC	13000	U	12000	U	12000	U	12000	U	11000	U	22000	U	12000	U	27000	U	18000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	80000	U	8100		8100		390000	U	690000	U	140000	U	71000	U	160000	U	110000	U
3-Nitroaniline	99-09-2	ppb-TOC	80000	U	370000	U	71000	U	390000	U	690000	U	140000	U	71000	U	160000	U	110000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	80000	U	370000	U	71000	U	390000	U	690000	U	140000	U	71000	U	160000	U	110000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	68000	U	60000	U	120000	U	62000	U	110000	U	22000	U	59000	U	27000	U	18000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	13000	U	12000	U	12000	U	12000	U	11000	U	22000	U	12000	U	27000	U	18000	U
4-Chloroaniline	106-47-8	ppb-TOC	710		6800		6300		3900		6300		2900		960		3200		850	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	13000	U	60000	U	12000	U	62000	U	110000	U	22000	U	12000	U	27000	U	18000	U
4-Methylphenol	106-44-5	ppb-TOC	4300		3900		7300		5400		5000		3400		3200		1800		1900	
4-Nitroaniline	100-01-6	ppb-TOC	80000	U	370000	U	71000	U	390000	U	690000	U	140000	U	71000	U	160000	U	110000	U
4-Nitrophenol	100-02-7	ppb-TOC	80000	U	370000	U	71000	U	390000	U	690000	U	140000	U	71000	U	160000	U	110000	U
Acenaphthene	83-32-9	ppb-TOC	4000		5800		7500		6600		7900		5900		4700		2100		2100	
Acenaphthylene	208-96-8	ppb-TOC	4000		5800		7700		7300		110000	U	5400		3700		3500		2400	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	6800		33000		28000		27000		23000		19000		6600		8000		6500	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	14000		25000		26000		27000		27000		20000		13000		23000		16000	
Benzo(a)pyrene	50-32-8	ppb-TOC	12000		23000		16000		19000		19000		17000		13000		25000		15000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	14000		27000		22000		23000		25000		19000		15000		33000		20000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	7100		13000		12000		13000		18000		11000		7900		19000		11000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	5500		8700		8500		9100		8500		7300		4900		12000		6500	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	13000	U	12000	U	12000	U	12000	U	11000	U	22000	U	12000	U	27000	U	18000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	13000	U	12000	U	12000	U	12000	U	11000	U	22000	U	12000	U	27000	U	18000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	140000		210000		300000		270000		350000		270000		130000		170000		110000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	13000	U	12000	U	12000	U	62000	U	110000	U	22000	U	12000	U	2900		1900	
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	68000	U	7300		8100		8900		6300		3900		2400		1800		1200	
Chrysene	218-01-9	ppb-TOC	18000		33000		34000		33000		33000		24000		17000		24000		19000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	13000	U	3300		120000	U	62000	U	110000	U	2900		1800		4700		3000	
Dibenzofuran	132-64-9	ppb-TOC	3000		6000		6500		6400		5200		4600		3700		1900		980	
Diethyl phthalate	84-66-2	ppb-TOC	13000	U	60000	U	12000	U	62000	U	110000	U	22000	U	12000	U	27000	U	18000	U
Dimethylphthalate	131-11-3	ppb-TOC	13000	U	60000	U	12000	U	62000	U	110000	U	22000	U	12000	U	27000	U	18000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	68000	U	62000	U	120000	U	64000	U	110000	U	2100		59000	U	1600		1000	
Di-n-Octylphthalate	117-84-0	ppb-TOC	13000	U	11000		120000	U	6000		110000	U	6300		14000		27000	U	18000	U
Fluoranthene	206-44-0	ppb-TOC	28000		60000		57000		62000		63000		54000		29000		42000		33000	
Fluorene	86-73-7	ppb-TOC	5800		15000		15000		16000		14000		11000		7600		2200		1700	
Hexachlorobenzene	118-74-1	ppb-TOC	68000	U	60000	U	120000	U	62000	U	110000	U	22000	U	59000	U	27000	U	18000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	13000	U	12000	U	12000	U	12000	U	11000	U	22000	U	12000	U	27000	U	18000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	13000	U	62000	U	12000	U	64000	U	110000	U	22000	U	12000	U	27000	U	18000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-03		VT-08-03	
		Sample Name	HAB-02-135-149		HAB-02-15-25		HAB-02-25-35		HAB-02-35-55		HAB-02-55-75		HAB-02-75-92		HAB-02-93-115		HAB-03-00-05		HAB-03-05-15	
		Date Collected	3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/12/2008		3/12/2008	
		Depth	13.5-14.9		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.2		9.3-11.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	13000	U	12000	U	12000	U	12000	U	11000	U	22000	U	12000	U	27000	U	18000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	7700		13000		120000	U	12000		15000		11000		8100		17000		10000	
Isophorone	78-59-1	ppb-TOC	13000	U	12000	U	12000	U	12000	U	11000	U	22000	U	12000	U	27000	U	18000	U
Naphthalene	91-20-3	ppb-TOC	37000		12000		11000		9500		12000		7800		79000		4700		3200	
Nitrobenzene	98-95-3	ppb-TOC	13000	U	12000	U	12000	U	12000	U	11000	U	22000	U	12000	U	27000	U	18000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	13000	U	12000	U	12000	U	12000	U	11000	U	22000	U	12000	U	27000	U	18000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	13000	U	60000	U	12000	U	62000	U	110000	U	22000	U	12000	U	27000	U	18000	U
Pentachlorophenol	87-86-5	ppb-TOC	400000	U	370000	U	710000	U	390000	U	690000	U	140000	U	370000	U	160000	U	110000	U
Phenanthrene	85-01-8	ppb-TOC	19000		46000		47000		48000		44000		34000		24000		12000		11000	
Phenol	108-95-2	ppb-TOC	13000	U	12000	U	1700		1900		1000		22000	U	12000	U	27000	U	18000	U
Pyrene	129-00-0	ppb-TOC	30000		54000		53000		68000		63000		43000		34000		44000		32000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	140000		270000		240000		270000		270000		210000		140000		240000		170000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	83000		130000		130000		130000		110000		93000		140000		36000		29000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	220000		390000		360000		390000		380000		300000		270000		280000		200000	

		Location ID	VT-08-03		VT-08-03		VT-08-03		VT-08-03		VT-08-03		VT-08-04		VT-08-04		VT-08-04		VT-08-04	
		Sample Name	HAB-03-15-25		HAB-03-25-35		HAB-03-35-55		HAB-03-55-75		HAB-03-75-95		HAB-04-00-05		HAB-04-05-15		HAB-04-15-25		HAB-04-25-35	
		Date Collected	3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/13/2008	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	780		760		860	
1,2-Dichlorobenzene	95-50-1	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	1200		1600		1100		1000		48000	U	1200		1700		1600		2100	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	19000	U	18000	U	19000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	98000	U	120000	U	110000	U	110000	U	300000	U	110000	U	110000	U	110000	U	110000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	19000	U	18000	U	19000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	19000	U	18000	U	19000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
2-Chlorophenol	95-57-8	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	1500		1700		1400		2000		2700		1200		2300		1700		2400	
2-Methylphenol	95-48-7	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
2-Nitroaniline	88-74-4	ppb-TOC	98000	U	120000	U	110000	U	110000	U	300000	U	110000	U	110000	U	110000	U	110000	U
2-Nitrophenol	88-75-5	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	98000	U	120000	U	110000	U	110000	U	300000	U	110000	U	110000	U	110000	U	110000	U
3-Nitroaniline	99-09-2	ppb-TOC	98000	U	120000	U	110000	U	110000	U	300000	U	110000	U	110000	U	110000	U	110000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	98000	U	120000	U	110000	U	110000	U	300000	U	110000	U	110000	U	110000	U	110000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
4-Chloroaniline	106-47-8	ppb-TOC	1200		2100		1500		18000	U	2600		19000	U	3600		1400		2100	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
4-Methylphenol	106-44-5	ppb-TOC	1200		1900		1400		1500		48000	U	1400		2100		1700		2300	
4-Nitroaniline	100-01-6	ppb-TOC	98000	U	120000	U	110000	U	110000	U	300000	U	110000	U	110000	U	110000	U	110000	U
4-Nitrophenol	100-02-7	ppb-TOC	98000	U	120000	U	110000	U	110000	U	300000	U	110000	U	110000	U	110000	U	110000	U
Acenaphthene	83-32-9	ppb-TOC	2000		1400		1000		1500		48000	U	11000		2400		1100		1500	
Acenaphthylene	208-96-8	ppb-TOC	2300		2000		1700		1500		48000	U	2600		3900		3500		4000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	4500		4800		3600		6800		5600		19000		7800		4700		8600	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	13000		12000		10000		12000		13000		63000		18000		10000		16000	
Benzo(a)pyrene	50-32-8	ppb-TOC	14000		12000		10000		11000		12000		31000		20000		14000		17000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	18000		15000		11000		12000		16000		41000		25000		16000		21000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	9200		9700		8200		6800		9500		14000		13000		8800		11000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	5000		5200		4300		3400		4800		16000		7800		5700		7000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	95000		320000		180000		47000		180000		98000		87000		98000		140000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	2000		2500		2000		18000	U	3200		1500		2200		18000	U	2400	
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	800		970		710		730		48000	U	880		1500		1200		1600	
Chrysene	218-01-9	ppb-TOC	15000		13000		11000		13000		12000		32000		20000		13000		19000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	2500		2100		1700		1700		48000	U	3800		3200		2300		2600	
Dibenzofuran	132-64-9	ppb-TOC	830		860		780		730		48000	U	2300		1200		980		1500	
Diethyl phthalate	84-66-2	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
Dimethylphthalate	131-11-3	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	1100		2200		1300		770		48000	U	1100		1100		1300		2000	
Di-n-Octylphthalate	117-84-0	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	19000	U	18000	U	19000	U
Fluoranthene	206-44-0	ppb-TOC	20000		17000		16000		20000		19000		220000		36000		19000		33000	
Fluorene	86-73-7	ppb-TOC	1600		1500		1100		2500		2200		5700		2000		1500		2200	
Hexachlorobenzene	118-74-1	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	16000	U	19000	U	19000	U	18000	U	48000	U	19000	U	19000	U	18000	U	19000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	VT-08-03		VT-08-03		VT-08-03		VT-08-03		VT-08-03		VT-08-04		VT-08-04		VT-08-04		VT-08-04	
		Sample Name	HAB-03-15-25		HAB-03-25-35		HAB-03-35-55		HAB-03-55-75		HAB-03-75-95		HAB-04-00-05		HAB-04-05-15		HAB-04-15-25		HAB-04-25-35	
		Date Collected	3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/13/2008	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	9200		8600		6800		6400		8800		16000		14000		8800		9900	
Isophorone	78-59-1	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
Naphthalene	91-20-3	ppb-TOC	2300		2900		2200		2200		3400		2600		3900		3500		4300	
Nitrobenzene	98-95-3	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
Pentachlorophenol	87-86-5	ppb-TOC	98000	U	120000	U	110000	U	110000	U	300000	U	110000	U	110000	U	110000	U	110000	U
Phenanthrene	85-01-8	ppb-TOC	8600		7100		6000		12000		7800		13000		11000		7600		10000	
Phenol	108-95-2	ppb-TOC	16000	U	19000	U	18000	U	18000	U	48000	U	19000	U	18000	U	18000	U	19000	U
Pyrene	129-00-0	ppb-TOC	21000		22000		19000		22000		29000		170000		28000		17000		30000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	130000		120000		100000		110000		120000		600000		180000		110000		170000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	23000		22000		17000		29000		22000		57000		32000		24000		33000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	150000		140000		110000		140000		140000		660000		220000		140000		200000	

		Location ID	VT-08-04		VT-08-04		VT-08-04		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05	
		Sample Name	HAB-04-35-55		HAB-04-55-65		HAB-04-65-75		HAB-05-00-05		HAB-05-05-15		HAB-05-115-135		HAB-05-135-151		HAB-05-15-25		HAB-05-25-35	
		Date Collected	3/13/2008		3/13/2008		3/13/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008	
		Depth	3.5-5.5		5.5-6.5		6.5-7.5		0.0-0.5		0.5-1.5		11.5-13.5		13.5-15.1		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	1100		1800		1900		36000	U	950		1000		2800		1100		16000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	18000	U	1000		48000	U	36000	U	23000	U	1300		1900	U	19000	U	16000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	1100		1500		48000	U	36000	U	23000	U	1500		1700		19000	U	16000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	3000		4800		2600		2300		1700		5400		6600		2300		1000	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	19000	U	18000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	110000	U	110000	U	290000	U	220000	U	140000	U	110000	U	120000	U	110000	U	95000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	19000	U	18000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	19000	U	18000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
2-Chlorophenol	95-57-8	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	3200		3800		4800		2800		1900		5000		13000		2400		1100	
2-Methylphenol	95-48-7	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
2-Nitroaniline	88-74-4	ppb-TOC	110000	U	110000	U	290000	U	220000	U	140000	U	110000	U	120000	U	110000	U	95000	U
2-Nitrophenol	88-75-5	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	110000	U	8500		290000	U	220000	U	2900		3300		120000	U	1600		95000	U
3-Nitroaniline	99-09-2	ppb-TOC	110000	U	110000	U	290000	U	220000	U	140000	U	110000	U	120000	U	110000	U	95000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	110000	U	110000	U	290000	U	220000	U	140000	U	110000	U	120000	U	110000	U	95000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	18000	U	170000	U	48000	U	36000	U	23000	U	18000	U	97000	U	19000	U	16000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
4-Chloroaniline	106-47-8	ppb-TOC	4600		8900		48000	U	36000	U	2900		3800		5700		2700		980	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
4-Methylphenol	106-44-5	ppb-TOC	3500		3800		48000	U	36000	U	1200		3000		4300		1400		890	
4-Nitroaniline	100-01-6	ppb-TOC	110000	U	110000	U	290000	U	220000	U	140000	U	110000	U	120000	U	110000	U	95000	U
4-Nitrophenol	100-02-7	ppb-TOC	110000	U	110000	U	290000	U	220000	U	140000	U	110000	U	120000	U	110000	U	95000	U
Acenaphthene	83-32-9	ppb-TOC	2200		4100		3400		1700		1400		4200		12000		1900		1100	
Acenaphthylene	208-96-8	ppb-TOC	3900		5100		3200		3400		3100		4200		7000		4100		2000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	8900		16000		16000		6900		6600		13000		25000		6800		3700	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	14000		20000		14000		19000		18000		16000		30000		20000		13000	
Benzo(a)pyrene	50-32-8	ppb-TOC	15000		20000		11000		26000		24000		16000		26000		25000		15000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	17000		24000		12000		32000		31000		20000		33000		30000		19000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	11000		13000		6800		18000		17000		11000		16000		16000		10000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	6800		7800		3900		9500		9000		6100		9300		10000		5200	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	310000		820000		77000		130000		110000		650000		280000		140000		80000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	18000	U	17000	U	48000	U	4800		2200		18000	U	19000	U	2800		2200	
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	1500		170000	U	1900		1600		1500		4600		5700		1600		860	
Chrysene	218-01-9	ppb-TOC	16000		21000		16000		23000		20000		19000		33000		21000		13000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	2600		3300		48000	U	4700		3300		2500		4200		4100		2200	
Dibenzofuran	132-64-9	ppb-TOC	1700		2100		1900		1700		1400		2000		8800		1700		770	
Diethyl phthalate	84-66-2	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	710	
Dimethylphthalate	131-11-3	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	18000	U	170000	U	48000	U	1700		1500		18000	U	97000	U	1500		980	
Di-n-Octylphthalate	117-84-0	ppb-TOC	1900		7200		4200		36000	U	23000	U	4200		17000		19000	U	16000	U
Fluoranthene	206-44-0	ppb-TOC	29000		48000		30000		30000		22000		46000		66000		22000		18000	
Fluorene	86-73-7	ppb-TOC	2600		5100		4400		2000		1900		5700		18000		2100		1100	
Hexachlorobenzene	118-74-1	ppb-TOC	18000	U	170000	U	48000	U	36000	U	23000	U	18000	U	97000	U	19000	U	16000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	19000	U	18000	U	48000	U	37000	U	23000	U	18000	U	19000	U	19000	U	16000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	VT-08-04		VT-08-04		VT-08-04		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05	
		Sample Name	HAB-04-35-55		HAB-04-55-65		HAB-04-65-75		HAB-05-00-05		HAB-05-05-15		HAB-05-115-135		HAB-05-135-151		HAB-05-15-25		HAB-05-25-35	
		Date Collected	3/13/2008		3/13/2008		3/13/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008	
		Depth	3.5-5.5		5.5-6.5		6.5-7.5		0.0-0.5		0.5-1.5		11.5-13.5		13.5-15.1		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	10000		13000		6200		17000		15000		11000		16000		15000		9800	
Isophorone	78-59-1	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
Naphthalene	91-20-3	ppb-TOC	5400		6500		4800		5000		3200		4200		15000		4400		2000	
Nitrobenzene	98-95-3	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
Pentachlorophenol	87-86-5	ppb-TOC	110000	U	1100000	U	290000	U	220000	U	140000	U	110000	U	620000	U	110000	U	95000	U
Phenanthrene	85-01-8	ppb-TOC	10000		24000		9600		13000		10000		25000		53000		9800		5800	
Phenol	108-95-2	ppb-TOC	18000	U	17000	U	48000	U	36000	U	23000	U	18000	U	19000	U	19000	U	16000	U
Pyrene	129-00-0	ppb-TOC	22000		34000		25000		52000		45000		36000		62000		47000		30000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	140000		200000		120000		230000		200000		180000		300000		210000		140000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	36000		65000		45000		35000		28000		61000		150000		31000		17000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	180000		270000		170000		270000		230000		250000		440000		240000		150000	

		Location ID	VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06	
		Sample Name	HAB-05-35-49		HAB-05-64-75		HAB-05-75-85		HAB-05-95-115		HAB-06-00-05		HAB-06-05-15		HAB-06-107-115		HAB-06-115-128		HAB-06-15-25	
		Date Collected	3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008	
		Depth	3.5-4.9		6.4-7.5		7.5-8.5		9.5-11.5		0.0-0.5		0.5-1.5		10.7-11.5		11.5-12.8		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	490		960		1100		2600		1000		1100		550		630		930	
1,2-Dichlorobenzene	95-50-1	ppb-TOC	8600	U	16000	U	830		1900		25000	U	18000	U	17000	U	14000	U	18000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	8600	U	990		1000		2000		25000	U	18000	U	17000	U	14000	U	18000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	1100		2500		2500		7000		2000		2800		1700		1600		2000	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	52000	U	96000	U	89000	U	91000	U	150000	U	110000	U	100000	U	84000	U	110000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	8500	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	8500	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
2-Chlorophenol	95-57-8	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	1300		2900		3400		12000		1900		1900		2300		2600		2500	
2-Methylphenol	95-48-7	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
2-Nitroaniline	88-74-4	ppb-TOC	52000	U	96000	U	89000	U	91000	U	150000	U	110000	U	100000	U	84000	U	110000	U
2-Nitrophenol	88-75-5	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	52000	U	96000	U	6000		910000	U	150000	U	110000	U	100000	U	84000	U	110000	U
3-Nitroaniline	99-09-2	ppb-TOC	52000	U	96000	U	89000	U	91000	U	150000	U	110000	U	100000	U	84000	U	110000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	52000	U	96000	U	89000	U	91000	U	150000	U	110000	U	100000	U	84000	U	110000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	8600	U	16000	U	15000	U	150000	U	25000	U	18000	U	17000	U	14000	U	18000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
4-Chloroaniline	106-47-8	ppb-TOC	2100		5400		6600		7300		1200		1100		3500		3400		1600	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	8500	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
4-Methylphenol	106-44-5	ppb-TOC	780		16000	U	2200		5200		2300		2200		2300		6000		1900	
4-Nitroaniline	100-01-6	ppb-TOC	52000	U	96000	U	89000	U	91000	U	150000	U	110000	U	100000	U	84000	U	110000	U
4-Nitrophenol	100-02-7	ppb-TOC	52000	U	96000	U	89000	U	91000	U	150000	U	110000	U	100000	U	84000	U	110000	U
Acenaphthene	83-32-9	ppb-TOC	1100		2100		3200		7000		1600		1500		1900		2400		1800	
Acenaphthylene	208-96-8	ppb-TOC	2100		3600		3400		6700		5300		5000		2700		2300		5300	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	4100		8100		10000		13000		7900		6500		5800		5800		8700	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	8600		17000		19000		30000		21000		17000		13000		10000		19000	
Benzo(a)pyrene	50-32-8	ppb-TOC	10000		18000		17000		27000		29000		25000		13000		9700		26000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	13000		23000		23000		33000		37000		26000		15000		12000		34000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	6800		11000		11000		19000		17000		16000		8700		6800		17000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	4400		7500		6000		13000		12000		9300		4400		4200		10000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	260000		630000		1000000		2000000		58000		62000		640000		390000		84000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	1200		3600		15000	U	150000	U	25000	U	1900		2400		1300		2000	
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	570		1500		1300		150000	U	2000		1600		1000		1800		2100	
Chrysene	218-01-9	ppb-TOC	9900		22000		21000		30000		25000		20000		15000		12000		22000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	1400		2900		2600		15000	U	4100		4000		2200		1300		4000	
Dibenzofuran	132-64-9	ppb-TOC	850		1600		2100		4600		1300		1200		1200		1500		1600	
Diethyl phthalate	84-66-2	ppb-TOC	8500	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
Dimethylphthalate	131-11-3	ppb-TOC	8500	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	8600	U	16000	U	15000	U	150000	U	25000	U	1400		17000	U	14000	U	1300	
Di-n-Octylphthalate	117-84-0	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	2100		2600		18000	U
Fluoranthene	206-44-0	ppb-TOC	15000		33000		34000		55000		25000		23000		23000		21000		34000	
Fluorene	86-73-7	ppb-TOC	1400		2800		4600		10000		2200		1800		2700		2900		2500	
Hexachlorobenzene	118-74-1	ppb-TOC	8600	U	16000	U	15000	U	150000	U	25000	U	18000	U	17000	U	14000	U	18000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	8500	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06	
		Sample Name	HAB-05-35-49		HAB-05-64-75		HAB-05-75-85		HAB-05-95-115		HAB-06-00-05		HAB-06-05-15		HAB-06-107-115		HAB-06-115-128		HAB-06-15-25	
		Date Collected	3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008	
		Depth	3.5-4.9		6.4-7.5		7.5-8.5		9.5-11.5		0.0-0.5		0.5-1.5		10.7-11.5		11.5-12.8		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	8500	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	6000		11000		10000		21000		16000		16000		8200		6000		17000	
Isophorone	78-59-1	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
Naphthalene	91-20-3	ppb-TOC	2000		4200		5200		11000		4300		4000		2700		2900		4400	
Nitrobenzene	98-95-3	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	8500	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
Pentachlorophenol	87-86-5	ppb-TOC	52000	U	96000	U	89000	U	910000	U	150000	U	110000	U	100000	U	84000	U	110000	U
Phenanthrene	85-01-8	ppb-TOC	4600		9600		17000		30000		13000		9900		9300		9400		13000	
Phenol	108-95-2	ppb-TOC	8600	U	16000	U	15000	U	15000	U	25000	U	18000	U	17000	U	14000	U	18000	U
Pyrene	129-00-0	ppb-TOC	20000		39000		40000		58000		31000		26000		26000		19000		30000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	96000		180000		190000		290000		220000		180000		130000		100000		210000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	16000		33000		46000		91000		37000		31000		28000		29000		37000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	110000		220000		230000		360000		250000		210000		160000		130000		250000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-07		VT-08-07		VT-08-07		VT-08-07		VT-08-07	
		Sample Name	HAB-06-25-35		HAB-06-35-55		HAB-06-55-75		HAB-06-75-95		HAB-07-00-05		HAB-07-05-15		HAB-07-15-25		HAB-07-25-35		HAB-07-35-55	
		Date Collected	3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	960		1300		620		730		26000	U	21000	U	23000	U	18000	U	20000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	2000		2500		1700		2100		26000	U	1400		1500		1500		20000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	16000	U	18000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	96000	U	110000	U	110000	U	87000	U	160000	U	130000	U	140000	U	110000	U	120000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	16000	U	18000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	16000	U	18000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
2-Chlorophenol	95-57-8	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	2100		2900		1600		2500		1400		2500		2300		2500		20000	U
2-Methylphenol	95-48-7	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
2-Nitroaniline	88-74-4	ppb-TOC	96000	U	110000	U	110000	U	87000	U	160000	U	130000	U	140000	U	110000	U	120000	U
2-Nitrophenol	88-75-5	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	96000	U	110000	U	110000	U	87000	U	160000	U	130000	U	140000	U	110000	U	120000	U
3-Nitroaniline	99-09-2	ppb-TOC	96000	U	110000	U	110000	U	87000	U	160000	U	130000	U	140000	U	110000	U	120000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	96000	U	110000	U	110000	U	87000	U	160000	U	130000	U	140000	U	110000	U	120000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
4-Chloroaniline	106-47-8	ppb-TOC	1400		2200		1800		3700		26000	U	21000	U	1500		1900		20000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
4-Methylphenol	106-44-5	ppb-TOC	2200		2700		1700		2000		26000	U	1900		2000		1900		20000	U
4-Nitroaniline	100-01-6	ppb-TOC	96000	U	110000	U	110000	U	87000	U	160000	U	130000	U	140000	U	110000	U	120000	U
4-Nitrophenol	100-02-7	ppb-TOC	96000	U	110000	U	110000	U	87000	U	160000	U	130000	U	140000	U	110000	U	120000	U
Acenaphthene	83-32-9	ppb-TOC	1700		2000		970		1800		1100		2100		2200		1500		20000	U
Acenaphthylene	208-96-8	ppb-TOC	4900		6300		2100		2700		3300		5200		5600		3700		20000	U
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	7600		9100		4500		6800		10000		21000		15000		49000		1400	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	21000		17000		13000		14000		22000		30000		31000		20000		2200	
Benzo(a)pyrene	50-32-8	ppb-TOC	24000		25000		14000		14000		26000		40000		35000		22000		2000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	28000		31000		17000		19000		27000		40000		46000		23000		2200	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	15000		17000		10000		9900		17000		22000		21000		14000		1300	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	11000		9400		4500		6200		8600		14000		9400		8200		20000	U
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	84000		120000		230000		510000		24000		81000		180000		450000		20000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	1900		4400		2300		2600		26000	U	2800		2600		2100		20000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	1700		2100		1000		1300		2500		5200		2100		11000		20000	U
Chrysene	218-01-9	ppb-TOC	25000		22000		14000		17000		22000		32000		31000		23000		2200	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	4100		4100		2200		2200		3700		5200		5300		3400		20000	U
Dibenzofuran	132-64-9	ppb-TOC	1500		1400		900		1200		26000	U	1500		1400		1600		20000	U
Diethyl phthalate	84-66-2	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
Dimethylphthalate	131-11-3	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	1300		1200		18000	U	15000	U	26000	U	1300		2600		2400		20000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	16000	U	18000	U	18000	U	2400		26000	U	21000	U	23000	U	18000	U	20000	U
Fluoranthene	206-44-0	ppb-TOC	32000		34000		21000		27000		25000		44000		38000		29000		3100	
Fluorene	86-73-7	ppb-TOC	2600		2800		1200		2200		2000		3000		2900		6400		20000	U
Hexachlorobenzene	118-74-1	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	16000	U	18000	U	18000	U	15000	U	27000	U	21000	U	24000	U	18000	U	20000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-07		VT-08-07		VT-08-07		VT-08-07		VT-08-07	
		Sample Name	HAB-06-25-35		HAB-06-35-55		HAB-06-55-75		HAB-06-75-95		HAB-07-00-05		HAB-07-05-15		HAB-07-15-25		HAB-07-25-35		HAB-07-35-55	
		Date Collected	3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	17000		15000		9300		8700		15000		22000		21000		13000		20000	U
Isophorone	78-59-1	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
Naphthalene	91-20-3	ppb-TOC	4100		4700		2900		3900		2600		4000		4900		3700		20000	U
Nitrobenzene	98-95-3	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	16000	U	17000	U	18000	U	15000	U	26000	U	21000	U	23000	U	18000	U	20000	U
Pentachlorophenol	87-86-5	ppb-TOC	96000	U	110000	U	110000	U	87000	U	160000	U	130000	U	140000	U	110000	U	120000	U
Phenanthrene	85-01-8	ppb-TOC	11000		12000		6900		9000		11000		19000		16000		21000		1700	
Phenol	108-95-2	ppb-TOC	16000	U	17000	U	2000		1900		26000	U	21000	U	23000	U	18000	U	20000	U
Pyrene	129-00-0	ppb-TOC	29000		31000		24000		26000		33000		48000		51000		30000		3300	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	210000		210000		130000		140000		200000		300000		290000		190000		16000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	35000		41000		20000		28000		31000		57000		48000		86000		3300	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	240000		250000		150000		170000		230000		350000		340000		270000		19000	

		Location ID	VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-09		VT-08-09		VT-08-09	
		Sample Name	HAB-08-00-05		HAB-08-05-15		HAB-08-15-25		HAB-08-25-35		HAB-08-35-55		HAB-08-55-62		HAB-09-00-05		HAB-09-05-15		HAB-09-15-25	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-6.2		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	1100		1900		2300		1300		67000	U	44000	U	630		720		10000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	29000	U	1100		1200		38000	U	67000	U	44000	U	18000	U	840		10000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	29000	U	1500		1700		38000	U	67000	U	44000	U	18000	U	820		10000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	2900		3500		5500		2800		67000	U	44000	U	2700		2600		550	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	100000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	100000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	10000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	10000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	180000	U	110000	U	100000	U	230000	U	390000	U	270000	U	110000	U	86000	U	620000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	29000	U	17000	U	16000	U	37000	U	65000	U	44000	U	18000	U	14000	U	100000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	29000	U	17000	U	16000	U	37000	U	65000	U	44000	U	18000	U	14000	U	100000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	100000	U
2-Chlorophenol	95-57-8	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	10000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	3100		4800		4500		2100		67000	U	44000	U	2900		11000		25000	
2-Methylphenol	95-48-7	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	10000	U
2-Nitroaniline	88-74-4	ppb-TOC	180000	U	110000	U	100000	U	230000	U	390000	U	270000	U	110000	U	86000	U	620000	U
2-Nitrophenol	88-75-5	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	10000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	3200		6100		6100		230000	U	390000	U	270000	U	110000	U	86000	U	62000	U
3-Nitroaniline	99-09-2	ppb-TOC	180000	U	110000	U	100000	U	230000	U	390000	U	270000	U	110000	U	86000	U	620000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	180000	U	110000	U	100000	U	230000	U	390000	U	270000	U	110000	U	86000	U	620000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	100000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	10000	U
4-Chloroaniline	106-47-8	ppb-TOC	5400		7100		5100		2300		67000	U	44000	U	1800		14000	U	10000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	29000	U	17000	U	16000	U	37000	U	65000	U	44000	U	18000	U	14000	U	100000	U
4-Methylphenol	106-44-5	ppb-TOC	2400		2200		1700		38000	U	67000	U	44000	U	2100		2900		4700	
4-Nitroaniline	100-01-6	ppb-TOC	180000	U	110000	U	100000	U	230000	U	390000	U	270000	U	110000	U	86000	U	620000	U
4-Nitrophenol	100-02-7	ppb-TOC	180000	U	110000	U	100000	U	230000	U	390000	U	270000	U	110000	U	86000	U	620000	U
Acenaphthene	83-32-9	ppb-TOC	2100		3900		5100		1600		65000	U	44000	U	2600		5300		19000	
Acenaphthylene	208-96-8	ppb-TOC	6500		8100		7700		4000		67000	U	44000	U	4500		5000		25000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	18000		71000		96000		24000		5300		44000	U	11000		16000		92000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	33000		42000		45000		31000		8000		44000	U	16000		18000		83000	
Benzo(a)pyrene	50-32-8	ppb-TOC	37000		42000		42000		28000		6900		44000	U	15000		14000		64000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	39000		45000		48000		34000		7600		44000	U	15000		17000		81000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	22000		24000		22000		16000		5100		44000	U	9800		9600		32000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	15000		14000		16000		12000		65000	U	44000	U	6000		5500		10000	U
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	10000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	10000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	390000		900000		770000		350000		84000		5100		180000		140000		10000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	2200		2600		3900		2000		67000	U	44000	U	18000	U	14000	U	10000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	3700		3200		9300		1600		67000	U	44000	U	18000	U	1300		10000	
Chrysene	218-01-9	ppb-TOC	37000		45000		48000		39000		6300		44000	U	18000		20000		85000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	5100		5200		5100		3900		65000	U	44000	U	2500		2400		14000	
Dibenzofuran	132-64-9	ppb-TOC	1700		2200		3100		37000	U	65000	U	44000	U	18000	U	14000	U	14000	
Diethyl phthalate	84-66-2	ppb-TOC	29000	U	17000	U	16000	U	37000	U	65000	U	44000	U	18000	U	14000	U	100000	U
Dimethylphthalate	131-11-3	ppb-TOC	29000	U	17000	U	16000	U	37000	U	65000	U	44000	U	18000	U	14000	U	100000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	29000	U	17000	U	16000	U	3100		67000	U	44000	U	18000	U	14000	U	100000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	29000	U	6100		16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	10000	U
Fluoranthene	206-44-0	ppb-TOC	43000		55000		77000		35000		12000		44000	U	27000		29000		230000	
Fluorene	86-73-7	ppb-TOC	3300		9000		14000		3500		65000	U	44000	U	2900		7400		40000	
Hexachlorobenzene	118-74-1	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	100000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	29000	U	17000	U	16000	U	37000	U	65000	U	44000	U	18000	U	14000	U	10000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	100000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-09		VT-08-09		VT-08-09	
		Sample Name	HAB-08-00-05		HAB-08-05-15		HAB-08-15-25		HAB-08-25-35		HAB-08-35-55		HAB-08-55-62		HAB-09-00-05		HAB-09-05-15		HAB-09-15-25	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-6.2		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	29000	U	17000	U	16000	U	37000	U	65000	U	44000	U	18000	U	14000	U	10000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	24000		24000		24000		16000		67000	U	44000	U	8000		8200		38000	
Isophorone	78-59-1	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	10000	U
Naphthalene	91-20-3	ppb-TOC	5400		8400		8000		4000		65000	U	44000	U	3600		6000		21000	
Nitrobenzene	98-95-3	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	10000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	10000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	29000	U	8700		16000	U	37000	U	65000	U	44000	U	18000	U	14000	U	100000	U
Pentachlorophenol	87-86-5	ppb-TOC	180000	U	110000	U	100000	U	230000	U	390000	U	270000	U	110000	U	86000	U	620000	U
Phenanthrene	85-01-8	ppb-TOC	16000		23000		39000		11000		3300		44000	U	12000		31000		150000	
Phenol	108-95-2	ppb-TOC	29000	U	17000	U	16000	U	38000	U	67000	U	44000	U	18000	U	14000	U	10000	U
Pyrene	129-00-0	ppb-TOC	59000		65000		80000		39000		13000		44000	U	33000		36000		100000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	310000		350000		420000		250000		59000		44000	U	150000		160000		740000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	54000		130000		170000		50000		7800		44000	U	39000		82000		380000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	370000		480000		580000		300000		67000		44000	U	190000		240000		1100000	

		Location ID	VT-08-09		VT-08-09		VT-08-09		VT-08-09		VT-08-10		VT-08-10		VT-08-10		VT-08-11		VT-08-11	
		Sample Name	HAB-09-25-35		HAB-09-35-55		HAB-09-55-75		HAB-09-75-85		HAB-10-00-05		HAB-10-05-15		HAB-10-15-25		HAB-11-00-05		HAB-11-05-10	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/11/2008		3/11/2008	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-8.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	1400		100000	U	21000	U	24000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	66000	U	62000	U	68000	U	32000	U	150000	U	130000	U	630000	U	130000	U	150000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
2-Chlorophenol	95-57-8	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	62000		21000		16000		2400		1700		1900		100000	U	21000	U	960	
2-Methylphenol	95-48-7	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
2-Nitroaniline	88-74-4	ppb-TOC	66000	U	62000	U	68000	U	32000	U	150000	U	130000	U	630000	U	130000	U	150000	U
2-Nitrophenol	88-75-5	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	66000	U	62000	U	68000	U	32000	U	150000	U	130000	U	630000	U	130000	U	150000	U
3-Nitroaniline	99-09-2	ppb-TOC	66000	U	62000	U	68000	U	32000	U	150000	U	130000	U	630000	U	130000	U	150000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	66000	U	62000	U	68000	U	32000	U	150000	U	130000	U	630000	U	130000	U	150000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
4-Chloroaniline	106-47-8	ppb-TOC	11000	U	10000	U	11000	U	5400	U	3200		2300		100000	U	21000	U	24000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
4-Methylphenol	106-44-5	ppb-TOC	3100		3200		4500		1400		1400		1500		100000	U	2000		24000	U
4-Nitroaniline	100-01-6	ppb-TOC	66000	U	62000	U	68000	U	32000	U	150000	U	130000	U	630000	U	130000	U	150000	U
4-Nitrophenol	100-02-7	ppb-TOC	66000	U	62000	U	68000	U	32000	U	150000	U	130000	U	630000	U	130000	U	150000	U
Acenaphthene	83-32-9	ppb-TOC	35000		19000		12000		1900		1200		1000		100000	U	21000	U	24000	U
Acenaphthylene	208-96-8	ppb-TOC	29000		19000		16000		3700		4100		3500		100000	U	21000	U	1700	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	110000		50000		54000		9600		5900		5200		5300		3000		5400	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	130000		100000		110000		28000		12000		13000		13000		7000		9200	
Benzo(a)pyrene	50-32-8	ppb-TOC	95000		75000		84000		24000		18000		18000		11000		7600		10000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	91000		75000		79000		22000		18000		25000		15000		8800		11000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	43000		35000		41000		11000		10000		13000		7200		5800		8300	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	35000		19000		25000		7100		5400		8700		100000	U	2800		4100	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	11000	U	1300		11000	U	460		140000		180000		34000		12000		28000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	11000	U	10000	U	11000	U	5400	U	17000		22000	U	100000	U	21000	U	24000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	6000		3700		4100		450		1200		1900		100000	U	21000	U	1300	
Chrysene	218-01-9	ppb-TOC	130000		100000		100000		29000		14000		14000		13000		7900		10000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	13000		9300		11000		2900		2500		3200		100000	U	21000	U	24000	U
Dibenzofuran	132-64-9	ppb-TOC	15000		5200		4500		990		25000	U	22000	U	100000	U	21000	U	24000	U
Diethyl phthalate	84-66-2	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
Dimethylphthalate	131-11-3	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	11000	U	10000	U	11000	U	340		1900		1500		5000		1000		1000	
Di-n-Octylphthalate	117-84-0	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
Fluoranthene	206-44-0	ppb-TOC	290000		130000		130000		29000		20000		20000		16000		9800		13000	
Fluorene	86-73-7	ppb-TOC	56000		26000		25000		3300		2300		1100		100000	U	21000	U	1400	
Hexachlorobenzene	118-74-1	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	VT-08-09		VT-08-09		VT-08-09		VT-08-09		VT-08-10		VT-08-10		VT-08-10		VT-08-11		VT-08-11	
		Sample Name	HAB-09-25-35		HAB-09-35-55		HAB-09-55-75		HAB-09-75-85		HAB-10-00-05		HAB-10-05-15		HAB-10-15-25		HAB-11-00-05		HAB-11-05-10	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/11/2008		3/11/2008	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-8.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	41000		35000		43000		12000		9000		13000		100000	U	5800		6300	
Isophorone	78-59-1	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
Naphthalene	91-20-3	ppb-TOC	39000		15000		21000		5200		2700		2500		100000	U	1300		1800	
Nitrobenzene	98-95-3	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	15000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
Pentachlorophenol	87-86-5	ppb-TOC	66000	U	62000	U	68000	U	32000	U	150000	U	130000	U	630000	U	130000	U	150000	U
Phenanthrene	85-01-8	ppb-TOC	290000		100000		110000		15000		6800		7400		10000		4600		6300	
Phenol	108-95-2	ppb-TOC	11000	U	10000	U	11000	U	5400	U	25000	U	22000	U	100000	U	21000	U	24000	U
Pyrene	129-00-0	ppb-TOC	210000		150000		150000		43000		23000		20000		15000		11000		17000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	1100000		730000		770000		200000		130000		150000		91000		67000		88000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	620000		260000		250000		42000		25000		23000		16000		8800		18000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1700000		970000		1000000		260000		150000		170000		110000		76000		110000	

		Location ID	VT-08-12		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13	
		Sample Name	HAB-12-00-05		HAB-13-00-05		HAB-13-05-15		HAB-13-15-25		HAB-13-25-35		HAB-13-35-55		HAB-13-55-75		HAB-13-75-95		HAB-13-95-103	
		Date Collected	3/11/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008	
		Depth	0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	20000	U	980		2100		20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	20000	U	24000	U	1600		20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	20000	U	24000	U	1300		20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	1100		1900		5600		1200		10000	U	9800	U	12000	U	12000	U	15000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	120000	U	140000	U	100000	U	120000	U	62000	U	59000	U	73000	U	72000	U	91000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
2-Chlorophenol	95-57-8	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	5900		4400		4700		3700		24000		33000		16000		4800		4100	
2-Methylphenol	95-48-7	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
2-Nitroaniline	88-74-4	ppb-TOC	120000	U	140000	U	100000	U	120000	U	62000	U	59000	U	73000	U	72000	U	91000	U
2-Nitrophenol	88-75-5	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	120000	U	140000	U	100000	U	120000	U	62000	U	59000	U	73000	U	72000	U	91000	U
3-Nitroaniline	99-09-2	ppb-TOC	120000	U	140000	U	100000	U	120000	U	62000	U	59000	U	73000	U	72000	U	91000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	120000	U	140000	U	100000	U	120000	U	62000	U	59000	U	73000	U	72000	U	91000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
4-Chloroaniline	106-47-8	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
4-Methylphenol	106-44-5	ppb-TOC	2700		2300		3400		1100		4400		5500		7300		6200		3000	
4-Nitroaniline	100-01-6	ppb-TOC	120000	U	140000	U	100000	U	120000	U	62000	U	59000	U	73000	U	72000	U	91000	U
4-Nitrophenol	100-02-7	ppb-TOC	120000	U	140000	U	100000	U	120000	U	62000	U	59000	U	73000	U	72000	U	91000	U
Acenaphthene	83-32-9	ppb-TOC	5500		3900		2900		4400		36000		39000		15000		4800		3700	
Acenaphthylene	208-96-8	ppb-TOC	6700		8400		9100		3400		18000		19000		11000		6900		3700	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	19000		12000		34000		14000		78000		88000		43000		21000		12000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	36000		27000		27000		19000		94000		130000		61000		41000		23000	
Benzo(a)pyrene	50-32-8	ppb-TOC	31000		34000		27000		14000		78000		110000		63000		45000		31000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	29000		40000		27000		15000		68000		110000		58000		43000		30000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	20000		24000		20000		8600		42000		63000		38000		31000		20000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	9000		12000		9700		5100		22000		29000		21000		17000		9500	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	94000		67000		170000		45000		10000	U	9800	U	12000	U	12000	U	15000	U
Butyl benzyl phthalate	85-68-7	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	1300		3500		17000	U	20000	U	3200		4300		2200		2100		1800	
Chrysene	218-01-9	ppb-TOC	38000		32000		34000		20000		96000		120000		66000		38000		23000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	5100		5800		4400		2000		10000		13000		8900		5700		4400	
Dibenzofuran	132-64-9	ppb-TOC	2300		2700		2500		1700		4600		5300		3000		2200		1600	
Diethyl phthalate	84-66-2	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
Dimethylphthalate	131-11-3	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	1300		24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	530		15000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
Fluoranthene	206-44-0	ppb-TOC	47000		39000		59000		26000		130000		160000		86000		72000		47000	
Fluorene	86-73-7	ppb-TOC	7500		3900		3800		4400		32000		31000		15000		6400		3700	
Hexachlorobenzene	118-74-1	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	VT-08-12		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13	
		Sample Name	HAB-12-00-05		HAB-13-00-05		HAB-13-05-15		HAB-13-15-25		HAB-13-25-35		HAB-13-35-55		HAB-13-55-75		HAB-13-75-95		HAB-13-95-103	
		Date Collected	3/11/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008	
		Depth	0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.3	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	17000		23000		21000		7800		42000		65000		35000		29000		19000	
Isophorone	78-59-1	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
Naphthalene	91-20-3	ppb-TOC	7500		7600		5600		5900		30000		39000		22000		11000		10000	
Nitrobenzene	98-95-3	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	20000	U	24000	U	17000	U	20000	U	10000	U	9800	U	12000	U	12000	U	15000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	20000	U	24000	U	15000		20000	U	6000		9800	U	12000	U	670		15000	U
Pentachlorophenol	87-86-5	ppb-TOC	120000	U	140000	U	100000	U	120000	U	62000	U	59000	U	73000	U	72000	U	91000	U
Phenanthrene	85-01-8	ppb-TOC	33000		20000		15000		17000		150000		160000		81000		43000		25000	
Phenol	108-95-2	ppb-TOC	20000	U	24000	U	17000	U	20000	U	720		630		12000	U	810		15000	U
Pyrene	129-00-0	ppb-TOC	51000		44000		53000		37000		120000		190000		99000		60000		44000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	280000		280000		280000		160000		700000		980000		530000		380000		250000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	86000		62000		75000		53000		360000		410000		200000		98000		64000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	370000		340000		340000		200000		1100000		1400000		730000		480000		310000	

		Location ID	VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14	
		Sample Name	HAB-14-00-05		HAB-14-05-15		HAB-14-115-135		HAB-14-135-155		HAB-14-15-25		HAB-14-25-35		HAB-14-35-55		HAB-14-55-75		HAB-14-75-95			
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008			
		Depth	0.0-0.5		0.5-1.5		11.5-13.5		13.5-15.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																				
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	1400		690		2100		9300		2000		110000	U	110000	U	3500		42000	U		
1,2-Dichlorobenzene	95-50-1	ppb-TOC	980		830		38000	U	1600		1800		110000	U	110000	U	83000	U	42000	U		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	1000		14000	U	38000	U	15000	U	2000		110000	U	110000	U	83000	U	42000	U		
1,4-Dichlorobenzene	106-46-7	ppb-TOC	3500		2100		5800		4000		8000		11000		9200		12000		3100			
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																				
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																				
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
2,4-Dichlorophenol	120-83-2	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
2,4-Dimethylphenol	105-67-9	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
2,4-Dinitrophenol	51-28-5	ppb-TOC	83000	U	83000	U	230000	U	89000	U	79000	U	710000	U	690000	U	510000	U	260000	U		
2,4-Dinitrotoluene	121-14-2	ppb-TOC	14000	U	14000	U	24000		15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
2,6-Dinitrotoluene	606-20-2	ppb-TOC	14000	U	14000	U	18000		15000	U	13000	U	110000	U	110000	U	83000	U	12000			
2-Chloronaphthalene	91-58-7	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
2-Chlorophenol	95-57-8	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
2-Methylnaphthalene	91-57-6	ppb-TOC	2500		2100		52000		45000		7300		7700		15000		30000		20000			
2-Methylphenol	95-48-7	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
2-Nitroaniline	88-74-4	ppb-TOC	83000	U	83000	U	230000	U	89000	U	79000	U	710000	U	690000	U	510000	U	260000	U		
2-Nitrophenol	88-75-5	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	6200		1900		230000	U	89000	U	8900		710000	U	690000	U	510000	U	260000	U		
3-Nitroaniline	99-09-2	ppb-TOC	83000	U	83000	U	230000	U	89000	U	79000	U	710000	U	690000	U	510000	U	260000	U		
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	83000	U	83000	U	230000	U	89000	U	79000	U	710000	U	690000	U	510000	U	260000	U		
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	14000	U	14000	U	38000	U	150000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
4-Chloroaniline	106-47-8	ppb-TOC	7400		5300		38000	U	15000	U	7700		110000	U	110000	U	83000	U	42000	U		
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
4-Methylphenol	106-44-5	ppb-TOC	3000		3200		6200		9500		5400		110000	U	110000	U	83000	U	3500			
4-Nitroaniline	100-01-6	ppb-TOC	83000	U	83000	U	230000	U	89000	U	79000	U	710000	U	690000	U	510000	U	260000	U		
4-Nitrophenol	100-02-7	ppb-TOC	83000	U	83000	U	230000	U	89000	U	79000	U	710000	U	690000	U	510000	U	260000	U		
Acenaphthene	83-32-9	ppb-TOC	2000		1300		13000		14000		6400		6400		8700		12000		7900			
Acenaphthylene	208-96-8	ppb-TOC	6600		4200		10000		13000		10000		110000	U	110000	U	6700		6100			
Acetophenone	98-86-2	ppb-TOC																				
Anthracene	120-12-7	ppb-TOC	20000		6900		50000		74000		29000		17000		34000		65000		46000			
Atrazine	1912-24-9	ppb-TOC																				
Benzaldehyde	100-52-7	ppb-TOC																				
Benzo(a)anthracene	56-55-3	ppb-TOC	44000		12000		30000		31000		29000		25000		25000		34000		22000			
Benzo(a)pyrene	50-32-8	ppb-TOC	35000		13000		22000		24000		29000		22000		20000		21000		17000			
Benzo(b)fluoranthene	205-99-2	ppb-TOC	53000		15000		23000		21000		34000		24000		23000		29000		20000			
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	23000		9500		13000		14000		21000		16000		12000		14000		12000			
Benzo(k)fluoranthene	207-08-9	ppb-TOC	21000		4600		8300		9200		12000		8800		8900		6800		6100			
Biphenyl	92-52-4	ppb-TOC																				
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	620000		390000		290000		100000		880000		1100000		460000		340000		230000			
Butyl benzyl phthalate	85-68-7	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
Caprolactam	105-60-2	ppb-TOC																				
Carbazole	86-74-8	ppb-TOC	3700		1000		38000	U	150000	U	3900		110000	U	5500		9700		3400			
Chrysene	218-01-9	ppb-TOC	55000		15000		41000		41000		34000		27000		27000		36000		30000			
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	6600		2300		3700		15000	U	3800		110000	U	110000	U	83000	U	42000	U		
Dibenzofuran	132-64-9	ppb-TOC	1500		830		12000		11000		3900		110000	U	4600		8700		5100			
Diethyl phthalate	84-66-2	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
Dimethylphthalate	131-11-3	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
Di-n-Butylphthalate	84-74-2	ppb-TOC	14000	U	14000	U	38000	U	150000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
Di-n-Octylphthalate	117-84-0	ppb-TOC	14000	U	4200		38000	U	15000	U	16000		110000	U	13000		6200		42000	U		
Fluoranthene	206-44-0	ppb-TOC	48000		25000		62000		80000		68000		47000		50000		65000		42000			
Fluorene	86-73-7	ppb-TOC	2700		1700		28000		24000		7700		8900		13000		26000		14000			
Hexachlorobenzene	118-74-1	ppb-TOC	14000	U	14000	U	38000	U	150000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
Hexachlorobutadiene	87-68-3	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U		
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	120000	U	110000	U	84000	U	43000	U		

Table B-8
TOC-Normalized Semivolatiles

		Location ID	VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14	
		Sample Name	HAB-14-00-05		HAB-14-05-15		HAB-14-115-135		HAB-14-135-155		HAB-14-15-25		HAB-14-25-35		HAB-14-35-55		HAB-14-55-75		HAB-14-75-95	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	0.0-0.5		0.5-1.5		11.5-13.5		13.5-15.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	25000		8800		10000		11000		21000		16000		110000	U	12000		9200	
Isophorone	78-59-1	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U
Naphthalene	91-20-3	ppb-TOC	5000		3000		16000		24000		8200		7600		8900		16000		11000	
Nitrobenzene	98-95-3	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U
Pentachlorophenol	87-86-5	ppb-TOC	83000	U	83000	U	230000	U	890000	U	79000	U	710000	U	690000	U	510000	U	260000	U
Phenanthrene	85-01-8	ppb-TOC	14000		8400		120000		120000		38000		32000		52000		84000		51000	
Phenol	108-95-2	ppb-TOC	14000	U	14000	U	38000	U	15000	U	13000	U	110000	U	110000	U	83000	U	42000	U
Pyrene	129-00-0	ppb-TOC	43000		19000		80000		65000		55000		56000		66000		80000		59000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	350000		120000		290000		300000		300000		240000		230000		300000		220000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	53000		28000		290000		310000		110000		79000		130000		240000		160000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	410000		150000		580000		600000		410000		320000		360000		530000		380000	

Table B-8
TOC-Normalized Semivolatiles

		Location ID	VT-08-14		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15	
		Sample Name	HAB-14-95-115		HAB-15-00-05		HAB-15-05-15		HAB-15-115-135		HAB-15-15-25		HAB-15-25-35		HAB-15-35-55		HAB-15-55-75		HAB-15-75-95	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	9.5-11.5		0.0-0.5		0.5-1.5		11.5-13.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	46000	U	20000	U	13000	U	2500		13000	U	1400		1300		2200		2000	
1,2-Dichlorobenzene	95-50-1	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	980		1000		2000		47000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	46000	U	20000	U	840		40000	U	13000	U	1300		2200		1500		47000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	4100		1800		2100		5100		1100		5000		7600		9500		7800	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	11000	U	47000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	11000	U	47000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	11000	U	47000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	11000	U	47000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	290000	U	120000	U	77000	U	250000	U	77000	U	68000	U	69000	U	68000	U	290000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	46000	U	20000	U	13000	U	21000		12000	U	11000	U	11000	U	11000	U	47000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	12000		20000	U	13000	U	40000	U	12000	U	11000	U	11000	U	11000	U	47000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	11000	U	47000	U
2-Chlorophenol	95-57-8	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	11000	U	47000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	24000		2000		2300		29000		2600		6700		6400		20000		27000	
2-Methylphenol	95-48-7	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	11000	U	47000	U
2-Nitroaniline	88-74-4	ppb-TOC	290000	U	120000	U	77000	U	250000	U	77000	U	68000	U	69000	U	68000	U	290000	U
2-Nitrophenol	88-75-5	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	11000	U	47000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	290000	U	120000	U	4300		250000	U	1900		5000		4600		11000		290000	U
3-Nitroaniline	99-09-2	ppb-TOC	290000	U	120000	U	77000	U	250000	U	77000	U	68000	U	69000	U	68000	U	290000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	290000	U	120000	U	77000	U	250000	U	77000	U	68000	U	69000	U	68000	U	290000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	110000	U	47000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	11000	U	47000	U
4-Chloroaniline	106-47-8	ppb-TOC	3500		2000		8000		40000	U	2400		6500		3800		5200		4100	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	46000	U	20000	U	13000	U	40000	U	12000	U	11000	U	11000	U	11000	U	47000	U
4-Methylphenol	106-44-5	ppb-TOC	3900		1500		2700		6500		1300		2600		2600		7800		3700	
4-Nitroaniline	100-01-6	ppb-TOC	290000	U	120000	U	77000	U	250000	U	77000	U	68000	U	69000	U	68000	U	290000	U
4-Nitrophenol	100-02-7	ppb-TOC	290000	U	120000	U	77000	U	250000	U	77000	U	68000	U	69000	U	68000	U	290000	U
Acenaphthene	83-32-9	ppb-TOC	7600		1400		1500		11000		1900		3700		5500		8900		13000	
Acenaphthylene	208-96-8	ppb-TOC	46000	U	4000		3800		7300		2400		5900		5500		11000		7600	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	32000		6800		7900		64000		4600		18000		21000		36000		61000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	20000		11000		12000		31000		8400		24000		22000		28000		30000	
Benzo(a)pyrene	50-32-8	ppb-TOC	17000		17000		13000		22000		7000		20000		17000		20000		20000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	17000		21000		16000		23000		8000		28000		22000		24000		23000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	11000		11000		9300		14000		4900		12000		12000		14000		14000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	5400		6800		5900		7500		2900		7500		7200		9500		7200	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	11000	U	47000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	11000	U	47000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	240000		74000		520000		180000		770000		940000		1100000		560000		300000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	46000	U	20000	U	13000	U	40000	U	1300		2800		11000	U	11000	U	47000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	3000		1800		13000	U	40000	U	940		4400		5300		9100		6900	
Chrysene	218-01-9	ppb-TOC	25000		13000		13000		39000		10000		28000		26000		30000		35000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	46000	U	3000		2100		3500		1100		2400		1900		11000	U	47000	U
Dibenzofuran	132-64-9	ppb-TOC	6100		1000		1400		9100		1200		2800		3600		5800		7900	
Diethyl phthalate	84-66-2	ppb-TOC	46000	U	20000	U	13000	U	40000	U	12000	U	11000	U	11000	U	11000	U	47000	U
Dimethylphthalate	131-11-3	ppb-TOC	46000	U	20000	U	13000	U	40000	U	12000	U	11000	U	11000	U	11000	U	47000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	46000	U	1200		13000	U	40000	U	13000	U	11000	U	11000	U	110000	U	47000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	46000	U	20000	U	13000	U	40000	U	8400		11000		11000		19000		5900	
Fluoranthene	206-44-0	ppb-TOC	41000		20000		25000		58000		17000		54000		58000		74000		63000	
Fluorene	86-73-7	ppb-TOC	15000		2000		2700		21000		3100		5900		8800		14000		27000	
Hexachlorobenzene	118-74-1	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	110000	U	47000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	46000	U	20000	U	13000	U	40000	U	12000	U	11000	U	11000	U	11000	U	47000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	11000	U	47000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	VT-08-14		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15	
		Sample Name	HAB-14-95-115		HAB-15-00-05		HAB-15-05-15		HAB-15-115-135		HAB-15-15-25		HAB-15-25-35		HAB-15-35-55		HAB-15-55-75		HAB-15-75-95	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	9.5-11.5		0.0-0.5		0.5-1.5		11.5-13.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	46000	U	20000	U	13000	U	40000	U	12000	U	11000	U	11000	U	11000	U	47000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	8100		11000		8800		10000		4300		12000		10000		12000		11000	
Isophorone	78-59-1	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	11000	U	47000	U
Naphthalene	91-20-3	ppb-TOC	10000		2900		3200		17000		2400		7800		6000		12000		17000	
Nitrobenzene	98-95-3	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	11000	U	47000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	11000	U	11000	U	11000	U	47000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	46000	U	20000	U	13000	U	40000	U	12000	U	11000	U	11000	U	11000	U	47000	U
Pentachlorophenol	87-86-5	ppb-TOC	290000	U	120000	U	77000	U	250000	U	77000	U	68000	U	69000	U	680000	U	290000	U
Phenanthrene	85-01-8	ppb-TOC	54000		9800		11000		100000		11000		23000		36000		54000		87000	
Phenol	108-95-2	ppb-TOC	46000	U	20000	U	13000	U	40000	U	13000	U	1000		11000	U	11000	U	47000	U
Pyrene	129-00-0	ppb-TOC	54000		20000		20000		80000		17000		47000		53000		52000		78000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	200000		130000		120000		290000		80000		230000		220000		260000		270000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	140000		29000		32000		250000		27000		70000		89000		160000		240000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	340000		160000		160000		540000		110000		310000		330000		420000		520000	

		Location ID	VT-08-15		VT-08-16		VT-08-16		VT-08-16		VT-08-16		VT-08-16		VT-08-16		VT-08-17		VT-08-17	
		Sample Name	HAB-15-95-115		HAB-16-00-05		HAB-16-05-15		HAB-16-15-25		HAB-16-25-35		HAB-16-35-55		HAB-16-55-75		HAB-17-00-05		HAB-17-05-15	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/5/2008		3/5/2008	
		Depth	9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	50000	U	24000	U	820		2600		8800	U	10000	U	12000	U	1300		1300	
1,2-Dichlorobenzene	95-50-1	ppb-TOC	50000	U	24000	U	19000	U	1600		8800	U	10000	U	12000	U	21000	U	1200	
1,3-Dichlorobenzene	541-73-1	ppb-TOC	50000	U	24000	U	19000	U	960		8800	U	10000	U	12000	U	1200		1600	
1,4-Dichlorobenzene	106-46-7	ppb-TOC	4600		1900		1900		6000		780		10000	U	12000	U	3500		5300	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	310000	U	140000	U	120000	U	67000	U	53000	U	62000	U	72000	U	130000	U	56000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	16000		24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
2-Chloronaphthalene	91-58-7	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
2-Chlorophenol	95-57-8	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
2-Methylnaphthalene	91-57-6	ppb-TOC	26000		3000		3400		19000		18000		31000		8800		5900		7600	
2-Methylphenol	95-48-7	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
2-Nitroaniline	88-74-4	ppb-TOC	310000	U	140000	U	120000	U	67000	U	53000	U	62000	U	72000	U	130000	U	56000	U
2-Nitrophenol	88-75-5	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	310000	U	140000	U	120000	U	67000	U	53000	U	62000	U	72000	U	130000	U	56000	U
3-Nitroaniline	99-09-2	ppb-TOC	310000	U	140000	U	120000	U	67000	U	53000	U	62000	U	72000	U	130000	U	56000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	310000	U	140000	U	120000	U	67000	U	53000	U	62000	U	72000	U	130000	U	56000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	50000	U	24000	U	19000	U	110000	U	8800	U	10000	U	12000	U	21000	U	9100	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
4-Chloroaniline	106-47-8	ppb-TOC	50000	U	24000	U	1200		11000	U	8800	U	10000	U	12000	U	6300		7400	
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
4-Methylphenol	106-44-5	ppb-TOC	4400		2300		2000		2600		3800		3300		4600		3500		4300	
4-Nitroaniline	100-01-6	ppb-TOC	310000	U	140000	U	120000	U	67000	U	53000	U	62000	U	72000	U	130000	U	56000	U
4-Nitrophenol	100-02-7	ppb-TOC	310000	U	140000	U	120000	U	67000	U	53000	U	62000	U	72000	U	130000	U	56000	U
Acenaphthene	83-32-9	ppb-TOC	9200		1500		1600		7500		12000		17000		7400		5900		11000	
Acenaphthylene	208-96-8	ppb-TOC	6100		3600		4300		11000	U	13000		18000		11000		9200		8600	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	28000		7500		8500		39000		34000		51000		31000		24000		29000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	20000		16000		20000		30000		40000		77000		66000		25000		26000	
Benzo(a)pyrene	50-32-8	ppb-TOC	16000		19000		20000		25000		30000		55000		59000		27000		23000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	17000		22000		23000		26000		35000		51000		50000		33000		27000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	11000		12000		14000		17000		19000		27000		28000		19000		16000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	5400		6900		8500		10000		10000		20000		18000		12000		12000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	300000		75000		82000		130000		8800		2400		12000	U	970000		1100000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	50000	U	1600		19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	3100		1200		1300		110000	U	3000		3100		1900		6000		7800	
Chrysene	218-01-9	ppb-TOC	28000		19000		19000		33000		46000		71000		70000		33000		31000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	50000	U	2700		3000		3200		3500		6900		8800		4400		5700	
Dibenzofuran	132-64-9	ppb-TOC	6500		1200		1600		6800		7500		6600		2600		3200		7400	
Diethyl phthalate	84-66-2	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
Dimethylphthalate	131-11-3	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	50000	U	2000		1200		110000	U	8800	U	10000	U	12000	U	21000	U	4900	
Di-n-Octylphthalate	117-84-0	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
Fluoranthene	206-44-0	ppb-TOC	41000		27000		28000		47000		66000		100000		66000		59000		68000	
Fluorene	86-73-7	ppb-TOC	16000		2200		2500		13000		18000		22000		12000		7600		12000	
Hexachlorobenzene	118-74-1	ppb-TOC	50000	U	24000	U	19000	U	110000	U	8800	U	10000	U	12000	U	21000	U	9100	U
Hexachlorobutadiene	87-68-3	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	VT-08-15		VT-08-16		VT-08-16		VT-08-16		VT-08-16		VT-08-16		VT-08-16		VT-08-17		VT-08-17	
		Sample Name	HAB-15-95-115		HAB-16-00-05		HAB-16-05-15		HAB-16-15-25		HAB-16-25-35		HAB-16-35-55		HAB-16-55-75		HAB-17-00-05		HAB-17-05-15	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/5/2008		3/5/2008	
		Depth	9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	7800		12000		13000		13000		18000		27000		26000		21000		17000	
Isophorone	78-59-1	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
Naphthalene	91-20-3	ppb-TOC	11000		4600		4900		13000		15000		17000		8800		9500		16000	
Nitrobenzene	98-95-3	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
Pentachlorophenol	87-86-5	ppb-TOC	310000	U	140000	U	120000	U	670000	U	53000	U	62000	U	72000	U	130000	U	56000	U
Phenanthrene	85-01-8	ppb-TOC	70000		10000		12000		63000		59000		100000		57000		27000		51000	
Phenol	108-95-2	ppb-TOC	50000	U	24000	U	19000	U	11000	U	8800	U	10000	U	12000	U	21000	U	9100	U
Pyrene	129-00-0	ppb-TOC	59000		29000		37000		67000		69000		120000		98000		48000		56000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	200000		160000		190000		260000		340000		560000		480000		290000		290000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	170000		33000		37000		150000		160000		260000		140000		89000		130000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	370000		200000		220000		420000		510000		820000		630000		370000		410000	

		Location ID	VT-08-17		VT-08-17		VT-08-17		VT-08-18		VT-08-18		VT-08-19		VT-08-19		VT-08-19		VT-08-20	
		Sample Name	HAB-17-15-25		HAB-17-25-35		HAB-17-35-43		HAB-18-00-05		HAB-18-05-15		HAB-19-00-05		HAB-19-05-15		HAB-19-15-25		HAB-20-00-05	
		Date Collected	3/5/2008		3/5/2008		3/5/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008	
		Depth	1.5-2.5		2.5-3.5		3.5-4.3		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	1800		950		1300		2200		2100		62000	U	12000	U	22000	U	2600	
1,2-Dichlorobenzene	95-50-1	ppb-TOC	1300		1100		1200		1600		3000		62000	U	12000	U	22000	U	2800	
1,3-Dichlorobenzene	541-73-1	ppb-TOC	1800		1400		2300		2100		1700		62000	U	12000	U	22000	U	47000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	7400		4500		10000		7500		9900		62000	U	12000	U	22000	U	10000	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	84000	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	84000	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	8400	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	8400	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	510000	U	110000	U	110000	U	110000	U	110000	U	380000	U	72000	U	140000	U	270000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	84000	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	84000	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	84000	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
2-Chlorophenol	95-57-8	ppb-TOC	8400	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	17000		7200		25000		8100		39000		2600		12000	U	22000	U	43000	
2-Methylphenol	95-48-7	ppb-TOC	8400	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
2-Nitroaniline	88-74-4	ppb-TOC	510000	U	110000	U	110000	U	110000	U	110000	U	380000	U	72000	U	140000	U	270000	U
2-Nitrophenol	88-75-5	ppb-TOC	8400	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	510000	U	110000	U	110000	U	110000	U	110000	U	380000	U	72000	U	140000	U	270000	U
3-Nitroaniline	99-09-2	ppb-TOC	510000	U	110000	U	110000	U	110000	U	110000	U	380000	U	72000	U	140000	U	270000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	510000	U	110000	U	110000	U	110000	U	110000	U	380000	U	72000	U	140000	U	270000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	84000	U	19000	U	18000	U	18000	U	88000	U	62000	U	12000	U	22000	U	47000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	8400	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
4-Chloroaniline	106-47-8	ppb-TOC	6900		6900		3500		18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	84000	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
4-Methylphenol	106-44-5	ppb-TOC	5400		4000		4800		3100		3900		62000	U	12000	U	22000	U	4700	
4-Nitroaniline	100-01-6	ppb-TOC	510000	U	110000	U	110000	U	110000	U	110000	U	380000	U	72000	U	140000	U	270000	U
4-Nitrophenol	100-02-7	ppb-TOC	510000	U	110000	U	110000	U	110000	U	110000	U	380000	U	72000	U	140000	U	270000	U
Acenaphthene	83-32-9	ppb-TOC	15000		8700		19000		5000		13000		62000	U	12000	U	22000	U	20000	
Acenaphthylene	208-96-8	ppb-TOC	6200		6300		9400		12000		18000	U	62000	U	12000	U	22000	U	16000	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	29000		18000		46000		30000		86000		8100		12000	U	22000	U	97000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	33000		26000		42000		34000		43000		14000		12000	U	22000	U	66000	
Benzo(a)pyrene	50-32-8	ppb-TOC	28000		25000		27000		44000		27000		12000		12000	U	22000	U	47000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	33000		34000		33000		47000		30000		12000		12000	U	22000	U	58000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	17000		16000		18000		31000		18000		8300		12000	U	22000	U	33000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	12000		9100		12000		18000		8300		4700		12000	U	22000	U	17000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	8400	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	8400	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	1100000		910000		710000		340000		320000		55000		12000	U	22000	U	660000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	84000	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	6600		4400		8500		18000	U	88000	U	62000	U	12000	U	22000	U	47000	U
Chrysene	218-01-9	ppb-TOC	40000		32000		44000		44000		45000		13000		12000	U	22000	U	74000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	84000	U	3800		4000		6500		18000	U	62000	U	12000	U	22000	U	7000	
Dibenzofuran	132-64-9	ppb-TOC	9100		4800		9600		3700		9500		62000	U	12000	U	22000	U	9300	
Diethyl phthalate	84-66-2	ppb-TOC	84000	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
Dimethylphthalate	131-11-3	ppb-TOC	84000	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	8800		2300		18000	U	18000	U	88000	U	62000	U	12000	U	22000	U	47000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	14000		19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
Fluoranthene	206-44-0	ppb-TOC	72000		53000		81000		75000		130000		19000		12000	U	930		100000	
Fluorene	86-73-7	ppb-TOC	19000		9800		27000		5900		25000		62000	U	12000	U	22000	U	31000	
Hexachlorobenzene	118-74-1	ppb-TOC	84000	U	19000	U	18000	U	18000	U	88000	U	62000	U	12000	U	22000	U	47000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	8400	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	85000	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	23000	U	47000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	VT-08-17		VT-08-17		VT-08-17		VT-08-18		VT-08-18		VT-08-19		VT-08-19		VT-08-19		VT-08-20	
		Sample Name	HAB-17-15-25		HAB-17-25-35		HAB-17-35-43		HAB-18-00-05		HAB-18-05-15		HAB-19-00-05		HAB-19-05-15		HAB-19-15-25		HAB-20-00-05	
		Date Collected	3/5/2008		3/5/2008		3/5/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008	
		Depth	1.5-2.5		2.5-3.5		3.5-4.3		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	8400	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	19000		16000		15000		31000		14000		7400		12000	U	22000	U	26000	
Isophorone	78-59-1	ppb-TOC	8400	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
Naphthalene	91-20-3	ppb-TOC	18000		12000		21000		12000		19000		3800		12000	U	22000	U	23000	
Nitrobenzene	98-95-3	ppb-TOC	8400	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	8400	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	84000	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
Pentachlorophenol	87-86-5	ppb-TOC	510000	U	110000	U	110000	U	110000	U	530000	U	380000	U	72000	U	140000	U	270000	U
Phenanthrene	85-01-8	ppb-TOC	63000		38000		96000		31000		190000		6700		12000	U	22000	U	110000	
Phenol	108-95-2	ppb-TOC	8400	U	19000	U	18000	U	18000	U	18000	U	62000	U	12000	U	22000	U	47000	U
Pyrene	129-00-0	ppb-TOC	80000		54000		100000		69000		89000		31000		12000	U	22000	U	140000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	330000		260000		370000		400000		400000		120000		12000	U	620		580000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	170000		100000		250000		110000		370000		21000		12000	U	22000	U	340000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	500000		370000		620000		500000		770000		140000		12000	U	620		930000	

		Location ID	VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-21		VT-08-21	
		Sample Name	HAB-20-05-15		HAB-20-15-25		HAB-20-25-35		HAB-20-35-55		HAB-20-55-75		HAB-20-75-95		HAB-20-95-115		HAB-21-00-05		HAB-21-05-15	
		Date Collected	3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	29000	U	920		4100		4200		2500		15000	U	28000	U	440		15000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	29000	U	25000	U	2900		1700		1500		850		28000	U	13000	U	15000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	29000	U	1700		32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	4500		5100		11000		2800		4300		2000		28000	U	860		1200	
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																		
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																		
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	170000	U	150000	U	190000	U	110000	U	160000	U	94000	U	170000	U	76000	U	94000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
2-Chlorophenol	95-57-8	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	16000		32000		57000		45000		42000		24000		43000		2300		1500	
2-Methylphenol	95-48-7	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
2-Nitroaniline	88-74-4	ppb-TOC	170000	U	150000	U	190000	U	110000	U	160000	U	94000	U	170000	U	76000	U	94000	U
2-Nitrophenol	88-75-5	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	170000	U	150000	U	190000	U	110000	U	160000	U	94000	U	170000	U	76000	U	94000	U
3-Nitroaniline	99-09-2	ppb-TOC	170000	U	150000	U	190000	U	110000	U	160000	U	94000	U	170000	U	76000	U	94000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	170000	U	150000	U	190000	U	110000	U	160000	U	94000	U	170000	U	76000	U	94000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	29000	U	25000	U	32000	U	19000	U	140000	U	15000	U	28000	U	13000	U	15000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
4-Chloroaniline	106-47-8	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
4-Methylphenol	106-44-5	ppb-TOC	2000		2500		4900		3500		7300		3500		6600		990		1600	
4-Nitroaniline	100-01-6	ppb-TOC	170000	U	150000	U	190000	U	110000	U	160000	U	94000	U	170000	U	76000	U	94000	U
4-Nitrophenol	100-02-7	ppb-TOC	170000	U	150000	U	190000	U	110000	U	160000	U	94000	U	170000	U	76000	U	94000	U
Acenaphthene	83-32-9	ppb-TOC	7000		9900		14000		11000		10000		12000		32000		1600		2700	
Acenaphthylene	208-96-8	ppb-TOC	8000		25000	U	14000		19000	U	13000		9400		23000		4200		6200	
Acetophenone	98-86-2	ppb-TOC																		
Anthracene	120-12-7	ppb-TOC	29000		32000		110000		57000		79000		42000		83000		7600		13000	
Atrazine	1912-24-9	ppb-TOC																		
Benzaldehyde	100-52-7	ppb-TOC																		
Benzo(a)anthracene	56-55-3	ppb-TOC	35000		23000		37000		31000		35000		36000		70000		29000		24000	
Benzo(a)pyrene	50-32-8	ppb-TOC	27000		18000		27000		23000		29000		28000		55000		29000		30000	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	29000		21000		29000		23000		32000		35000		57000		34000		32000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	18000		12000		22000		15000		19000		15000		28000		18000		18000	
Benzo(k)fluoranthene	207-08-9	ppb-TOC	11000		5800		12000		6400		9800		9400		22000		13000		11000	
Biphenyl	92-52-4	ppb-TOC																		
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	230000		190000		250000		75000		100000		42000		11000		57000		67000	
Butyl benzyl phthalate	85-68-7	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	1900		15000	U
Caprolactam	105-60-2	ppb-TOC																		
Carbazole	86-74-8	ppb-TOC	29000	U	3900		32000	U	19000	U	140000	U	3900		10000		1900		4700	
Chrysene	218-01-9	ppb-TOC	40000		28000		52000		36000		49000		43000		79000		31000		27000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	4800		2500		4900		2800		4800		3400		9200		4000		4200	
Dibenzofuran	132-64-9	ppb-TOC	3700		7600		12000		19000	U	8300		7300		16000		1200		2000	
Diethyl phthalate	84-66-2	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
Dimethylphthalate	131-11-3	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	29000	U	25000	U	32000	U	19000	U	140000	U	15000	U	28000	U	1100		15000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	1500		15000	U
Fluoranthene	206-44-0	ppb-TOC	53000		53000		120000		43000		95000		76000		150000		50000		42000	
Fluorene	86-73-7	ppb-TOC	14000		21000		28000		17000		20000		20000		36000		2500		3200	
Hexachlorobenzene	118-74-1	ppb-TOC	29000	U	25000	U	32000	U	19000	U	140000	U	15000	U	28000	U	13000	U	15000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	17000	U	28000	U	13000	U	15000	U

		Location ID	VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-21		VT-08-21	
		Sample Name	HAB-20-05-15		HAB-20-15-25		HAB-20-25-35		HAB-20-35-55		HAB-20-55-75		HAB-20-75-95		HAB-20-95-115		HAB-21-00-05		HAB-21-05-15	
		Date Collected	3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	16000		9400		16000		10000		18000		14000		36000		18000		18000	
Isophorone	78-59-1	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
Naphthalene	91-20-3	ppb-TOC	11000		14000		24000		15000		21000		22000		36000		5500		4700	
Nitrobenzene	98-95-3	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	31000		13000	U	15000	U
Pentachlorophenol	87-86-5	ppb-TOC	170000	U	150000	U	190000	U	110000	U	810000	U	94000	U	170000	U	76000	U	94000	U
Phenanthrene	85-01-8	ppb-TOC	45000		69000		160000		95000		91000		70000		170000		25000		24000	
Phenol	108-95-2	ppb-TOC	29000	U	25000	U	32000	U	19000	U	27000	U	15000	U	28000	U	13000	U	15000	U
Pyrene	129-00-0	ppb-TOC	72000		53000		88000		69000		70000		76000		130000		57000		42000	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	290000		230000		410000		260000		360000		340000		630000		290000		250000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	130000		180000		410000		240000		280000		200000		430000		48000		54000	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	430000		410000		810000		500000		630000		530000		1100000		320000		300000	

		Location ID	VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22	
		Sample Name	HAB-22-00-05		HAB-22-05-15		HAB-22-15-25		HAB-22-25-35		HAB-22-35-55		HAB-22-55-75		HAB-22-75-95		HAB-22-95-107	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.7	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC																
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	66000	U	62000	U	41000	U	1800		61000	U	160000	U	3400		17000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	840		17000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	66000	U	3800		5400		6800		61000	U	8900		1500		17000	U
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC																
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC																
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
2,4-Dichlorophenol	120-83-2	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
2,4-Dimethylphenol	105-67-9	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
2,4-Dinitrophenol	51-28-5	ppb-TOC	410000	U	380000	U	260000	U	240000	U	370000	U	920000	U	65000	U	100000	U
2,4-Dinitrotoluene	121-14-2	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	24000		11000	U	17000	U
2,6-Dinitrotoluene	606-20-2	ppb-TOC	66000	U	62000	U	41000	U	13000		61000	U	160000	U	11000	U	17000	U
2-Chloronaphthalene	91-58-7	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
2-Chlorophenol	95-57-8	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
2-Methylnaphthalene	91-57-6	ppb-TOC	8200		29000		29000		23000		12000		50000		17000		17000	U
2-Methylphenol	95-48-7	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
2-Nitroaniline	88-74-4	ppb-TOC	410000	U	380000	U	260000	U	240000	U	370000	U	920000	U	65000	U	100000	U
2-Nitrophenol	88-75-5	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	410000	U	380000	U	260000	U	240000	U	370000	U	920000	U	65000	U	100000	U
3-Nitroaniline	99-09-2	ppb-TOC	410000	U	380000	U	260000	U	240000	U	370000	U	920000	U	65000	U	100000	U
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	410000	U	380000	U	260000	U	240000	U	370000	U	920000	U	65000	U	100000	U
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
4-Chloroaniline	106-47-8	ppb-TOC	3700		11000		41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
4-Methylphenol	106-44-5	ppb-TOC	66000	U	62000	U	5600		13000		61000	U	160000	U	4500		17000	U
4-Nitroaniline	100-01-6	ppb-TOC	410000	U	380000	U	260000	U	240000	U	370000	U	920000	U	65000	U	100000	U
4-Nitrophenol	100-02-7	ppb-TOC	410000	U	380000	U	260000	U	240000	U	370000	U	920000	U	65000	U	100000	U
Acenaphthene	83-32-9	ppb-TOC	18000		9500		9000		6700		4200		14000		5600		17000	U
Acenaphthylene	208-96-8	ppb-TOC	4600		7700		5800		5700		3500		9300		4900		17000	U
Acetophenone	98-86-2	ppb-TOC																
Anthracene	120-12-7	ppb-TOC	93000		49000		31000		40000		16000		61000		30000		2300	
Atrazine	1912-24-9	ppb-TOC																
Benzaldehyde	100-52-7	ppb-TOC																
Benzo(a)anthracene	56-55-3	ppb-TOC	150000		29000		23000		24000		18000		38000		16000		5400	
Benzo(a)pyrene	50-32-8	ppb-TOC	82000		21000		18000		16000		13000		23000		11000		5400	
Benzo(b)fluoranthene	205-99-2	ppb-TOC	110000		22000		18000		16000		15000		24000		12000		5000	
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	36000		15000		11000		10000		12000		22000		8200		17000	U
Benzo(k)fluoranthene	207-08-9	ppb-TOC	29000		8400		5800		6200		4800		9100		4300		2100	
Biphenyl	92-52-4	ppb-TOC																
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	210000		240000		200000		150000		120000		250000		49000		1600	
Butyl benzyl phthalate	85-68-7	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
Caprolactam	105-60-2	ppb-TOC																
Carbazole	86-74-8	ppb-TOC	7800		3800		41000	U	2300		61000	U	160000	U	11000	U	17000	U
Chrysene	218-01-9	ppb-TOC	120000		31000		27000		26000		18000		47000		20000		5000	
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	11000		62000	U	41000	U	39000	U	61000	U	160000	U	1700		17000	U
Dibenzofuran	132-64-9	ppb-TOC	6600		6400		7300		5400		3500		11000		4500		17000	U
Diethyl phthalate	84-66-2	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
Dimethylphthalate	131-11-3	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
Di-n-Butylphthalate	84-74-2	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
Di-n-Octylphthalate	117-84-0	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
Fluoranthene	206-44-0	ppb-TOC	390000		53000		45000		42000		26000		61000		39000		9600	
Fluorene	86-73-7	ppb-TOC	16000		17000		18000		13000		8800		25000		10000		810	
Hexachlorobenzene	118-74-1	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
Hexachlorobutadiene	87-68-3	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	66000	U	64000	U	42000	U	40000	U	61000	U	160000	U	11000	U	17000	U

Table B-8
TOC-Normalized Semivolatiles

		Location ID	VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22	
		Sample Name	HAB-22-00-05		HAB-22-05-15		HAB-22-15-25		HAB-22-25-35		HAB-22-35-55		HAB-22-55-75		HAB-22-75-95		HAB-22-95-107	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.7	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Hexachloroethane	67-72-1	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	41000		11000		8200		8100		7200		160000	U	6700		3200	
Isophorone	78-59-1	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
Naphthalene	91-20-3	ppb-TOC	7300		12000		9200		12000		6600		19000		8800		17000	U
Nitrobenzene	98-95-3	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
Pentachlorophenol	87-86-5	ppb-TOC	410000	U	380000	U	260000	U	240000	U	370000	U	920000	U	65000	U	100000	U
Phenanthrene	85-01-8	ppb-TOC	150000		62000		85000		48000		37000		100000		52000		4200	
Phenol	108-95-2	ppb-TOC	66000	U	62000	U	41000	U	39000	U	61000	U	160000	U	11000	U	17000	U
Pyrene	129-00-0	ppb-TOC	320000		66000		55000		55000		37000		100000		41000		9600	
Total HMW PAHs-SVOC	No CAS	ppb-TOC	1300000		260000		200000		210000		150000		320000		160000		46000	
Total LMW PAHs-SVOC	No CAS	ppb-TOC	300000		190000		190000		150000		88000		280000		130000		7300	
TOTAL PAHs - SVOC	No CAS	ppb-TOC	1600000		440000		400000		350000		240000		610000		280000		54000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	12A-0401-C1		12A-0401-C2		12A-0401-C2		12A-0402-C3		12A-0402-C4		12A-0402-C4		12A-0403-C1		12A-0403-C1		12A-0404-C3		12A-0404-C3		12A-0405-C2	
		Sample Name	12A-0401-C1AS		12A-0401-C2BS		12A-0401-C2CS		12A-0402-C3AS		12A-0402-C4BS		12A-0402-C4CS		12A-0403-C1BS		12A-0403-C1CS		12A-0404-C3BS		12A-0404-C3CS		12A-0405-C2BS	
		Date Collected	2/9/2012		2/9/2012		2/9/2012		2/8/2012		2/8/2012		2/8/2012		2/7/2012		2/7/2012		2/1/2012		2/1/2012		2/1/2012	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5		1.5-2.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	33000		8000		1800		22000		16000		18000		24000		9500		59000		20000		36000	

		Location ID	12A-0405-C2		12A-0405-C3		12A-0406-C2		12A-0406-C2		12A-0406-C3		12A-0407-C3		12A-0407-C3		12A-0408-C1		12A-0408-C3		12A-0408-C3		12A-0409-C7	
		Sample Name	12A-0405-C2CS		12A-0405-C3AS		12A-0406-C2BS		12A-0406-C2CS		12A-0406-C3AS		12A-0407-C3BS		12A-0407-C3CS		12A-0408-C1AS		12A-0408-C3BS		12A-0408-C3CS		12A-0409-C7BS	
		Date Collected	2/1/2012		2/1/2012		1/28/2012		1/28/2012		1/28/2012		1/26/2012		1/26/2012		2/3/2012		2/3/2012		2/3/2012		2/6/2012	
		Depth	1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	50000		15000		76000		110000		30000		32000		22000		69000		110000		140000		45000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	12A-0409-C7		12A-0409-C8		12A-0410-C2		12A-0410-C2		12A-0410-C3		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087	
		Sample Name	12A-0409-C7CS		12A-0409-C8AS		12A-0410-C2BS		12A-0410-C2CS		12A-0410-C3AS		AK02SED087C-01		AK02SED087C-02		AK02SED087C-03		AK02SED087C-04		AK02SED087C-05		AK02SED087C-06	
		Date Collected	2/6/2012		2/6/2012		2/6/2012		2/6/2012		2/6/2012		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007	
		Depth	1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	27000		40000		94000		130000		57000		43000		56000		57000		96000		98000		110000	

		Location ID	AK02SED087		AK02SED087		AK02SED087		AK02SED087		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED084	
		Sample Name	AK02SED087C-07		AK02SED087C-08		AK02SED087C-09		AK02SED087C-10		ER02SED083G-01		ER02SED083G-02		ER02SED083G-03		ER02SED083G-04		ER02SED083G-05		ER02SED083G-06		ER02SED084D-01	
		Date Collected	11/27/2007		11/27/2007		11/27/2007		11/27/2007		12/3/2007		12/3/2007		12/3/2007		12/3/2007		12/3/2007		12/3/2007		11/30/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-14.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	140000		280000		210000		140000		35000		110000		100000		41000		6900		5800	U	28000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084		HR01SED067		HR01SED067		HR01SED067		HR01SED067	
		Sample Name	ER02SED084D-02		ER02SED084D-03		ER02SED084D-04		ER02SED084D-05		ER02SED084D-06		ER02SED084D-07		ER02SED084D-08		HR01SED067B-01		HR01SED067B-02		HR01SED067B-03		HR01SED067B-04	
		Date Collected	11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		12/1/2005		12/1/2005		12/1/2005		12/1/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC															6800		5900		4400		2200	
Total Petroleum Hydrocarbons	TPH	ppm-TOC	55000		31000		88000		93000		110000		12000		10000	U								

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	HR01SED067		HR01SED067		HR01SED069		HR01SED069		HR02SED103		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081	
		Sample Name	HR01SED067B-05		HR01SED067B-06		HR01SED069C-01		HR01SED069C-02		HR02SED103E-01		KK02SED081D-01		KK02SED081D-02		KK02SED081D-03		KK02SED081D-04		KK02SED081D-05		KK02SED081D-06			
		Date Collected	12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/13/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007			
		Depth	3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5			
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft			
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N			
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
TPH																										
TEPH	TEPH	ppm-TOC	1700		2000		7600		4300																	
Total Petroleum Hydrocarbons	TPH	ppm-TOC									37000		71000		100000		4300		2100	U	2300	U	2400	U		

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	KK02SED081		KK02SED081		KK02SED081		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095	
		Sample Name	KK02SED081D-07		KK02SED081D-08		KK02SED081D-09		KK02SED095E-01		KK02SED095E-02		KK02SED095E-03		KK02SED095E-04		KK02SED095E-05		KK02SED095E-06		KK02SED095E-07		KK02SED095E-08	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	2000	U	2400	U	2000	U	160000		110000		180000		220000		320000		240000		160000		160000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096	
		Sample Name	KK02SED095E-09		KK02SED095E-10		KK02SED095E-11		KK02SED095E-12		KK02SED096D-01		KK02SED096D-02		KK02SED096D-03		KK02SED096D-04		KK02SED096D-05		KK02SED096D-06		KK02SED096D-07	
		Date Collected	11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	39000		19000		3700		2600		40000		52000		39000		57000		60000		100000		130000	

		Location ID	KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085	
		Sample Name	KK02SED096D-08		KK02SED096D-09		KK02SED096D-10		KK02SED096D-11		KK02SED096D-12		MC02SED085C-01		MC02SED085C-02		MC02SED085C-03		MC02SED085C-04		MC02SED085C-05		MC02SED085C-06	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007	
		Depth	9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	200000		230000		320000		260000		280000		130000		130000		170000		130000		790000		770000	

		Location ID	MC02SED085		MC02SED085		MC02SED085		MC02SED085		NB01SED001A		NB01SED001A		NB01SED001A		NB01SED002		NB01SED002		NB01SED002		NB01SED002	
		Sample Name	MC02SED085C-07		MC02SED085C-08		MC02SED085C-09		MC02SED085C-10		NB01SED001B-01		NB01SED001B-02		NB01SED001B-03		NB01SED002B-01		NB01SED002B-02		NB01SED002B-03		NB01SED002B-04	
		Date Collected	12/14/2007		12/14/2007		12/14/2007		12/14/2007		11/13/2005		11/13/2005		11/13/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC									73000		74000		50000		39000		27000		4000		14000	U
Total Petroleum Hydrocarbons	TPH	ppm-TOC	2900000		750000		830000		500000															

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED003		NB01SED003		NB01SED003		NB01SED003		NB01SED004		NB01SED004		NB01SED004		NB01SED005		NB01SED005		NB01SED005		NB01SED005	
		Sample Name	NB01SED003D-01		NB01SED003D-02		NB01SED003D-03		NB01SED003D-04		NB01SED004B-01		NB01SED004B-02		NB01SED004B-03		NB01SED005A-01		NB01SED005A-02		NB01SED005A-03		NB01SED005A-04	
		Date Collected	10/31/2005		10/31/2005		10/31/2005		10/31/2005		10/30/2005		10/30/2005		10/30/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	47000		31000		13000		2100		44000		100000		110000		50000		38000		85000		140000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED006A		NB01SED006A		NB01SED006A		NB01SED007		NB01SED007		NB01SED007		NB01SED007		NB01SED008A		NB01SED008A		NB01SED008A		NB01SED009	
		Sample Name	NB01SED006AA-01		NB01SED006AA-02		NB01SED006AA-03		NB01SED007A-01		NB01SED007A-02		NB01SED007A-03		NB01SED007A-04		NB01SED008AA-01		NB01SED008AA-02		NB01SED008AA-03		NB01SED009A-01	
		Date Collected	11/27/2005		11/27/2005		11/27/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/14/2005		11/14/2005		11/14/2005		11/6/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	47000		15000		32000		34000		33000		75000		54000		58000		95000		52000		24000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED009		NB01SED009		NB01SED009		NB01SED010A		NB01SED010A		NB01SED010A		NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED011	
		Sample Name	NB01SED009A-02		NB01SED009A-03		NB01SED009A-04		NB01SED010I-01		NB01SED010I-02		NB01SED010I-03		NB01SED011B-01		NB01SED011B-02		NB01SED011B-03		NB01SED011B-04		NB01SED011B-05	
		Date Collected	11/6/2005		11/6/2005		11/6/2005		10/31/2005		10/31/2005		10/31/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.3		1.3-2.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	110000		31000		22000		28000		140000		180000		84000		840		2100		2100		2500	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED011		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED013		NB01SED013		NB01SED013	
		Sample Name	NB01SED011B-06		NB01SED012A-01		NB01SED012A-02		NB01SED012A-03		NB01SED012A-04		NB01SED012A-05		NB01SED012A-06		NB01SED012A-07		NB01SED013C-02		NB01SED013C-03		NB01SED013C-04	
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		10/31/2005		10/31/2005		10/31/2005	
		Depth	4.5-5.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		6.5-8.0		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	2600		72000		74000		96000		98000		120000		280000		190000		86000		19000		1500	U
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED014		NB01SED014		NB01SED014		NB01SED014		NB01SED015		NB01SED015		NB01SED015		NB01SED015		NB01SED016		NB01SED016		NB01SED016	
		Sample Name	NB01SED014A-01		NB01SED014A-02		NB01SED014A-03		NB01SED014A-04		NB01SED015A-01		NB01SED015A-02		NB01SED015A-03		NB01SED015A-04		NB01SED016C-01		NB01SED016C-02		NB01SED016C-03	
		Date Collected	11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/13/2005		11/13/2005		11/13/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	110000		140000		4500		4500		62000		17000		280000		81000		40000		48000		61000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED016		NB01SED017		NB01SED017		NB01SED017		NB01SED018		NB01SED018		NB01SED019		NB01SED019		NB01SED019		NB01SED019		NB01SED020	
		Sample Name	NB01SED016C-04		NB01SED017B-01		NB01SED017B-02		NB01SED017B-03		NB01SED018D-01		NB01SED018D-02		NB01SED019A-01		NB01SED019A-02		NB01SED019A-03		NB01SED019A-04		NB01SED020A-01	
		Date Collected	11/13/2005		11/20/2005		11/20/2005		11/20/2005		11/6/2005		11/6/2005		11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/8/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	73000		17000		27000		19000		29000		7600		200000		76000		4400		1300		58000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED021		NB01SED021		NB01SED022		NB01SED022		NB01SED022		NB01SED022	
		Sample Name	NB01SED020A-02		NB01SED020A-03		NB01SED020A-04		NB01SED020A-05		NB01SED020A-06		NB01SED021B-01		NB01SED021B-02		NB01SED022A-01		NB01SED022A-02		NB01SED022A-03		NB01SED022A-04	
		Date Collected	11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/20/2005		11/20/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	59000		91000		130000		130000		210000		12000		25000		37000		29000		48000		43000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED023		NB01SED023		NB01SED023		NB01SED023		NB01SED024		NB01SED024		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED025	
		Sample Name	NB01SED023A-01		NB01SED023A-02		NB01SED023A-03		NB01SED023A-04		NB01SED024B-01		NB01SED024B-02		NB01SED025B-01		NB01SED025B-02		NB01SED025B-03		NB01SED025B-04		NB01SED025B-05	
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	48000		100000		43000		260000		41000		29000		47000		180000		260000		270000		270000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED025		NB01SED026		NB01SED026		NB01SED027		NB01SED027		NB01SED027		NB01SED028		NB01SED028		NB01SED028		NB01SED028		NB01SED028	
		Sample Name	NB01SED025B-06		NB01SED026A-01		NB01SED026A-03		NB01SED027A-01		NB01SED027A-02		NB01SED027A-03		NB01SED028C-01		NB01SED028C-02		NB01SED028C-03		NB01SED028C-04		NB01SED028C-05	
		Date Collected	11/8/2005		11/2/2005		11/2/2005		11/14/2005		11/14/2005		11/14/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005	
		Depth	5.0-6.5		0.0-0.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	270000		130000		88000		31000		15000		12000		28000		36000		57000		88000		71000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED028		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED030		NB01SED030		NB01SED031		NB01SED031	
		Sample Name	NB01SED028C-06		NB01SED029C-01		NB01SED029C-02		NB01SED029C-03		NB01SED029C-04		NB01SED029C-05		NB01SED029C-06		NB01SED030B-01		NB01SED030B-02		NB01SED031A-01		NB01SED031A-02	
		Date Collected	11/9/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/14/2005		11/14/2005	
		Depth	5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5		4.5-5.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	57000		41000		63000		59000		53000		31000		62000		47000		53000		37000		43000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED031		NB01SED032		NB01SED032		NB01SED032		NB01SED032		NB01SED033A		NB01SED033A		NB01SED034A		NB01SED034A		NB01SED034A		NB01SED035A	
		Sample Name	NB01SED031A-03		NB01SED032A-01		NB01SED032A-02		NB01SED032A-03		NB01SED032A-04		NB01SED033AD-01		NB01SED033AD-02		NB01SED034AC-01		NB01SED034AC-02		NB01SED034AC-03		NB01SED035AC-01	
		Date Collected	11/14/2005		11/13/2005		11/13/2005		11/13/2005		11/13/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005	
		Depth	1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	31000		45000		100000		110000		130000		11000		13000		32000		20000		9100		42000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED036		NB01SED036		NB01SED036		NB01SED037		NB01SED037		NB01SED037		NB01SED037		NB01SED038		NB01SED038		NB01SED038		NB01SED038	
		Sample Name	NB01SED036F-01		NB01SED036F-02		NB01SED036F-03		NB01SED037C-01		NB01SED037C-02		NB01SED037C-03		NB01SED037C-04		NB01SED038A-01		NB01SED038A-02		NB01SED038A-03		NB01SED038A-04	
		Date Collected	11/27/2005		11/27/2005		11/27/2005		11/14/2005		11/14/2005		11/14/2005		11/14/2005		11/20/2005		11/20/2005		11/20/2005		11/20/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	120000		86000		71000		65000		69000		120000		3400		8800		4400	U	3600	U	1700	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED039		NB01SED039		NB01SED039		NB01SED039		NB01SED040		NB01SED040		NB01SED040		NB01SED040		NB01SED041		NB01SED041		NB01SED041	
		Sample Name	NB01SED039A-01		NB01SED039A-02		NB01SED039A-03		NB01SED039A-04		NB01SED040A-01		NB01SED040A-02		NB01SED040A-03		NB01SED040A-04		NB01SED041A-01		NB01SED041A-02		NB01SED041A-03	
		Date Collected	11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	61000		55000		5100		4900		82000		69000		62000		41000		87000		150000		72000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED041		NB01SED042		NB01SED042		NB01SED042		NB01SED043		NB01SED043		NB01SED043		NB01SED044		NB01SED044		NB01SED044		NB01SED044	
		Sample Name	NB01SED041A-04		NB01SED042B-01		NB01SED042B-02		NB01SED042B-03		NB01SED043C-01		NB01SED043C-02		NB01SED043C-03		NB01SED044A-01		NB01SED044A-02		NB01SED044A-03		NB01SED044A-04	
		Date Collected	11/15/2005		12/5/2005		12/5/2005		12/5/2005		11/20/2005		11/20/2005		11/20/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	95000		100000		81000		47000		20000		24000		58000		35000		84000		130000		140000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED044		NB01SED044		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED045		NB01SED046		NB01SED046		NB01SED046	
		Sample Name	NB01SED044A-05		NB01SED044A-06		NB01SED045B-01		NB01SED045B-02		NB01SED045B-03		NB01SED045B-04		NB01SED045B-05		NB01SED045B-06		NB01SED046E-01		NB01SED046E-02		NB01SED046E-03	
		Date Collected	11/27/2005		11/27/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		12/5/2005		12/5/2005		12/5/2005	
		Depth	3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	110000		150000		81000		57000		7100		2800		2500		1900		68000		120000		130000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED047		NB01SED047		NB01SED047		NB01SED048		NB01SED048		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049	
		Sample Name	NB01SED047A-01		NB01SED047A-02		NB01SED047A-03		NB01SED048A-01		NB01SED048A-02		NB01SED049C-01		NB01SED049C-02		NB01SED049C-03		NB01SED049C-04		NB01SED049C-05		NB01SED049C-06	
		Date Collected	11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	57000		50000		100000		40000		61000		82000		140000		130000		130000		120000		120000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED050		NB01SED050		NB01SED050		NB01SED050		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED052	
		Sample Name	NB01SED050A-01		NB01SED050A-02		NB01SED050A-03		NB01SED050A-04		NB01SED051D-01		NB01SED051D-02		NB01SED051D-03		NB01SED051D-04		NB01SED051D-05		NB01SED051D-06		NB01SED052B-01	
		Date Collected	12/4/2005		12/4/2005		12/4/2005		12/4/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		11/30/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	15000		3500		7400		4100		68000		76000		130000		75000		190000		120000		67000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

		Location ID	NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED053		NB01SED053		NB01SED053		NB01SED053		NB01SED053		NB01SED053	
		Sample Name	NB01SED052B-02		NB01SED052B-03		NB01SED052B-04		NB01SED052B-05		NB01SED052B-06		NB01SED053B-01		NB01SED053B-02		NB01SED053B-03		NB01SED053B-04		NB01SED053B-05		NB01SED053B-06	
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005		12/4/2005	
		Depth	0.5-1.5		1.5-3.5		3.5-6.0		6.0-8.5		8.5-11.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	96000		95000		150000		140000		210000		12000		4000		2400		2200		2000		4200	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED054		NB01SED054		NB01SED054		NB01SED054		NB01SED055		NB01SED055		NB01SED055		NB01SED056		NB01SED056		NB01SED056		NB01SED056	
		Sample Name	NB01SED054A-01		NB01SED054A-02		NB01SED054A-03		NB01SED054A-04		NB01SED055D-01		NB01SED055D-02		NB01SED055D-03		NB01SED056B-01		NB01SED056B-02		NB01SED056B-03		NB01SED056B-04	
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	24000		6700		4200		4800		50000		120000		200000		82000		130000		190000		150000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED056		NB01SED056		NB01SED057		NB01SED057		NB01SED057		NB01SED057		NB01SED058		NB01SED058		NB01SED058		NB01SED058		NB01SED059	
		Sample Name	NB01SED056B-05		NB01SED056B-06		NB01SED057B-01		NB01SED057B-02		NB01SED057B-03		NB01SED057B-04		NB01SED058B-01		NB01SED058B-02		NB01SED058B-03		NB01SED058B-04		NB01SED059A-01	
		Date Collected	11/30/2005		11/30/2005		12/6/2005		12/6/2005		12/6/2005		12/6/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005	
		Depth	3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	120000		150000		40000		440000		160000		120000		130000		240000		65000		3200		12000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED059		NB01SED059		NB01SED059		NB01SED060		NB01SED060		NB01SED060		NB01SED060		NB01SED061		NB01SED061		NB01SED062		NB01SED062	
		Sample Name	NB01SED059A-02		NB01SED059A-03		NB01SED059A-04		NB01SED060B-01		NB01SED060B-02		NB01SED060B-03		NB01SED060B-04		NB01SED061A-01		NB01SED061A-02		NB01SED062A-01		NB01SED062A-02	
		Date Collected	12/8/2005		12/8/2005		12/8/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/28/2005		11/28/2005		11/21/2005		11/21/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	1700		580		580		50000		32000		46000		67000		44000		25000		22000		3400	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED062		NB01SED062		NB01SED063		NB01SED063		NB01SED063		NB01SED063		NB01SED064		NB01SED064		NB01SED064		NB01SED065		NB01SED065	
		Sample Name	NB01SED062A-03		NB01SED062A-04		NB01SED063C-01		NB01SED063C-02		NB01SED063C-03		NB01SED063C-04		NB01SED064B-01		NB01SED064B-02		NB01SED064B-03		NB01SED065A-01		NB01SED065A-02	
		Date Collected	11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005		12/8/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.5		3.5-4.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	2100		3500		18000		35000		50000		7900		8200		16000		9300		35000		95000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED066		NB01SED066		NB01SED068		NB01SED068		NB01SED068		NB01SED068		NB01SED068	
		Sample Name	NB01SED065A-03		NB01SED065A-04		NB01SED065A-05		NB01SED065A-06		NB01SED066E-01		NB01SED066E-02		NB01SED068B-01		NB01SED068B-02		NB01SED068B-03		NB01SED068B-04		NB01SED068B-05	
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005	
		Depth	1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	16000		4600		3700		3800		25000		28000		44000		63000		66000		58000		65000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB01SED068		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED071	
		Sample Name	NB01SED068B-06		NB02SED070C-01		NB02SED070C-02		NB02SED070C-03		NB02SED070C-04		NB02SED070C-05		NB02SED070C-06		NB02SED070C-07		NB02SED070C-08		NB02SED070C-09		NB02SED071D-01	
		Date Collected	10/30/2005		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		11/15/2007	
		Depth	5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	54000																					
Total Petroleum Hydrocarbons	TPH	ppm-TOC			68000		77000		140000		150000		160000		140000		160000		160000		67000		29000	

		Location ID	NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED072		NB02SED072		NB02SED072	
		Sample Name	NB02SED071D-02		NB02SED071D-03		NB02SED071D-04		NB02SED071D-05		NB02SED071D-06		NB02SED071D-07		NB02SED071D-08		NB02SED071D-09		NB02SED072D-01		NB02SED072D-02		NB02SED072D-03	
		Date Collected	11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/14/2007		11/14/2007		11/14/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	34000		38000		38000		100000		180000		190000		190000		55000		24000		43000		74000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073	
		Sample Name	NB02SED072D-04		NB02SED072D-05		NB02SED072D-06		NB02SED072D-07		NB02SED072D-08		NB02SED073D-01		NB02SED073D-02		NB02SED073D-03		NB02SED073D-04		NB02SED073D-05		NB02SED073D-06	
		Date Collected	11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	35000		4600		2700	U	2000	U	5200	U	65000		35000		66000		64000		9700		1500	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074	
		Sample Name	NB02SED073D-07		NB02SED073D-08		NB02SED073D-09		NB02SED073D-15		NB02SED074C-02		NB02SED074C-03		NB02SED074C-04		NB02SED074C-05		NB02SED074C-06		NB02SED074C-07		NB02SED074C-08	
		Date Collected	11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		23.5-25.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	2300		2100		1400		2600		82000		99000		100000		120000		150000		77000		170000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED075		NB02SED075	
		Sample Name	NB02SED074C-09		NB02SED074C-10		NB02SED074C-11		NB02SED074C-12		NB02SED074C-13		NB02SED074C-14		NB02SED074C-15		NB02SED074C-16		NB02SED074C-17		NB02SED075F-01		NB02SED075F-02	
		Date Collected	11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		12/7/2007		12/7/2007	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	160000		180000		170000		170000		160000		120000		170000		140000		130000		26000		50000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076	
		Sample Name	NB02SED075F-03		NB02SED075F-04		NB02SED075F-05		NB02SED075F-06		NB02SED075F-07		NB02SED075F-08		NB02SED076D-01		NB02SED076D-02		NB02SED076D-03		NB02SED076D-04		NB02SED076D-05	
		Date Collected	12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.7		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	100000		37000		54000		67000		83000		110000		23000		21000		100000		72000		110000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076	
		Sample Name	NB02SED076D-06		NB02SED076D-07		NB02SED076D-08		NB02SED076D-09		NB02SED076D-10		NB02SED076D-11		NB02SED076D-12		NB02SED076D-13		NB02SED076D-14		NB02SED076D-15		NB02SED076D-16	
		Date Collected	10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	110000		150000		120000		130000		100000		49000		1500		1800		2100		1800		2300	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED076		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077	
		Sample Name	NB02SED076D-17		NB02SED077C-01		NB02SED077C-02		NB02SED077C-03		NB02SED077C-04		NB02SED077C-05		NB02SED077C-06		NB02SED077C-07		NB02SED077C-08		NB02SED077C-09		NB02SED077C-10	
		Date Collected	10/30/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007	
		Depth	27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	2600		23000		64000		96000		140000		150000		140000		130000		170000		160000		120000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED077		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078	
		Sample Name	NB02SED077C-11		NB02SED078F-01		NB02SED078H-02		NB02SED078H-03		NB02SED078H-04		NB02SED078H-05		NB02SED078H-06		NB02SED078H-07		NB02SED078H-08		NB02SED078H-09		NB02SED078H-10	
		Date Collected	11/15/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007	
		Depth	15.5-17.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	89000		26000		33000		52000		79000		85000		97000		98000		94000		130000		110000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED079		NB02SED079		NB02SED079		NB02SED079	
		Sample Name	NB02SED078H-11		NB02SED078H-12		NB02SED078H-13		NB02SED078H-14		NB02SED078H-15		NB02SED078H-16		NB02SED078H-17		NB02SED079C-01		NB02SED079C-02		NB02SED079C-03		NB02SED079C-04	
		Date Collected	10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007	
		Depth	15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	140000		180000		140000		160000		150000		120000		140000		33000		76000		110000		92000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED080		NB02SED080	
		Sample Name	NB02SED079C-05		NB02SED079C-06		NB02SED079C-07		NB02SED079C-08		NB02SED079C-09		NB02SED079C-10		NB02SED079C-11		NB02SED079C-12		NB02SED079C-13		NB02SED080C-01		NB02SED080C-02	
		Date Collected	10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		11/27/2007		11/27/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	120000		99000		140000		89000		80000		110000		64000		17000		7500		27000		36000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED082		NB02SED082		NB02SED082		NB02SED082	
		Sample Name	NB02SED080C-03		NB02SED080C-04		NB02SED080C-05		NB02SED080C-06		NB02SED080C-07		NB02SED080C-08		NB02SED080C-09		NB02SED082B-01		NB02SED082B-02		NB02SED082B-03		NB02SED082B-04	
		Date Collected	11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	45000		64000		84000		76000		100000		110000		27000		60000		88000		120000		140000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED088		NB02SED088		NB02SED088		NB02SED088		NB02SED089		NB02SED089		NB02SED089	
		Sample Name	NB02SED082B-05		NB02SED082B-06		NB02SED082B-07		NB02SED082B-08		NB02SED088G-01		NB02SED088G-02		NB02SED088G-03		NB02SED088G-04		NB02SED089C-01		NB02SED089C-02		NB02SED089C-03	
		Date Collected	11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/13/2007		11/13/2007		11/13/2007		11/13/2007		11/9/2007		11/9/2007		11/9/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-12.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	190000		220000		250000		270000		42000		110000		77000		58000		33000		150000		200000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED090		NB02SED090	
		Sample Name	NB02SED089C-04		NB02SED089C-05		NB02SED089C-06		NB02SED089C-07		NB02SED089C-08		NB02SED089C-09		NB02SED089C-10		NB02SED089C-11		NB02SED089C-12		NB02SED090E-01		NB02SED090E-02	
		Date Collected	11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/29/2007		11/29/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	230000		230000		230000		160000		270000		250000		250000		170000		130000		45000		45000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090	
		Sample Name	NB02SED090E-03		NB02SED090E-04		NB02SED090E-05		NB02SED090E-06		NB02SED090E-07		NB02SED090E-08		NB02SED090E-09		NB02SED090E-10		NB02SED090E-11		NB02SED090E-12		NB02SED090E-13	
		Date Collected	11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	85000		71000		94000		100000		130000		9700		1100	U	1200	U	2300	U	1200	U	2000	U

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED090		NB02SED090		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091	
		Sample Name	NB02SED090E-14		NB02SED090E-15		NB02SED091C-01		NB02SED091C-02		NB02SED091C-03		NB02SED091C-04		NB02SED091C-05		NB02SED091C-06		NB02SED091C-07		NB02SED091C-08		NB02SED091C-09	
		Date Collected	11/29/2007		11/29/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007	
		Depth	21.5-23.5		23.5-25.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	2500	U	3400	U	27000		47000		88000		100000		150000		160000		140000		160000		160000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED092		NB02SED092		NB02SED092		NB02SED092	
		Sample Name	NB02SED091C-10		NB02SED091C-11		NB02SED091C-12		NB02SED091C-13		NB02SED091C-14		NB02SED091C-15		NB02SED091C-16		NB02SED092C-01		NB02SED092C-02		NB02SED092C-03		NB02SED092C-04	
		Date Collected	11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007	
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	260000		200000		140000		26000		14000		11000		2700	U	36000		84000		110000		130000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092	
		Sample Name	NB02SED092C-05		NB02SED092C-06		NB02SED092C-07		NB02SED092C-08		NB02SED092C-09		NB02SED092C-10		NB02SED092C-11		NB02SED092C-12		NB02SED092C-13		NB02SED092C-14		NB02SED092C-15	
		Date Collected	11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	110000		140000		43000		130000		130000		140000		150000		120000		110000		76000		100000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED092		NB02SED092		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093	
		Sample Name	NB02SED092C-16		NB02SED092C-17		NB02SED093C-01		NB02SED093C-02		NB02SED093C-03		NB02SED093C-04		NB02SED093C-05		NB02SED093C-06		NB02SED093C-07		NB02SED093C-08		NB02SED093C-09	
		Date Collected	11/8/2007		11/8/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007	
		Depth	25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	110000		170000		42000		93000		110000		100000		98000		100000		110000		130000		130000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED093		NB02SED093		NB02SED093		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094	
		Sample Name	NB02SED093C-10		NB02SED093C-11		NB02SED093C-12		NB02SED094C-01		NB02SED094D-02		NB02SED094D-03		NB02SED094D-04		NB02SED094D-05		NB02SED094D-06		NB02SED094D-07		NB02SED094D-08	
		Date Collected	12/7/2007		12/7/2007		12/7/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007	
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	140000		77000		9400	U	21000		30000		29000		28000		35000		30000		43000		44000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED097		NB02SED097	
		Sample Name	NB02SED094D-09		NB02SED094D-10		NB02SED094D-11		NB02SED094D-12		NB02SED094D-13		NB02SED094D-14		NB02SED094D-15		NB02SED094D-16		NB02SED094D-17		NB02SED097H-01		NB02SED097H-02	
		Date Collected	11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		12/6/2007		12/6/2007	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	46000		48000		44000		47000		60000		51000		49000		55000		67000		74000		130000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED097		NB02SED097		NB02SED097		NB02SED097		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098	
		Sample Name	NB02SED097H-03		NB02SED097H-04		NB02SED097H-05		NB02SED097H-06		NB02SED098E-01		NB02SED098E-02		NB02SED098E-03		NB02SED098E-04		NB02SED098E-05		NB02SED098E-06		NB02SED098E-07	
		Date Collected	12/6/2007		12/6/2007		12/6/2007		12/6/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	85000		32000		2200	U	2000	U	42000		41000		39000		46000		49000		65000		62000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED098		NB02SED098		NB02SED100		NB02SED101		NB02SED102		NB02SED104		NB02SED105		NB02SED106		NB02SED107		NB02SED108		NB02SED109	
		Sample Name	NB02SED098E-08		NB02SED098E-09		NB02SED100B-01		NB02SED101A-01		NB02SED102A-01		NB02SED104C-01		NB02SED105A-01		NB02SED106B-01		NB02SED107B-01		NB02SED108A-01		NB02SED109B-01	
		Date Collected	12/12/2007		12/12/2007		12/7/2007		11/2/2007		10/30/2007		11/16/2007		11/1/2007		11/15/2007		11/6/2007		10/31/2007		11/29/2007	
		Depth	9.5-11.5		11.5-13.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	70000		33000		32000		28000		26000		32000		38000		24000		48000		20000		21000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	NB02SED110		NB02SED111		NB02SED112		NB02SED113		NB02SED114		NB02SED115		NB02SED116		NB02SED118		NB02SED119		NB02SED120		NB02SED121	
		Sample Name	NB02SED110D-01		NB02SED111F-01		NB02SED112A-01		NB02SED113B-01		NB02SED114C-01		NB02SED115E-01		NB02SED116A-01		NB02SED118B-01		NB02SED119A-01		NB02SED120B-01		NB02SED121H-01	
		Date Collected	12/11/2007		12/10/2007		11/7/2007		12/10/2007		12/11/2007		12/10/2007		11/9/2007		11/14/2007		11/9/2007		12/12/2007		12/12/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																						
Total Petroleum Hydrocarbons	TPH	ppm-TOC	43000		26000		29000		18000		57000		41000		100000		100000		120000		31000		27000	

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086		VT-08-01		VT-08-01		VT-08-01	
		Sample Name	PC02SED086E-01		PC02SED086E-02		PC02SED086E-03		PC02SED086E-04		PC02SED086E-05		PC02SED086E-06		PC02SED086E-07		PC02SED086E-08		HAB-01-00-05		HAB-01-05-15		HAB-01-103-115	
		Date Collected	11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		3/12/2008		3/12/2008		3/13/2008	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.5		0.0-0.5		0.5-1.5		10.3-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC																	72000		54000		390000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC	38000		72000		49000		120000		240000		190000		98000		38000							

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-02		VT-08-02		VT-08-02		VT-08-02	
		Sample Name	HAB-01-115-135		HAB-01-135-149		HAB-01-15-25		HAB-01-25-31		HAB-01-38-55		HAB-01-55-75		HAB-01-75-85		HAB-02-00-05		HAB-02-05-15		HAB-02-115-135		HAB-02-135-149	
		Date Collected	3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008	
		Depth	11.5-13.5		13.5-14.9		1.5-2.5		2.5-3.1		3.8-5.5		5.5-7.5		7.5-8.5		0.0-0.5		0.5-1.5		11.5-13.5		13.5-14.9	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	22000		200000		76000		80000		75000		130000		150000		100000		130000		110000		110000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-03		VT-08-03		VT-08-03		VT-08-03		VT-08-03	
		Sample Name	HAB-02-15-25		HAB-02-25-35		HAB-02-35-55		HAB-02-55-75		HAB-02-75-92		HAB-02-93-115		HAB-03-00-05		HAB-03-05-15		HAB-03-15-25		HAB-03-25-35		HAB-03-35-55	
		Date Collected	3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.2		9.3-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	150000		150000		160000		140000		110000		91000		70000		72000		68000		130000		93000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	VT-08-03		VT-08-03		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-05		VT-08-05	
		Sample Name	HAB-03-55-75		HAB-03-75-95		HAB-04-00-05		HAB-04-05-15		HAB-04-15-25		HAB-04-25-35		HAB-04-35-55		HAB-04-55-65		HAB-04-65-75		HAB-05-00-05		HAB-05-05-15	
		Date Collected	3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/14/2008		3/14/2008	
		Depth	5.5-7.5		7.5-9.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-6.5		6.5-7.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	64000		99000		60000		74000		79000		73000		110000		100000		70000		58000		52000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-06		VT-08-06		VT-08-06	
		Sample Name	HAB-05-115-135		HAB-05-135-151		HAB-05-15-25		HAB-05-25-35		HAB-05-35-49		HAB-05-64-75		HAB-05-75-85		HAB-05-95-115		HAB-06-00-05		HAB-06-05-15		HAB-06-107-115	
		Date Collected	3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/13/2008		3/13/2008		3/13/2008	
		Depth	11.5-13.5		13.5-15.1		1.5-2.5		2.5-3.5		3.5-4.9		6.4-7.5		7.5-8.5		9.5-11.5		0.0-0.5		0.5-1.5		10.7-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	150000		130000		61000		52000		50000		96000		110000		140000		58000		59000		130000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-07		VT-08-07		VT-08-07		VT-08-07		VT-08-07	
		Sample Name	HAB-06-115-128		HAB-06-15-25		HAB-06-25-35		HAB-06-35-55		HAB-06-55-75		HAB-06-75-95		HAB-07-00-05		HAB-07-05-15		HAB-07-15-25		HAB-07-25-35		HAB-07-35-55	
		Date Collected	3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	11.5-12.8		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	160000		69000		73000		88000		100000		110000		30000		42000		67000		100000		16000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

		Location ID	VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-09		VT-08-09		VT-08-09		VT-08-09		VT-08-09	
		Sample Name	HAB-08-00-05		HAB-08-05-15		HAB-08-15-25		HAB-08-25-35		HAB-08-35-55		HAB-08-55-62		HAB-09-00-05		HAB-09-05-15		HAB-09-15-25		HAB-09-25-35		HAB-09-35-55	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-6.2		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	81000		90000		84000		55000		27000		4300		160000		160000		230000		210000		160000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	VT-08-09		VT-08-09		VT-08-10		VT-08-10		VT-08-10		VT-08-11		VT-08-11		VT-08-12		VT-08-13		VT-08-13		VT-08-13	
		Sample Name	HAB-09-55-75		HAB-09-75-85		HAB-10-00-05		HAB-10-05-15		HAB-10-15-25		HAB-11-00-05		HAB-11-05-10		HAB-12-00-05		HAB-13-00-05		HAB-13-05-15		HAB-13-15-25	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/11/2008		3/11/2008		3/11/2008		3/5/2008		3/5/2008		3/5/2008	
		Depth	5.5-7.5		7.5-8.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	110000		15000		50000		43000		6600		30000		46000		140000		62000		140000		160000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14	
		Sample Name	HAB-13-25-35		HAB-13-35-55		HAB-13-55-75		HAB-13-75-95		HAB-13-95-103		HAB-14-00-05		HAB-14-05-15		HAB-14-115-135		HAB-14-135-155		HAB-14-15-25		HAB-14-25-35	
		Date Collected	3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.3		0.0-0.5		0.5-1.5		11.5-13.5		13.5-15.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	82000		57000		56000		45000		34000		80000		95000		270000		250000		140000		190000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15	
		Sample Name	HAB-14-35-55		HAB-14-55-75		HAB-14-75-95		HAB-14-95-115		HAB-15-00-05		HAB-15-05-15		HAB-15-115-135		HAB-15-15-25		HAB-15-25-35		HAB-15-35-55		HAB-15-55-75	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		11.5-13.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	210000		240000		210000		220000		52000		150000		290000		170000		200000		190000		200000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	VT-08-15		VT-08-15		VT-08-16		VT-08-16		VT-08-16		VT-08-16		VT-08-16		VT-08-16		VT-08-17		VT-08-17		VT-08-17	
		Sample Name	HAB-15-75-95		HAB-15-95-115		HAB-16-00-05		HAB-16-05-15		HAB-16-15-25		HAB-16-25-35		HAB-16-35-55		HAB-16-55-75		HAB-17-00-05		HAB-17-05-15		HAB-17-15-25	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/5/2008		3/5/2008		3/5/2008	
		Depth	7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	210000		240000		69000		85000		190000		190000		200000		92000		120000		140000		180000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	VT-08-17		VT-08-17		VT-08-18		VT-08-18		VT-08-19		VT-08-19		VT-08-19		VT-08-20		VT-08-20		VT-08-20		VT-08-20	
		Sample Name	HAB-17-25-35		HAB-17-35-43		HAB-18-00-05		HAB-18-05-15		HAB-19-00-05		HAB-19-05-15		HAB-19-15-25		HAB-20-00-05		HAB-20-05-15		HAB-20-15-25		HAB-20-25-35	
		Date Collected	3/5/2008		3/5/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008	
		Depth	2.5-3.5		3.5-4.3		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																								
TEPH	TEPH	ppm-TOC	130000		160000		150000		310000		160000		1500		3700		390000		180000		180000		240000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																						

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-21		VT-08-21		VT-08-22		VT-08-22		VT-08-22	
		Sample Name	HAB-20-35-55		HAB-20-55-75		HAB-20-75-95		HAB-20-95-115		HAB-21-00-05		HAB-21-05-15		HAB-22-00-05		HAB-22-05-15		HAB-22-15-25	
		Date Collected	3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TPH																				
TEPH	TEPH	ppm-TOC	330000		260000		220000		190000		29000		49000		140000		220000		280000	
Total Petroleum Hydrocarbons	TPH	ppm-TOC																		

Table B-9
TOC-Normalized Total Petroleum Hydrocarbons

		Location ID	VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22					
		Sample Name	HAB-22-25-35		HAB-22-35-55		HAB-22-55-75		HAB-22-75-95		HAB-22-95-107					
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008					
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.7					
		depth_unit	ft		ft		ft		ft		ft					
		HasFieldDuplicate	N		N		N		N		N					
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
TPH																
TEPH	TEPH	ppm-TOC	240000		190000		230000		120000		7700					
Total Petroleum Hydrocarbons	TPH	ppm-TOC														

		Location ID	2008 CLRC-001		2008 CLRC-002		2008 CLRC-002		2008 CLRC-004		2008 CLRC-005		2008 CLRC-006		2008 CLRC-009		2008 CLRC-010		2008 CLRC-011	
		Sample Name	08A-001-C1_(15.5-17.5)_N		08A-002-C1_(2.5-3.5)_N		08A-002-C1_(6.75-8)_N		08A-004-C1_(17.5-19.1)_N		08A-005-C1_(9.5-11.5)_N		08A-006-C1_(15.5-16.9)_N		08A-009-C3_(11.5-12.6)_N		08A-010-C2_(19.5-21.75)_N		08A-011-C1_(2.5-3.5)_N	
		Date Collected	11/20/2008		11/11/2008		11/11/2008		11/25/2008		11/12/2008		11/18/2008		11/10/2008		12/8/2008		11/13/2008	
		Depth	15.5-17.5		2.5-3.5		6.8-8.0		17.5-19.1		9.5-11.5		15.5-16.9		11.5-12.6		19.5-21.8		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
1,1-Dichloroethane	75-34-3	ppb-TOC	68	U	480	U	410	U	9.1		48	U	86	U	36	U	41	U	120	U
1,1-Dichloroethene	75-35-4	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	68	U	480	U	410	U	190		75		86	U	130		390		120	U
1,2-Dichloroethane	107-06-2	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	57		480	U	410	U	490		180		86	U	210		770		120	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	89		480	U	410	U	1100		340		86	U	380		2000		120	U
2-Butanone	78-93-3	ppb-TOC	1200		910				1100		1200		510		2600		3800		490	
2-Hexanone	591-78-6	ppb-TOC	1300	U	9600	U	7800	U	260		950	U	1700	U	710	U	800	U	2400	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	230		9600	U	7800	U	760	U	110		240		710	U	800	U	170	
Acetone	67-64-1	ppb-TOC	5300		13000	U	7800	U	4900		5200		2800		11000		14000		3500	
Benzene	71-43-2	ppb-TOC	12		480	U	410	U	1200		500		86	U	430		890		120	U
Bromodichloromethane	75-27-4	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
Bromoform	75-25-2	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
Bromomethane	74-83-9	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
Carbon Disulfide	75-15-0	ppb-TOC	93		1000		1300		120		120		44		300		360		400	
Carbon Tetrachloride	56-23-5	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
Chlorobenzene	108-90-7	ppb-TOC	34		480	U	410	U	530		190		86	U	410		600		120	U
Chloroethane	75-00-3	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
Chloroform	67-66-3	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
Chloromethane	74-87-3	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
Dibromochloromethane	124-48-1	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
Ethylbenzene	100-41-4	ppb-TOC	25		480	U	23		1900		36		86	U	76		1200		120	U
Methylene Chloride	75-09-2	ppb-TOC	680	U	4800	U	4100	U	390	U	480	U	860	U	360	U	410	U	1200	U
Styrene	100-42-5	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
Tetrachloroethene	127-18-4	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
Toluene	108-88-3	ppb-TOC	68	U	480	U	410	U	160		48		86	U	71		340		25	
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
Trichloroethene	79-01-6	ppb-TOC	68	U	480	U	410	U	39	U	48	U	86	U	36	U	41	U	120	U
Vinyl Chloride	75-01-4	ppb-TOC	68	U	480	U	410	U	39	U	9.3		86	U	4.6		41	U	120	U
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	2008 CLRC-012		2008 CLRC-013		2008 CLRC-015		2008 CLRC-015		2008 CLRC-018		2008 CLRC-019		2008 CLRC-020		2008 CLRC-021		AK02SED087	
		Sample Name	08A-012-C1_(2.5-3.75)_N		08A-013-C2_(13.5-15.5)_N		08A-015-C2_(11.85-13.15)_N		08A-015-C2_(2.5-3.5)_N		08A-018-C1_(11.5-13.5)_N		08A-019-C1_(3.5-5.27)_N		08A-020-C2_(9.5-11.5)_N		08A-021-C1_(9.5-11.4)_N		AK02SED087C-02	
		Date Collected	12/4/2008		11/17/2008		11/12/2008		11/12/2008		11/10/2008		9/24/2008		11/4/2008		11/6/2008		11/27/2007	
		Depth	2.5-3.8		13.5-15.5		11.9-13.1		2.5-3.5		11.5-13.5		3.5-5.3		9.5-11.5		9.5-11.4		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
1,1,2-Trichloroethane	79-00-5	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
1,1-Dichloroethane	75-34-3	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
1,1-Dichloroethene	75-35-4	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U			47	U	450	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U			19		450	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	25		100		47	U	55		96	U	44	U			47	U	450	U
1,2-Dichloroethane	107-06-2	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	71		140		47	U	41		96	U	41				47	U	450	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	130		230		47	U	130		96	U	64				47	U	450	U
2-Butanone	78-93-3	ppb-TOC	2200		1400		760		600				590		3200		500			
2-Hexanone	591-78-6	ppb-TOC	1600	U	820	U	920	U	890	U	1900	U	870	U	1000	U	940	U		
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1600	U	150		110		160		1900	U	870	U	1000	U	940	U		
Acetone	67-64-1	ppb-TOC	8100		5900		3700		2800		1900	U	2400		13000		2500			
Benzene	71-43-2	ppb-TOC	81	U	660		47	U	25		96	U	350		350		47			
Bromodichloromethane	75-27-4	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
Bromoform	75-25-2	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
Bromomethane	74-83-9	ppb-TOC	81	U	42	U	47	U	44	U	43		110	U	53	U	47	U		
Carbon Disulfide	75-15-0	ppb-TOC	230		94		100		140		70		44	U	200		34			
Carbon Tetrachloride	56-23-5	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
Chlorobenzene	108-90-7	ppb-TOC	58		340		47	U	39		96	U	310		62		47	U	450	U
Chloroethane	75-00-3	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
Chloroform	67-66-3	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
Chloromethane	74-87-3	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
Dibromochloromethane	124-48-1	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
Ethylbenzene	100-41-4	ppb-TOC	81	U	140		47	U	44	U	96	U	24		53		8.4			
Methylene Chloride	75-09-2	ppb-TOC	810	U	420	U	470	U	440	U	960	U	440	U	530	U	470	U		
Styrene	100-42-5	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	5			
Tetrachloroethene	127-18-4	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U			47	U		
Toluene	108-88-3	ppb-TOC	81	U	66		47	U	44	U	96	U	44	U	82		18			
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
Trichloroethene	79-01-6	ppb-TOC	81	U	42	U	47	U	44	U	96	U	44	U	53	U	47	U		
Vinyl Chloride	75-01-4	ppb-TOC	81	U	42	U	47	U	13		96	U	44	U	17		6.5			
Xylene (Total)	1330-20-7	ppb-TOC																		

Table B-10
TOC-Normalized Volatiles

		Location ID	AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		AK02SED087		ER02SED083	
		Sample Name	AK02SED087C-03		AK02SED087C-04		AK02SED087C-05		AK02SED087C-06		AK02SED087C-07		AK02SED087C-08		AK02SED087C-09		AK02SED087C-10		ER02SED083G-02	
		Date Collected	11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		12/3/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-14.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	450	U	410	U	360	U	27000	U	25000	U	25000	U	250	U	12000	U	310	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	450	U	410	U	160		27000	U	25000	U	280000		5500		2200		310	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	450	U	410	U	240		27000	U	430		36000		6200		2900		310	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	450	U	410	U	150		440		3400		100000		3000		1700		310	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	450	U	410	U	310		590		5800		180000		5700		3300		200	
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	450	U	180		320		1200		12000		470000		3700		1000		220	
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	ER02SED083		ER02SED083		ER02SED083		ER02SED083		ER02SED084		ER02SED084		ER02SED084		ER02SED084		ER02SED084	
		Sample Name	ER02SED083G-03		ER02SED083G-04		ER02SED083G-05		ER02SED083G-06		ER02SED084D-02		ER02SED084D-03		ER02SED084D-04		ER02SED084D-05		ER02SED084D-06	
		Date Collected	12/3/2007		12/3/2007		12/3/2007		12/3/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007		11/30/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	300	U	290	U	330	U	1200	U	180	U	100	U	360	U	330	U	220	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	300	U	290	U	330	U	1200	U	180	U	100	U	360	U	330	U	220	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	300	U	230		330	U	1200	U	180	U	100	U	360	U	330	U	220	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	300	U	290	U	330	U	1200	U	180	U	100	U	360	U	330	U	84	
1,4-Dichlorobenzene	106-46-7	ppb-TOC	140		410		330	U	1200	U	180	U	100	U	190		200		210	
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	300	U	290	U	330	U	1200	U	180	U	100	U	210		140		100	
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	ER02SED084		ER02SED084		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED067		HR01SED069	
		Sample Name	ER02SED084D-07		ER02SED084D-08		HR01SED067B-01		HR01SED067B-02		HR01SED067B-03		HR01SED067B-04		HR01SED067B-05		HR01SED067B-06		HR01SED069C-01	
		Date Collected	11/30/2007		11/30/2007		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005		12/1/2005	
		Depth	7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
1,1-Dichloroethane	75-34-3	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
1,1-Dichloroethene	75-35-4	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	640	U	2100	U														
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	640	U	2100	U														
1,2-Dichlorobenzene	95-50-1	ppb-TOC	640	U	2100	U														
1,2-Dichloroethane	107-06-2	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
1,2-Dichloropropane	78-87-5	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	640	U	2100	U														
1,4-Dichlorobenzene	106-46-7	ppb-TOC	640	U	2100	U														
2-Butanone	78-93-3	ppb-TOC					490	U	540	U	480	U	710	U	760	U	690	U	1900	U
2-Hexanone	591-78-6	ppb-TOC					490	U	540	U	480	U	710	U	760	U	690	U	1900	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC					490	U	540	U	480	U	710	U	760	U	690	U	1900	U
Acetone	67-64-1	ppb-TOC					420		310		250		530		820		740		2400	
Benzene	71-43-2	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
Bromodichloromethane	75-27-4	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
Bromoform	75-25-2	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
Bromomethane	74-83-9	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
Carbon Disulfide	75-15-0	ppb-TOC					250	U	58		250	U	83		91		77		440	
Carbon Tetrachloride	56-23-5	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
Chlorobenzene	108-90-7	ppb-TOC	640	U	2100	U	250	U	270	U	250	U	360	U	360	U	330	U	890	U
Chloroethane	75-00-3	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
Chloroform	67-66-3	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
Chloromethane	74-87-3	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
Dibromochloromethane	124-48-1	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
Ethylbenzene	100-41-4	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
Methylene Chloride	75-09-2	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
Styrene	100-42-5	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
Tetrachloroethene	127-18-4	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
Toluene	108-88-3	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
Trichloroethene	79-01-6	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
Vinyl Chloride	75-01-4	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U
Xylene (Total)	1330-20-7	ppb-TOC					250	U	270	U	250	U	360	U	360	U	330	U	890	U

		Location ID	HR01SED069		HRRISED003		HRRISED003		HRRISED003		HRRISED004		HRRISED004		HRRISED005		HRRISED005		HRRISED005	
		Sample Name	HR01SED069C-02		HRRISED003C-01		HRRISED003C-02		HRRISED003C-03		HRRISED004B-01		HRRISED004B-02		HRRISED005B-01		HRRISED005B-02		HRRISED005B-03	
		Date Collected	12/1/2005		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		11/1/2006		11/1/2006		11/1/2006	
		Depth	0.5-1.5		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0		0.0-0.5		0.5-2.0		2.0-4.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
1,1-Dichloroethane	75-34-3	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
1,1-Dichloroethene	75-35-4	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
1,2-Dichloropropane	78-87-5	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	3300	U	890		1000	U	3000	U	430	U	430	U	410		270	U	640	
2-Hexanone	591-78-6	ppb-TOC	3300	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	3300	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
Acetone	67-64-1	ppb-TOC	3500		2000		4200	U	12000	U	1700	U	1800	U	780		1100	U	1300	
Benzene	71-43-2	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	92	
Bromodichloromethane	75-27-4	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
Bromoform	75-25-2	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
Bromomethane	74-83-9	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
Carbon Disulfide	75-15-0	ppb-TOC	500		890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	77	
Carbon Tetrachloride	56-23-5	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
Chlorobenzene	108-90-7	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	100		490	U	270	U	380	U
Chloroethane	75-00-3	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
Chloroform	67-66-3	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	35		270	U	380	U
Chloromethane	74-87-3	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
Dibromochloromethane	124-48-1	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
Ethylbenzene	100-41-4	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
Methylene Chloride	75-09-2	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
Styrene	100-42-5	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
Tetrachloroethene	127-18-4	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
Toluene	108-88-3	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	290		490	U	270	U	380	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
Trichloroethene	79-01-6	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
Vinyl Chloride	75-01-4	ppb-TOC	1500	U	890	U	1000	U	3000	U	430	U	430	U	490	U	270	U	380	U
Xylene (Total)	1330-20-7	ppb-TOC	1500	U	2700	U	3100	U	8900	U	1300	U	1300	U	1500	U	840	U	1100	U

		Location ID	HRRISED005		HRRISED005		HRRISED005		HRRISED005		HRRISED006		HRRISED006		HRRISED006		HRRISED007		HRRISED007	
		Sample Name	HRRISED005B-04		HRRISED005B-05		HRRISED005B-06		HRRISED005B-07		HRRISED006B-01		HRRISED006B-02		HRRISED006B-03		HRRISED007E-01		HRRISED007E-02	
		Date Collected	11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/1/2006		11/7/2006		11/7/2006	
		Depth	4.0-6.0		6.0-8.0		8.0-10.0		10.0-12.0		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.5-2.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
1,1-Dichloroethane	75-34-3	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
1,1-Dichloroethene	75-35-4	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
1,2-Dichloropropane	78-87-5	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	700		440		540		590		540		440		280		1300	U	440	U
2-Hexanone	591-78-6	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Acetone	67-64-1	ppb-TOC	1500		940		1100		1200		1000		770		610		5000	U	1800	U
Benzene	71-43-2	ppb-TOC	200		280		310		200		200	U	380		330		1300	U	440	U
Bromodichloromethane	75-27-4	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Bromoform	75-25-2	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Bromomethane	74-83-9	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Carbon Disulfide	75-15-0	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Carbon Tetrachloride	56-23-5	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Chlorobenzene	108-90-7	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Chloroethane	75-00-3	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Chloroform	67-66-3	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Chloromethane	74-87-3	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Dibromochloromethane	124-48-1	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Ethylbenzene	100-41-4	ppb-TOC	440	U	1200		2800		1600		40		5200		8700		1300	U	440	U
Methylene Chloride	75-09-2	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Styrene	100-42-5	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Tetrachloroethene	127-18-4	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Toluene	108-88-3	ppb-TOC	440	U	74		410		220		200	U	180		670		260		440	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Trichloroethene	79-01-6	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Vinyl Chloride	75-01-4	ppb-TOC	440	U	410	U	380	U	710	U	200	U	280	U	240	U	1300	U	440	U
Xylene (Total)	1330-20-7	ppb-TOC	480		1200		3300		2400		600	U	4800		8900		3800	U	1300	U

		Location ID	HRRISED008		HRRISED008		HRRISED009		HRRISED010		HRRISED010		HRRISED010		HRRISED039		HRRISED040		HRRISED041	
		Sample Name	HRRISED008B-01		HRRISED008B-02		HRRISED009C-01		HRRISED010B-01		HRRISED010B-02		HRRISED010B-03		HRRISED039A-01		HRRISED040A-01		HRRISED041A-01	
		Date Collected	11/1/2006		11/1/2006		11/7/2006		11/3/2006		11/3/2006		11/3/2006		10/24/2006		10/26/2006		10/26/2006	
		Depth	0.0-0.5		0.5-2.0		0.0-0.5		0.0-0.5		0.5-2.0		2.0-4.0		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
1,1-Dichloroethane	75-34-3	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
1,1-Dichloroethene	75-35-4	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
1,2-Dichloropropane	78-87-5	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	1300		180000	U	890	U	320	U	520		270		390	U	380	U	320	U
2-Hexanone	591-78-6	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
Acetone	67-64-1	ppb-TOC	4100		720000	U	3600	U	1300	U	850		1400	U	1600	U	1500	U	1300	U
Benzene	71-43-2	ppb-TOC	540000		720000		890	U	320	U	63		340	U	390	U	380	U	320	U
Bromodichloromethane	75-27-4	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
Bromoform	75-25-2	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
Bromomethane	74-83-9	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
Carbon Disulfide	75-15-0	ppb-TOC	130000	U	680		890	U	320	U	290	U	340	U	390	U	380	U	320	U
Carbon Tetrachloride	56-23-5	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
Chlorobenzene	108-90-7	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
Chloroethane	75-00-3	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
Chloroform	67-66-3	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
Chloromethane	74-87-3	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
Dibromochloromethane	124-48-1	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
Ethylbenzene	100-41-4	ppb-TOC	2200000		76000		890	U	2700		2100		340	U	390	U	380	U	320	U
Methylene Chloride	75-09-2	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
Styrene	100-42-5	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
Tetrachloroethene	127-18-4	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
Toluene	108-88-3	ppb-TOC	7500		3600		890	U	320	U	67		340	U	390	U	380	U	320	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
Trichloroethene	79-01-6	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
Vinyl Chloride	75-01-4	ppb-TOC	130000	U	180000	U	890	U	320	U	290	U	340	U	390	U	380	U	320	U
Xylene (Total)	1330-20-7	ppb-TOC	83000		13000		2700	U	410		2300		540		1200	U	1100	U	970	U

Table B-10
TOC-Normalized Volatiles

		Location ID	HRRISED042		HRRISED043		HRRISED044		HRRISED045		HRRISED046		HRRISED047		HRRISED048		HRRISED049		HRRISED050	
		Sample Name	HRRISED042A-01		HRRISED043A-01		HRRISED044A-01		HRRISED045A-01		HRRISED046A-01		HRRISED047A-01		HRRISED048A-01		HRRISED049A-01		HRRISED050A-01	
		Date Collected	10/24/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		11/1/2006		10/31/2006		11/1/2006	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
1,1-Dichloroethane	75-34-3	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
1,1-Dichloroethene	75-35-4	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
1,2-Dichloropropane	78-87-5	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	720	U	120	U	310	U	110		560		440		540		490	U	510	U
2-Hexanone	591-78-6	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
Acetone	67-64-1	ppb-TOC	2800	U	230		1200	U	240		1100		840		630		2000	U	2100	U
Benzene	71-43-2	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
Bromodichloromethane	75-27-4	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
Bromoform	75-25-2	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
Bromomethane	74-83-9	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
Carbon Disulfide	75-15-0	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	96		490	U	510	U
Carbon Tetrachloride	56-23-5	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
Chlorobenzene	108-90-7	ppb-TOC	720	U	120	U	330		160	U	350	U	66		440	U	490	U	510	U
Chloroethane	75-00-3	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
Chloroform	67-66-3	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	32		510	U
Chloromethane	74-87-3	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
Dibromochloromethane	124-48-1	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
Ethylbenzene	100-41-4	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
Methylene Chloride	75-09-2	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
Styrene	100-42-5	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
Tetrachloroethene	127-18-4	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
Toluene	108-88-3	ppb-TOC	720	U	120	U	52		160	U	350	U	270	U	440	U	490	U	510	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
Trichloroethene	79-01-6	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
Vinyl Chloride	75-01-4	ppb-TOC	720	U	120	U	310	U	160	U	350	U	270	U	440	U	490	U	510	U
Xylene (Total)	1330-20-7	ppb-TOC	2200	U	360	U	900	U	460	U	1000	U	810	U	1300	U	1500	U	1600	U

		Location ID	KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED081		KK02SED095	
		Sample Name	KK02SED081D-02		KK02SED081D-03		KK02SED081D-04		KK02SED081D-05		KK02SED081D-06		KK02SED081D-07		KK02SED081D-08		KK02SED081D-09		KK02SED095E-02	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/19/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.0		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	360	U	600	U	520	U	780	U	770	U	710	U	850	U	670	U	310	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	360	U	600	U	520	U	780	U	770	U	710	U	850	U	670	U	310	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	360	U	600	U	520	U	780	U	770	U	710	U	850	U	670	U	310	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	360	U	600	U	520	U	780	U	770	U	710	U	850	U	670	U	310	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	360	U	600	U	520	U	780	U	770	U	710	U	850	U	670	U	310	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	360	U	600	U	520	U	780	U	770	U	710	U	850	U	670	U	310	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

Table B-10
TOC-Normalized Volatiles

		Location ID	KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095		KK02SED095	
		Sample Name	KK02SED095E-03		KK02SED095E-04		KK02SED095E-05		KK02SED095E-06		KK02SED095E-07		KK02SED095E-08		KK02SED095E-09		KK02SED095E-10		KK02SED095E-11	
		Date Collected	11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007	
		Depth	1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	410	U	270	U	18000	U	22000	U	25000	U	25000	U	420	U	470	U	640	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	410	U	270	U	18000	U	22000	U	25000	U	25000	U	420	U	470	U	640	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	410	U	270	U	18000	U	22000	U	25000	U	25000	U	420	U	470	U	640	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	410	U	270	U	18000	U	22000	U	25000	U	25000	U	420	U	470	U	640	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	410	U	270	U	18000	U	22000	U	25000	U	25000	U	420	U	470	U	640	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	410	U	270	U	270	U	290	U	340	U	390	U	420	U	470	U	640	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	KK02SED095		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096		KK02SED096	
		Sample Name	KK02SED095E-12		KK02SED096D-02		KK02SED096D-03		KK02SED096D-04		KK02SED096D-05		KK02SED096D-06		KK02SED096D-07		KK02SED096D-08		KK02SED096D-09	
		Date Collected	11/19/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007		11/20/2007	
		Depth	17.5-19.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	510	U	590	U	710	U	600	U	540	U	550	U	400	U	22000	U	19000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	510	U	590	U	710	U	600	U	540	U	550	U	400	U	22000	U	19000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	510	U	590	U	710	U	600	U	540	U	550	U	400	U	22000	U	19000	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	510	U	590	U	710	U	600	U	540	U	550	U	480		22000	U	4000	
1,4-Dichlorobenzene	106-46-7	ppb-TOC	510	U	590	U	710	U	600	U	540	U	550	U	880		5100		8100	
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	510	U	590	U	710	U	600	U	540	U	550	U	500		2900		5500	
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	KK02SED096		KK02SED096		KK02SED096		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085		MC02SED085	
		Sample Name	KK02SED096D-10		KK02SED096D-11		KK02SED096D-12		MC02SED085C-01		MC02SED085C-02		MC02SED085C-03		MC02SED085C-04		MC02SED085C-05		MC02SED085C-06	
		Date Collected	11/20/2007		11/20/2007		11/20/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007		12/14/2007	
		Depth	13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	15000	U	160	U	18000	U	440	U	290	U	59000	U	300	U	20000	U	13000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	15000	U	160	U	18000	U	440	U	290	U	59000	U	300	U	20000	U	13000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	15000	U	270		18000	U	440	U	290	U	59000	U	300	U	20000	U	13000	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	7900		220		18000	U	440	U	290	U	59000	U	160		20000	U	13000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	8000		330		18000	U	440	U	290	U	59000	U	220		20000	U	13000	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	120000		4900		270		440	U	150		59000	U	260		20000	U	13000	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	MC02SED085		MC02SED085		MC02SED085		MC02SED085		NB01SED001A		NB01SED001A		NB01SED001A		NB01SED002		NB01SED002	
		Sample Name	MC02SED085C-07		MC02SED085C-08		MC02SED085C-09		MC02SED085C-10		NB01SED001B-01		NB01SED001B-02		NB01SED001B-03		NB01SED002B-01		NB01SED002B-02	
		Date Collected	12/14/2007		12/14/2007		12/14/2007		12/14/2007		11/13/2005		11/13/2005		11/13/2005		10/30/2005		10/30/2005	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC									730	U	520	U	350	U	510	U	470	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC									730	U	520	U	350	U	510	U	470	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC									730	U	520	U	350	U	510	U	470	U
1,1-Dichloroethane	75-34-3	ppb-TOC									730	U	520	U	350	U	510	U	470	U
1,1-Dichloroethene	75-35-4	ppb-TOC									730	U	520	U	350	U	510	U	470	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	45000	U	18000	U	10000	U	43000	U										
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	45000	U	18000	U	10000	U	43000	U										
1,2-Dichlorobenzene	95-50-1	ppb-TOC	45000	U	18000	U	10000	U	43000	U										
1,2-Dichloroethane	107-06-2	ppb-TOC									730	U	520	U	350	U	510	U	470	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC									730	U	520	U	350	U	510	U	470	U
1,2-Dichloropropane	78-87-5	ppb-TOC									730	U	520	U	350	U	510	U	470	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC	45000	U	18000	U	10000	U	43000	U										
1,4-Dichlorobenzene	106-46-7	ppb-TOC	45000	U	18000	U	10000	U	43000	U										
2-Butanone	78-93-3	ppb-TOC									1500		870		400				620	
2-Hexanone	591-78-6	ppb-TOC									1500	U	1000	U	730	U	1000	U	930	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC									1500	U	1000	U	730	U	1000	U	930	U
Acetone	67-64-1	ppb-TOC									8200		4800		2500		1500		3600	
Benzene	71-43-2	ppb-TOC									730	U	63		150		510	U	470	U
Bromodichloromethane	75-27-4	ppb-TOC									730	U	520	U	350	U	510	U	470	U
Bromoform	75-25-2	ppb-TOC									730	U	520	U	350	U	510	U	470	U
Bromomethane	74-83-9	ppb-TOC									730	U	520	U	350	U	510	U	470	U
Carbon Disulfide	75-15-0	ppb-TOC									730	U	770	U	350	U	290		580	
Carbon Tetrachloride	56-23-5	ppb-TOC									730	U	520	U	350	U	510	U	470	U
Chlorobenzene	108-90-7	ppb-TOC	45000	U	18000	U	10000	U	43000	U	1600		190		130		510	U	470	U
Chloroethane	75-00-3	ppb-TOC									730	U	520	U	350	U	510	U	470	U
Chloroform	67-66-3	ppb-TOC									730	U	520	U	350	U	510	U	470	U
Chloromethane	74-87-3	ppb-TOC									730	U	520	U	350	U	510	U	470	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC									730	U	520	U	350	U	510	U	470	U
Dibromochloromethane	124-48-1	ppb-TOC									730	U	520	U	350	U	510	U	470	U
Ethylbenzene	100-41-4	ppb-TOC									730	U	130		350	U	510	U	470	U
Methylene Chloride	75-09-2	ppb-TOC									730	U	520	U	350	U	510	U	470	U
Styrene	100-42-5	ppb-TOC									730	U	520	U	350	U	510	U	470	U
Tetrachloroethene	127-18-4	ppb-TOC									210		520	U	350	U	510	U	470	U
Toluene	108-88-3	ppb-TOC									730	U	280		83		1300		270	
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC									730	U	520	U	350	U	510	U	470	U
Trichloroethene	79-01-6	ppb-TOC									730	U	520	U	350	U	510	U	470	U
Vinyl Chloride	75-01-4	ppb-TOC									730	U	520	U	350	U	510	U	470	U
Xylene (Total)	1330-20-7	ppb-TOC									730	U	520	U	1800		510	U	470	U

		Location ID	NB01SED002		NB01SED002		NB01SED003		NB01SED003		NB01SED003		NB01SED003		NB01SED004		NB01SED004		NB01SED004	
		Sample Name	NB01SED002B-03		NB01SED002B-04		NB01SED003D-01		NB01SED003D-02		NB01SED003D-03		NB01SED003D-04		NB01SED004B-01		NB01SED004B-02		NB01SED004B-03	
		Date Collected	10/30/2005		10/30/2005		10/31/2005		10/31/2005		10/31/2005		10/31/2005		10/30/2005		10/30/2005		10/30/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-3.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
1,1-Dichloroethane	75-34-3	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
1,1-Dichloroethene	75-35-4	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
1,2-Dichloropropane	78-87-5	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC																	620	
2-Hexanone	591-78-6	ppb-TOC	910	U	3000	U	1800	U	740	U	930	U	710	U	1200	U	1000	U	890	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	910	U	3000	U	1800	U	740	U	930	U	710	U	1200	U	1000	U	890	U
Acetone	67-64-1	ppb-TOC	740		1900		1700		860		1200		600		1500		2500		4000	
Benzene	71-43-2	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	44	
Bromodichloromethane	75-27-4	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
Bromoform	75-25-2	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
Bromomethane	74-83-9	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
Carbon Disulfide	75-15-0	ppb-TOC	140		810		920	U	370		460	U	360	U	200		210		440	
Carbon Tetrachloride	56-23-5	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
Chlorobenzene	108-90-7	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	110	
Chloroethane	75-00-3	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
Chloroform	67-66-3	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
Chloromethane	74-87-3	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
Dibromochloromethane	124-48-1	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
Ethylbenzene	100-41-4	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
Methylene Chloride	75-09-2	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
Styrene	100-42-5	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
Tetrachloroethene	127-18-4	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
Toluene	108-88-3	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	89	
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
Trichloroethene	79-01-6	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
Vinyl Chloride	75-01-4	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	500	U	440	U
Xylene (Total)	1330-20-7	ppb-TOC	460	U	1400	U	920	U	370	U	460	U	360	U	600	U	110		530	

		Location ID	NB01SED005		NB01SED005		NB01SED005		NB01SED005		NB01SED006A		NB01SED006A		NB01SED006A		NB01SED007		NB01SED007	
		Sample Name	NB01SED005A-01		NB01SED005A-02		NB01SED005A-03		NB01SED005A-04		NB01SED006AA-01		NB01SED006AA-02		NB01SED006AA-03		NB01SED007A-01		NB01SED007A-02	
		Date Collected	11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/27/2005		11/27/2005		11/27/2005		11/9/2005		11/9/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
1,1-Dichloroethane	75-34-3	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
1,1-Dichloroethene	75-35-4	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
1,2-Dichloropropane	78-87-5	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC					41000	U	33000	U	800		770	U	1400	U				
2-Hexanone	591-78-6	ppb-TOC	1300	U	1200	U	41000	U	33000	U	1800	U	770	U	1400	U	1300	U	1400	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1300	U	1200	U	41000	U	33000	U	1800	U	770	U	1400	U	1300	U	1400	U
Acetone	67-64-1	ppb-TOC	4200		3800						5000		1800		3200		2600		3200	
Benzene	71-43-2	ppb-TOC	640	U	580	U	21000	U	2600		850	U	400	U	700	U	610	U	710	U
Bromodichloromethane	75-27-4	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
Bromoform	75-25-2	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
Bromomethane	74-83-9	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
Carbon Disulfide	75-15-0	ppb-TOC	360		330		4400		17000	U	550		250		600		610	U	710	U
Carbon Tetrachloride	56-23-5	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
Chlorobenzene	108-90-7	ppb-TOC	320		580	U	21000	U	17000	U	250		400	U	700	U	610	U	710	U
Chloroethane	75-00-3	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
Chloroform	67-66-3	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
Chloromethane	74-87-3	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
Dibromochloromethane	124-48-1	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
Ethylbenzene	100-41-4	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
Methylene Chloride	75-09-2	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
Styrene	100-42-5	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
Tetrachloroethene	127-18-4	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
Toluene	108-88-3	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	130		700	U	610	U	710	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
Trichloroethene	79-01-6	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
Vinyl Chloride	75-01-4	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U
Xylene (Total)	1330-20-7	ppb-TOC	640	U	580	U	21000	U	17000	U	850	U	400	U	700	U	610	U	710	U

		Location ID	NB01SED007		NB01SED007		NB01SED008A		NB01SED008A		NB01SED008A		NB01SED009		NB01SED009		NB01SED009		NB01SED009	
		Sample Name	NB01SED007A-03		NB01SED007A-04		NB01SED008AA-01		NB01SED008AA-02		NB01SED008AA-03		NB01SED009A-01		NB01SED009A-02		NB01SED009A-03		NB01SED009A-04	
		Date Collected	11/9/2005		11/9/2005		11/14/2005		11/14/2005		11/14/2005		11/6/2005		11/6/2005		11/6/2005		11/6/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
1,1-Dichloroethane	75-34-3	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
1,1-Dichloroethene	75-35-4	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
1,2-Dichloropropane	78-87-5	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC			360		440		670		560				420					
2-Hexanone	591-78-6	ppb-TOC	1500	U	860	U	920	U	950	U	870	U	760	U	860	U	510	U	730	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1500	U	860	U	920	U	950	U	870	U	760	U	860	U	510	U	730	U
Acetone	67-64-1	ppb-TOC	4500		2600		3800		4900		4800		940		2100		760		800	
Benzene	71-43-2	ppb-TOC	250		290		83		1200		1800		390	U	420	U	240	U	370	U
Bromodichloromethane	75-27-4	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
Bromoform	75-25-2	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
Bromomethane	74-83-9	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
Carbon Disulfide	75-15-0	ppb-TOC	750	U	430	U	460	U	490		580		150		230		89		130	
Carbon Tetrachloride	56-23-5	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
Chlorobenzene	108-90-7	ppb-TOC	750	U	110		210		280		520		390	U	420	U	240	U	370	U
Chloroethane	75-00-3	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
Chloroform	67-66-3	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
Chloromethane	74-87-3	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
Dibromochloromethane	124-48-1	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
Ethylbenzene	100-41-4	ppb-TOC	750	U	430	U	460	U	470	U	330		390	U	420	U	240	U	370	U
Methylene Chloride	75-09-2	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
Styrene	100-42-5	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
Tetrachloroethene	127-18-4	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
Toluene	108-88-3	ppb-TOC	750	U	430	U	460	U	93		170		390	U	420	U	240	U	370	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
Trichloroethene	79-01-6	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
Vinyl Chloride	75-01-4	ppb-TOC	750	U	430	U	460	U	470	U	420	U	390	U	420	U	240	U	370	U
Xylene (Total)	1330-20-7	ppb-TOC	250		210		170		1400		3100		390	U	420	U	240	U	370	U

		Location ID	NB01SED010A		NB01SED010A		NB01SED010A		NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED011		NB01SED011	
		Sample Name	NB01SED010I-01		NB01SED010I-02		NB01SED010I-03		NB01SED011B-01		NB01SED011B-02		NB01SED011B-03		NB01SED011B-04		NB01SED011B-05		NB01SED011B-06	
		Date Collected	10/31/2005		10/31/2005		10/31/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005	
		Depth	0.0-0.5		0.5-1.3		1.3-2.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5		4.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
1,1-Dichloroethane	75-34-3	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
1,1-Dichloroethene	75-35-4	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
1,2-Dichloropropane	78-87-5	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC	1100	U	960	U	1000	U	1100	U	1100	U	570	U	520	U	490	U	1300	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1100	U	960	U	1000	U	1100	U	1100	U	570	U	520	U	490	U	1300	U
Acetone	67-64-1	ppb-TOC	1300		1800		2300		2800		680		560		380		490		1300	
Benzene	71-43-2	ppb-TOC	560	U	480	U	56		630		530	U	290	U	240	U	250	U	630	U
Bromodichloromethane	75-27-4	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
Bromoform	75-25-2	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
Bromomethane	74-83-9	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
Carbon Disulfide	75-15-0	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
Carbon Tetrachloride	56-23-5	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
Chlorobenzene	108-90-7	ppb-TOC	560	U	480	U	500	U	160		530	U	290	U	240	U	250	U	630	U
Chloroethane	75-00-3	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
Chloroform	67-66-3	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
Chloromethane	74-87-3	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
Dibromochloromethane	124-48-1	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
Ethylbenzene	100-41-4	ppb-TOC	560	U	480	U	500	U	110		530	U	290	U	240	U	250	U	630	U
Methylene Chloride	75-09-2	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
Styrene	100-42-5	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
Tetrachloroethene	127-18-4	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
Toluene	108-88-3	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
Trichloroethene	79-01-6	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
Vinyl Chloride	75-01-4	ppb-TOC	560	U	480	U	500	U	530	U	530	U	290	U	240	U	250	U	630	U
Xylene (Total)	1330-20-7	ppb-TOC	560	U	120		170		1200		530	U	290	U	240	U	250	U	630	U

		Location ID	NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED012		NB01SED013		NB01SED013	
		Sample Name	NB01SED012A-01		NB01SED012A-02		NB01SED012A-03		NB01SED012A-04		NB01SED012A-05		NB01SED012A-06		NB01SED012A-07		NB01SED013C-02		NB01SED013C-03	
		Date Collected	11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005		10/31/2005		10/31/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		6.5-8.0		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
1,1-Dichloroethane	75-34-3	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
1,1-Dichloroethene	75-35-4	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
1,2-Dichloropropane	78-87-5	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	750				1100		1000		300		35000	U	22000	U				
2-Hexanone	591-78-6	ppb-TOC	1300	U	1100	U	1200	U	880	U	640	U	35000	U	22000	U	1700	U	610	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1300	U	1100	U	1200	U	880	U	640	U	35000	U	22000	U	1700	U	610	U
Acetone	67-64-1	ppb-TOC	4200		2600		6200		5100		1600						2100		460	
Benzene	71-43-2	ppb-TOC	250		4200		7700		2700		1100		18000	U	11000	U	950	U	290	U
Bromodichloromethane	75-27-4	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
Bromoform	75-25-2	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
Bromomethane	74-83-9	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
Carbon Disulfide	75-15-0	ppb-TOC	640	U	540	U	770	U	440	U	320	U	4800		11000	U	950	U	110	
Carbon Tetrachloride	56-23-5	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
Chlorobenzene	108-90-7	ppb-TOC	890		440		1300		410		180		18000	U	11000	U	950	U	290	U
Chloroethane	75-00-3	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
Chloroform	67-66-3	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
Chloromethane	74-87-3	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
Dibromochloromethane	124-48-1	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
Ethylbenzene	100-41-4	ppb-TOC	970		260		960		3400		2500		13000		11000	U	950	U	290	U
Methylene Chloride	75-09-2	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
Styrene	100-42-5	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
Tetrachloroethene	127-18-4	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
Toluene	108-88-3	ppb-TOC	640	U	360		1300		1100		250		18000	U	11000	U	950	U	290	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
Trichloroethene	79-01-6	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
Vinyl Chloride	75-01-4	ppb-TOC	640	U	540	U	620	U	440	U	320	U	18000	U	11000	U	950	U	290	U
Xylene (Total)	1330-20-7	ppb-TOC	1300		8200		50000		22000		9300		41000		3300		320		290	U

		Location ID	NB01SED013		NB01SED014		NB01SED014		NB01SED014		NB01SED014		NB01SED015		NB01SED015		NB01SED015		NB01SED015	
		Sample Name	NB01SED013C-04		NB01SED014A-01		NB01SED014A-02		NB01SED014A-03		NB01SED014A-04		NB01SED015A-01		NB01SED015A-02		NB01SED015A-03		NB01SED015A-04	
		Date Collected	10/31/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/1/2005		11/1/2005		11/1/2005		11/1/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
1,1-Dichloroethane	75-34-3	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
1,1-Dichloroethene	75-35-4	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
1,2-Dichloropropane	78-87-5	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC															54000	U	450	
2-Hexanone	591-78-6	ppb-TOC	880	U	880	U	890	U	1700	U	1500	U	920	U	940	U	54000	U	840	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	880	U	880	U	890	U	1700	U	1500	U	920	U	940	U	54000	U	840	U
Acetone	67-64-1	ppb-TOC	1000		1200		680		1200		850		1400		630				3000	
Benzene	71-43-2	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Bromodichloromethane	75-27-4	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Bromoform	75-25-2	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Bromomethane	74-83-9	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Carbon Disulfide	75-15-0	ppb-TOC	460	U	150		160		320		230		460	U	440	U	8500		130	
Carbon Tetrachloride	56-23-5	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Chlorobenzene	108-90-7	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Chloroethane	75-00-3	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Chloroform	67-66-3	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Chloromethane	74-87-3	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Dibromochloromethane	124-48-1	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Ethylbenzene	100-41-4	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Methylene Chloride	75-09-2	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Styrene	100-42-5	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Tetrachloroethene	127-18-4	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Toluene	108-88-3	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Trichloroethene	79-01-6	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Vinyl Chloride	75-01-4	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	28000	U	420	U
Xylene (Total)	1330-20-7	ppb-TOC	460	U	420	U	470	U	840	U	770	U	460	U	440	U	19000		480	

		Location ID	NB01SED016		NB01SED016		NB01SED016		NB01SED016		NB01SED017		NB01SED017		NB01SED017		NB01SED018		NB01SED018	
		Sample Name	NB01SED016C-01		NB01SED016C-02		NB01SED016C-03		NB01SED016C-04		NB01SED017B-01		NB01SED017B-02		NB01SED017B-03		NB01SED018D-01		NB01SED018D-02	
		Date Collected	11/13/2005		11/13/2005		11/13/2005		11/13/2005		11/20/2005		11/20/2005		11/20/2005		11/6/2005		11/6/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
1,1-Dichloroethane	75-34-3	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
1,1-Dichloroethene	75-35-4	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
1,2-Dichloropropane	78-87-5	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC									1300	U	1300	U	890					
2-Hexanone	591-78-6	ppb-TOC	2300	U	1600	U	1200	U	820	U	1300	U	1300	U	1600	U	2100	U	3800	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	2300	U	1600	U	1200	U	820	U	1300	U	1300	U	1600	U	2100	U	3800	U
Acetone	67-64-1	ppb-TOC	5300		3300		2800		1500		3000		4400		6700		1500		2400	
Benzene	71-43-2	ppb-TOC	1100	U	810	U	110		1100		630	U	680	U	56		1100	U	2100	U
Bromodichloromethane	75-27-4	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
Bromoform	75-25-2	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
Bromomethane	74-83-9	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
Carbon Disulfide	75-15-0	ppb-TOC	1100	U	810	U	610	U	410	U	370		440		1300		540		690	
Carbon Tetrachloride	56-23-5	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
Chlorobenzene	108-90-7	ppb-TOC	2800		810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
Chloroethane	75-00-3	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
Chloroform	67-66-3	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
Chloromethane	74-87-3	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
Dibromochloromethane	124-48-1	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
Ethylbenzene	100-41-4	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
Methylene Chloride	75-09-2	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
Styrene	100-42-5	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
Tetrachloroethene	127-18-4	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
Toluene	108-88-3	ppb-TOC	1100	U	810	U	610	U	91		630	U	240		330		1100	U	2100	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
Trichloroethene	79-01-6	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
Vinyl Chloride	75-01-4	ppb-TOC	1100	U	810	U	610	U	410	U	630	U	680	U	780	U	1100	U	2100	U
Xylene (Total)	1330-20-7	ppb-TOC	1100	U	810	U	110		91		630	U	680	U	780	U	1100	U	2100	U

		Location ID	NB01SED019		NB01SED019		NB01SED019		NB01SED019		NB01SED020		NB01SED020		NB01SED020		NB01SED020		NB01SED020	
		Sample Name	NB01SED019A-01		NB01SED019A-02		NB01SED019A-03		NB01SED019A-04		NB01SED020A-01		NB01SED020A-02		NB01SED020A-03		NB01SED020A-04		NB01SED020A-05	
		Date Collected	11/2/2005		11/2/2005		11/2/2005		11/2/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
1,1-Dichloroethane	75-34-3	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
1,1-Dichloroethene	75-35-4	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
1,2-Dichloropropane	78-87-5	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	37000	U													290			
2-Hexanone	591-78-6	ppb-TOC	37000	U	1200	U	1000	U	460	U	1200	U	1200	U	720	U	690	U	650	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	37000	U	1200	U	1000	U	460	U	1200	U	1200	U	720	U	690	U	650	U
Acetone	67-64-1	ppb-TOC			1800		1500		380		980		1600		1200		1900		1500	
Benzene	71-43-2	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Bromodichloromethane	75-27-4	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Bromoform	75-25-2	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Bromomethane	74-83-9	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Carbon Disulfide	75-15-0	ppb-TOC	18000	U	350		350		170		170		270		350	U	230		160	
Carbon Tetrachloride	56-23-5	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Chlorobenzene	108-90-7	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Chloroethane	75-00-3	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Chloroform	67-66-3	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Chloromethane	74-87-3	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Dibromochloromethane	124-48-1	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Ethylbenzene	100-41-4	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Methylene Chloride	75-09-2	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Styrene	100-42-5	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Tetrachloroethene	127-18-4	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Toluene	108-88-3	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Trichloroethene	79-01-6	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Vinyl Chloride	75-01-4	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	340	U	320	U
Xylene (Total)	1330-20-7	ppb-TOC	18000	U	650	U	530	U	250	U	590	U	590	U	350	U	86		320	U

		Location ID	NB01SED020		NB01SED021		NB01SED021		NB01SED022		NB01SED022		NB01SED022		NB01SED022		NB01SED023		NB01SED023	
		Sample Name	NB01SED020A-06		NB01SED021B-01		NB01SED021B-02		NB01SED022A-01		NB01SED022A-02		NB01SED022A-03		NB01SED022A-04		NB01SED023A-01		NB01SED023A-02	
		Date Collected	11/8/2005		11/20/2005		11/20/2005		11/9/2005		11/9/2005		11/9/2005		11/9/2005		11/1/2005		11/1/2005	
		Depth	5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
1,1-Dichloroethane	75-34-3	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
1,1-Dichloroethene	75-35-4	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
1,2-Dichloropropane	78-87-5	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	630	U	1900	U	4800												560	
2-Hexanone	591-78-6	ppb-TOC	630	U	1900	U	2500	U	1600	U	1000	U	1100	U	1100	U	910	U	920	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	630	U	1900	U	2500	U	1600	U	1000	U	1100	U	1100	U	910	U	920	U
Acetone	67-64-1	ppb-TOC	1200		4500		24000		4800		1600		2500		2500		2400		3200	
Benzene	71-43-2	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	69		100		480	U	120	
Bromodichloromethane	75-27-4	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
Bromoform	75-25-2	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
Bromomethane	74-83-9	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
Carbon Disulfide	75-15-0	ppb-TOC	170		780		6100		790	U	520	U	550	U	570	U	170		480	
Carbon Tetrachloride	56-23-5	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
Chlorobenzene	108-90-7	ppb-TOC	300	U	940	U	1300	U	320		520	U	550	U	570	U	480	U	440	U
Chloroethane	75-00-3	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
Chloroform	67-66-3	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
Chloromethane	74-87-3	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
Dibromochloromethane	124-48-1	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
Ethylbenzene	100-41-4	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
Methylene Chloride	75-09-2	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
Styrene	100-42-5	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
Tetrachloroethene	127-18-4	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
Toluene	108-88-3	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
Trichloroethene	79-01-6	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
Vinyl Chloride	75-01-4	ppb-TOC	300	U	940	U	1300	U	790	U	520	U	550	U	570	U	480	U	440	U
Xylene (Total)	1330-20-7	ppb-TOC	67		940	U	1300	U	790	U	520	U	550	U	570	U	480	U	400	

		Location ID	NB01SED023		NB01SED023		NB01SED024		NB01SED024		NB01SED025		NB01SED025		NB01SED025		NB01SED025		NB01SED025	
		Sample Name	NB01SED023A-03		NB01SED023A-04		NB01SED024B-01		NB01SED024B-02		NB01SED025B-01		NB01SED025B-02		NB01SED025B-03		NB01SED025B-04		NB01SED025B-05	
		Date Collected	11/1/2005		11/1/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005		11/8/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
1,1-Dichloroethane	75-34-3	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
1,1-Dichloroethene	75-35-4	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
1,2-Dichloropropane	78-87-5	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC			26000	U	4600								470	U			290	
2-Hexanone	591-78-6	ppb-TOC	1000	U	26000	U	2700	U	2100	U	2000	U	520	U	470	U	500	U	520	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1000	U	26000	U	2700	U	2100	U	2000	U	520	U	470	U	500	U	520	U
Acetone	67-64-1	ppb-TOC	1900				20000		1300		1700		1100		1000		880		1600	
Benzene	71-43-2	ppb-TOC	130		13000	U	1300	U	120		1000	U	260	U	230	U	250	U	65	
Bromodichloromethane	75-27-4	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
Bromoform	75-25-2	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
Bromomethane	74-83-9	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
Carbon Disulfide	75-15-0	ppb-TOC	130		13000	U	2300		380		340		200		220		250		230	
Carbon Tetrachloride	56-23-5	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
Chlorobenzene	108-90-7	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
Chloroethane	75-00-3	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
Chloroform	67-66-3	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
Chloromethane	74-87-3	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
Dibromochloromethane	124-48-1	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
Ethylbenzene	100-41-4	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	55		250	U	65	
Methylene Chloride	75-09-2	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
Styrene	100-42-5	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
Tetrachloroethene	127-18-4	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
Toluene	108-88-3	ppb-TOC	500	U	13000	U	1300	U	380		1000	U	260	U	230	U	250	U	260	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
Trichloroethene	79-01-6	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
Vinyl Chloride	75-01-4	ppb-TOC	500	U	13000	U	1300	U	1200	U	1000	U	260	U	230	U	250	U	260	U
Xylene (Total)	1330-20-7	ppb-TOC	190		13000	U	1300	U	1200	U	1000	U	260	U	55		78		260	

		Location ID	NB01SED025		NB01SED026		NB01SED026		NB01SED027		NB01SED027		NB01SED027		NB01SED028		NB01SED028		NB01SED028	
		Sample Name	NB01SED025B-06		NB01SED026A-01		NB01SED026A-03		NB01SED027A-01		NB01SED027A-02		NB01SED027A-03		NB01SED028C-01		NB01SED028C-02		NB01SED028C-03	
		Date Collected	11/8/2005		11/2/2005		11/2/2005		11/14/2005		11/14/2005		11/14/2005		11/9/2005		11/9/2005		11/9/2005	
		Depth	5.0-6.5		0.0-0.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-3.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	300	U			2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
1,1-Dichloroethane	75-34-3	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
1,1-Dichloroethene	75-35-4	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
1,2-Dichloropropane	78-87-5	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC			950						740									
2-Hexanone	591-78-6	ppb-TOC	620	U	1300	U	4200	U	2300	U	1800	U	3100	U	1300	U	1200	U	1500	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	620	U	1300	U	4200	U	2300	U	1800	U	3100	U	1300	U	1200	U	1500	U
Acetone	67-64-1	ppb-TOC	950		5800		11000		4200		6000		7800		2000		2000		2600	
Benzene	71-43-2	ppb-TOC	300	U	630	U	2300	U	1200	U	96		180		640	U	600	U	95	
Bromodichloromethane	75-27-4	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
Bromoform	75-25-2	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
Bromomethane	74-83-9	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
Carbon Disulfide	75-15-0	ppb-TOC	240		470		770		1200	U	2200		1500	U	640	U	600	U	760	U
Carbon Tetrachloride	56-23-5	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
Chlorobenzene	108-90-7	ppb-TOC	300	U	260		2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
Chloroethane	75-00-3	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
Chloroform	67-66-3	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
Chloromethane	74-87-3	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
Dibromochloromethane	124-48-1	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
Ethylbenzene	100-41-4	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
Methylene Chloride	75-09-2	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
Styrene	100-42-5	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
Tetrachloroethene	127-18-4	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
Toluene	108-88-3	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
Trichloroethene	79-01-6	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
Vinyl Chloride	75-01-4	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U
Xylene (Total)	1330-20-7	ppb-TOC	300	U	630	U	2300	U	1200	U	960	U	1500	U	640	U	600	U	760	U

		Location ID	NB01SED028		NB01SED028		NB01SED028		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029		NB01SED029	
		Sample Name	NB01SED028C-04		NB01SED028C-05		NB01SED028C-06		NB01SED029C-01		NB01SED029C-02		NB01SED029C-03		NB01SED029C-04		NB01SED029C-05		NB01SED029C-06	
		Date Collected	11/9/2005		11/9/2005		11/9/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.5		4.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
1,1-Dichloroethane	75-34-3	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
1,1-Dichloroethene	75-35-4	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
1,2-Dichloropropane	78-87-5	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	500								1300		600				550			
2-Hexanone	591-78-6	ppb-TOC	1000	U	790	U	1100	U	1500	U	1700	U	1300	U	1300	U	1200	U	1300	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1000	U	790	U	1100	U	1500	U	1700	U	1300	U	1300	U	1200	U	1300	U
Acetone	67-64-1	ppb-TOC	4100		1000		2300		3400		7300		4900		4300		4800		2600	
Benzene	71-43-2	ppb-TOC	410		59		570	U	780	U	870	U	67		630	U	100		620	U
Bromodichloromethane	75-27-4	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
Bromoform	75-25-2	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
Bromomethane	74-83-9	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
Carbon Disulfide	75-15-0	ppb-TOC	710		380	U	570	U	780	U	1900		670	U	630	U	600	U	620	U
Carbon Tetrachloride	56-23-5	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
Chlorobenzene	108-90-7	ppb-TOC	210		380	U	570	U	220		870	U	670	U	630	U	600	U	620	U
Chloroethane	75-00-3	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
Chloroform	67-66-3	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
Chloromethane	74-87-3	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
Dibromochloromethane	124-48-1	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
Ethylbenzene	100-41-4	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
Methylene Chloride	75-09-2	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
Styrene	100-42-5	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
Tetrachloroethene	127-18-4	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
Toluene	108-88-3	ppb-TOC	120		380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
Trichloroethene	79-01-6	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
Vinyl Chloride	75-01-4	ppb-TOC	500	U	380	U	570	U	780	U	870	U	670	U	630	U	600	U	620	U
Xylene (Total)	1330-20-7	ppb-TOC	740		180		570	U	780	U	870	U	670	U	630	U	600	U	620	U

		Location ID	NB01SED030		NB01SED030		NB01SED031		NB01SED031		NB01SED031		NB01SED032		NB01SED032		NB01SED032		NB01SED032	
		Sample Name	NB01SED030B-01		NB01SED030B-02		NB01SED031A-01		NB01SED031A-02		NB01SED031A-03		NB01SED032A-01		NB01SED032A-02		NB01SED032A-03		NB01SED032A-04	
		Date Collected	11/15/2005		11/15/2005		11/14/2005		11/14/2005		11/14/2005		11/13/2005		11/13/2005		11/13/2005		11/13/2005	
		Depth	0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.8		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
1,1-Dichloroethane	75-34-3	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
1,1-Dichloroethene	75-35-4	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
1,2-Dichloropropane	78-87-5	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	2500		3300															
2-Hexanone	591-78-6	ppb-TOC	1800	U	1700	U	1500	U	1600	U	950	U	1400	U	1700	U	1300	U	1200	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1800	U	1700	U	1500	U	1600	U	950	U	1400	U	1700	U	1300	U	1200	U
Acetone	67-64-1	ppb-TOC	15000		15000		3300		3900		1800		2500		3800		4800		2900	
Benzene	71-43-2	ppb-TOC	920	U	840	U	740	U	130		48		680	U	800	U	320		380	
Bromodichloromethane	75-27-4	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
Bromoform	75-25-2	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
Bromomethane	74-83-9	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
Carbon Disulfide	75-15-0	ppb-TOC	1500		2600		580		500		290		680	U	800	U	650	U	580	U
Carbon Tetrachloride	56-23-5	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
Chlorobenzene	108-90-7	ppb-TOC	230		840	U	370		750	U	480	U	180		800	U	230		130	
Chloroethane	75-00-3	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
Chloroform	67-66-3	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
Chloromethane	74-87-3	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
Dibromochloromethane	124-48-1	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
Ethylbenzene	100-41-4	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
Methylene Chloride	75-09-2	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
Styrene	100-42-5	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
Tetrachloroethene	127-18-4	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
Toluene	108-88-3	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
Trichloroethene	79-01-6	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
Vinyl Chloride	75-01-4	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	650	U	580	U
Xylene (Total)	1330-20-7	ppb-TOC	920	U	840	U	740	U	750	U	480	U	680	U	800	U	900		960	

		Location ID	NB01SED033A		NB01SED033A		NB01SED034A		NB01SED034A		NB01SED034A		NB01SED034A		NB01SED035A		NB01SED036		NB01SED036	
		Sample Name	NB01SED033AD-01		NB01SED033AD-02		NB01SED034AC-01		NB01SED034AC-02		NB01SED034AC-02		NB01SED034AC-03		NB01SED035AC-01		NB01SED036F-01		NB01SED036F-02	
		Date Collected	12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		12/11/2005		11/27/2005		11/27/2005	
		Depth	0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		0.5-1.5		1.5-3.0		0.0-0.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
1,1-Dichloroethane	75-34-3	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
1,1-Dichloroethene	75-35-4	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
1,2-Dichloropropane	78-87-5	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC			650				860				550				1800			
2-Hexanone	591-78-6	ppb-TOC	1400	U	1400	U	2100	U			1600	U	1400	U	1800	U	1300	U	1200	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1400	U	1400	U	2100	U			1600	U	1400	U	1800	U	1300	U	1200	U
Acetone	67-64-1	ppb-TOC	1900		4300		2800				4400		4200		2900		8900		2600	
Benzene	71-43-2	ppb-TOC	650	U	700	U	1100	U			790	U	91		900	U	92		620	U
Bromodichloromethane	75-27-4	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
Bromoform	75-25-2	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
Bromomethane	74-83-9	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
Carbon Disulfide	75-15-0	ppb-TOC	290		600		410				510		270		480		2200		620	U
Carbon Tetrachloride	56-23-5	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
Chlorobenzene	108-90-7	ppb-TOC	650	U	700	U	2000				790	U	680	U	900	U	430		620	U
Chloroethane	75-00-3	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
Chloroform	67-66-3	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
Chloromethane	74-87-3	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
Dibromochloromethane	124-48-1	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
Ethylbenzene	100-41-4	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
Methylene Chloride	75-09-2	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
Styrene	100-42-5	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
Tetrachloroethene	127-18-4	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
Toluene	108-88-3	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	230		240	
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
Trichloroethene	79-01-6	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
Vinyl Chloride	75-01-4	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U
Xylene (Total)	1330-20-7	ppb-TOC	650	U	700	U	1100	U			790	U	680	U	900	U	650	U	620	U

		Location ID	NB01SED036		NB01SED037		NB01SED037		NB01SED037		NB01SED037		NB01SED038		NB01SED038		NB01SED038		NB01SED038	
		Sample Name	NB01SED036F-03		NB01SED037C-01		NB01SED037C-02		NB01SED037C-03		NB01SED037C-04		NB01SED038A-01		NB01SED038A-02		NB01SED038A-03		NB01SED038A-04	
		Date Collected	11/27/2005		11/14/2005		11/14/2005		11/14/2005		11/14/2005		11/20/2005		11/20/2005		11/20/2005		11/20/2005	
		Depth	1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
1,1-Dichloroethane	75-34-3	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
1,1-Dichloroethene	75-35-4	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
1,2-Dichloropropane	78-87-5	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC			860								1800	U	1800	U	1300	U	2300	U
2-Hexanone	591-78-6	ppb-TOC	1100	U	1900	U	1000	U	1500	U	1800	U	1800	U	1800	U	1300	U	2300	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1100	U	1900	U	1000	U	1500	U	1800	U	1800	U	1800	U	1300	U	2300	U
Acetone	67-64-1	ppb-TOC	2300		6500		2900		3500		1700		3200		3300		1900		2600	
Benzene	71-43-2	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Bromodichloromethane	75-27-4	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Bromoform	75-25-2	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Bromomethane	74-83-9	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Carbon Disulfide	75-15-0	ppb-TOC	580	U	870		380		440		630		260		250		440		410	
Carbon Tetrachloride	56-23-5	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Chlorobenzene	108-90-7	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Chloroethane	75-00-3	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Chloroform	67-66-3	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Chloromethane	74-87-3	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Dibromochloromethane	124-48-1	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Ethylbenzene	100-41-4	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Methylene Chloride	75-09-2	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Styrene	100-42-5	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Tetrachloroethene	127-18-4	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Toluene	108-88-3	ppb-TOC	130		960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Trichloroethene	79-01-6	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Vinyl Chloride	75-01-4	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U
Xylene (Total)	1330-20-7	ppb-TOC	580	U	960	U	510	U	760	U	840	U	920	U	880	U	670	U	1200	U

		Location ID	NB01SED039		NB01SED039		NB01SED039		NB01SED039		NB01SED040		NB01SED040		NB01SED040		NB01SED040		NB01SED041	
		Sample Name	NB01SED039A-01		NB01SED039A-02		NB01SED039A-03		NB01SED039A-04		NB01SED040A-01		NB01SED040A-02		NB01SED040A-03		NB01SED040A-04		NB01SED041A-01	
		Date Collected	11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005		11/15/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
1,1-Dichloroethane	75-34-3	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
1,1-Dichloroethene	75-35-4	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
1,2-Dichloropropane	78-87-5	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC			1500								340				290			
2-Hexanone	591-78-6	ppb-TOC	1000	U	1100	U	1900	U	2400	U	750	U	840	U	690	U	630	U	1100	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1000	U	1100	U	1900	U	2400	U	750	U	840	U	690	U	630	U	1100	U
Acetone	67-64-1	ppb-TOC	1700		7000		2900		4900		1300		2200		1600		1800		3000	
Benzene	71-43-2	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Bromodichloromethane	75-27-4	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Bromoform	75-25-2	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Bromomethane	74-83-9	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Carbon Disulfide	75-15-0	ppb-TOC	220		2700		250		450		370	U	410	U	340	U	410		530	U
Carbon Tetrachloride	56-23-5	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Chlorobenzene	108-90-7	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Chloroethane	75-00-3	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Chloroform	67-66-3	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Chloromethane	74-87-3	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Dibromochloromethane	124-48-1	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Ethylbenzene	100-41-4	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Methylene Chloride	75-09-2	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Styrene	100-42-5	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Tetrachloroethene	127-18-4	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Toluene	108-88-3	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Trichloroethene	79-01-6	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Vinyl Chloride	75-01-4	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U
Xylene (Total)	1330-20-7	ppb-TOC	500	U	550	U	880	U	1200	U	370	U	410	U	340	U	320	U	530	U

		Location ID	NB01SED041		NB01SED041		NB01SED041		NB01SED042		NB01SED042		NB01SED042		NB01SED043		NB01SED043		NB01SED043	
		Sample Name	NB01SED041A-02		NB01SED041A-03		NB01SED041A-04		NB01SED042B-01		NB01SED042B-02		NB01SED042B-03		NB01SED043C-01		NB01SED043C-02		NB01SED043C-03	
		Date Collected	11/15/2005		11/15/2005		11/15/2005		12/5/2005		12/5/2005		12/5/2005		11/20/2005		11/20/2005		11/20/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.8	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
1,1-Dichloroethane	75-34-3	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
1,1-Dichloroethene	75-35-4	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
1,2-Dichloropropane	78-87-5	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC			210		280		1900				1700	U	1400	U	1300	U	1400	U
2-Hexanone	591-78-6	ppb-TOC	720	U	460	U	700	U	2200	U	2500	U	1700	U	1400	U	1300	U	1400	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	720	U	460	U	700	U	2200	U	2500	U	1700	U	1400	U	1300	U	1400	U
Acetone	67-64-1	ppb-TOC	1000		1200		1900		10000		5200		3500		3100		1600		2200	
Benzene	71-43-2	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	83	
Bromodichloromethane	75-27-4	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
Bromoform	75-25-2	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
Bromomethane	74-83-9	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
Carbon Disulfide	75-15-0	ppb-TOC	360	U	230	U	350	U	810		550		680		440		420		330	
Carbon Tetrachloride	56-23-5	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
Chlorobenzene	108-90-7	ppb-TOC	360	U	230	U	350	U	880		1200	U	840	U	690	U	630	U	750	U
Chloroethane	75-00-3	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
Chloroform	67-66-3	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
Chloromethane	74-87-3	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
Dibromochloromethane	124-48-1	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
Ethylbenzene	100-41-4	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
Methylene Chloride	75-09-2	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
Styrene	100-42-5	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
Tetrachloroethene	127-18-4	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
Toluene	108-88-3	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
Trichloroethene	79-01-6	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
Vinyl Chloride	75-01-4	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U
Xylene (Total)	1330-20-7	ppb-TOC	360	U	230	U	350	U	1100	U	1200	U	840	U	690	U	630	U	750	U

		Location ID	NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED044		NB01SED045		NB01SED045		NB01SED045	
		Sample Name	NB01SED044A-01		NB01SED044A-02		NB01SED044A-03		NB01SED044A-04		NB01SED044A-05		NB01SED044A-06		NB01SED045B-01		NB01SED045B-02		NB01SED045B-03	
		Date Collected	11/27/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005		11/27/2005		12/6/2005		12/6/2005		12/6/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
1,1-Dichloroethane	75-34-3	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
1,1-Dichloroethene	75-35-4	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
1,2-Dichloropropane	78-87-5	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	970	U	1100	U	390		530		620		430							
2-Hexanone	591-78-6	ppb-TOC	970	U	1100	U	850	U	970	U	1000	U	1000	U	860	U	600	U	1300	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	970	U	1100	U	850	U	970	U	1000	U	1000	U	860	U	600	U	1300	U
Acetone	67-64-1	ppb-TOC	1700		2200		3200		3300		3800		3000		1000		500		1700	
Benzene	71-43-2	ppb-TOC	500	U	550	U	98		630		3300		4800		430	U	300	U	640	U
Bromodichloromethane	75-27-4	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
Bromoform	75-25-2	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
Bromomethane	74-83-9	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
Carbon Disulfide	75-15-0	ppb-TOC	220		260		290		300		570		400		430	U	300	U	210	
Carbon Tetrachloride	56-23-5	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
Chlorobenzene	108-90-7	ppb-TOC	500	U	550	U	120		170		240		330		430	U	300	U	640	U
Chloroethane	75-00-3	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
Chloroform	67-66-3	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
Chloromethane	74-87-3	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
Dibromochloromethane	124-48-1	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
Ethylbenzene	100-41-4	ppb-TOC	500	U	550	U	440	U	470	U	500	U	180		430	U	300	U	640	U
Methylene Chloride	75-09-2	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
Styrene	100-42-5	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
Tetrachloroethene	127-18-4	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
Toluene	108-88-3	ppb-TOC	500	U	550	U	440	U	130		240		350		430	U	300	U	640	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
Trichloroethene	79-01-6	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
Vinyl Chloride	75-01-4	ppb-TOC	500	U	550	U	440	U	470	U	500	U	530	U	430	U	300	U	640	U
Xylene (Total)	1330-20-7	ppb-TOC	500	U	550	U	200		1000		4800		9500		430	U	300	U	640	U

		Location ID	NB01SED045		NB01SED045		NB01SED045		NB01SED046		NB01SED046		NB01SED046		NB01SED047		NB01SED047		NB01SED047	
		Sample Name	NB01SED045B-04		NB01SED045B-05		NB01SED045B-06		NB01SED046E-01		NB01SED046E-02		NB01SED046E-03		NB01SED047A-01		NB01SED047A-02		NB01SED047A-03	
		Date Collected	12/6/2005		12/6/2005		12/6/2005		12/5/2005		12/5/2005		12/5/2005		11/17/2005		11/17/2005		11/17/2005	
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-3.5		0.0-0.5		0.5-1.5		1.5-3.0	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
1,1-Dichloroethane	75-34-3	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
1,1-Dichloroethene	75-35-4	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
1,2-Dichloropropane	78-87-5	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC							1300	U			1300	U	1400		920		1000	
2-Hexanone	591-78-6	ppb-TOC	2200	U	1200	U	1400	U	1300	U	1500	U	1300	U	1400	U	1300	U	1600	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	2200	U	1200	U	1400	U	1300	U	1500	U	1300	U	1400	U	1300	U	1600	U
Acetone	67-64-1	ppb-TOC	3200		1400		1700		2000		4000		2800		6800		5400		6300	
Benzene	71-43-2	ppb-TOC	1100	U	560	U	670	U	630	U	83		83		680	U	670	U	800	U
Bromodichloromethane	75-27-4	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
Bromoform	75-25-2	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
Bromomethane	74-83-9	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
Carbon Disulfide	75-15-0	ppb-TOC	400		170		250		260		380		420		1500		630		1700	
Carbon Tetrachloride	56-23-5	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
Chlorobenzene	108-90-7	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
Chloroethane	75-00-3	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
Chloroform	67-66-3	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
Chloromethane	74-87-3	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
Dibromochloromethane	124-48-1	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
Ethylbenzene	100-41-4	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
Methylene Chloride	75-09-2	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
Styrene	100-42-5	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
Tetrachloroethene	127-18-4	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
Toluene	108-88-3	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
Trichloroethene	79-01-6	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
Vinyl Chloride	75-01-4	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	670	U	680	U	670	U	800	U
Xylene (Total)	1330-20-7	ppb-TOC	1100	U	560	U	670	U	630	U	750	U	420		680	U	670	U	800	U

		Location ID	NB01SED048		NB01SED048		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED049		NB01SED050	
		Sample Name	NB01SED048A-01		NB01SED048A-02		NB01SED049C-01		NB01SED049C-02		NB01SED049C-03		NB01SED049C-04		NB01SED049C-05		NB01SED049C-06		NB01SED050A-01	
		Date Collected	11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		11/17/2005		12/4/2005	
		Depth	0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
1,1-Dichloroethane	75-34-3	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
1,1-Dichloroethene	75-35-4	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
1,2-Dichloropropane	78-87-5	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	1600		2600		2600		1100		1100		700		1700		470			
2-Hexanone	591-78-6	ppb-TOC	1500	U	1600	U	1100	U	1100	U	820	U	960	U	850	U	760	U	1500	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1500	U	1600	U	1100	U	1100	U	820	U	960	U	850	U	760	U	1500	U
Acetone	67-64-1	ppb-TOC	9100		12000		12000		5800		5900		3900		7900		3200		620	
Benzene	71-43-2	ppb-TOC	740	U	830	U	180		2400		3600		3500		330		1100		690	U
Bromodichloromethane	75-27-4	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
Bromoform	75-25-2	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
Bromomethane	74-83-9	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
Carbon Disulfide	75-15-0	ppb-TOC	1500		4000		2100		1100		1500		370		1500		290		150	
Carbon Tetrachloride	56-23-5	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
Chlorobenzene	108-90-7	ppb-TOC	390		830	U	550	U	360		480		420		150		180		690	U
Chloroethane	75-00-3	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
Chloroform	67-66-3	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
Chloromethane	74-87-3	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
Dibromochloromethane	124-48-1	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
Ethylbenzene	100-41-4	ppb-TOC	740	U	830	U	550	U	530	U	110		470	U	440	U	380	U	690	U
Methylene Chloride	75-09-2	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
Styrene	100-42-5	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
Tetrachloroethene	127-18-4	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
Toluene	108-88-3	ppb-TOC	740	U	830	U	550	U	140		140		490		100		88		690	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
Trichloroethene	79-01-6	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
Vinyl Chloride	75-01-4	ppb-TOC	740	U	830	U	550	U	530	U	410	U	470	U	440	U	380	U	690	U
Xylene (Total)	1330-20-7	ppb-TOC	740	U	830	U	550	U	110		200		470	U	440	U	290		690	U

		Location ID	NB01SED050		NB01SED050		NB01SED050		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051		NB01SED051	
		Sample Name	NB01SED050A-02		NB01SED050A-03		NB01SED050A-04		NB01SED051D-01		NB01SED051D-02		NB01SED051D-03		NB01SED051D-04		NB01SED051D-05		NB01SED051D-06	
		Date Collected	12/4/2005		12/4/2005		12/4/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005		12/5/2005	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
1,1-Dichloroethane	75-34-3	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
1,1-Dichloroethene	75-35-4	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
1,2-Dichloropropane	78-87-5	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC							1000	U	880	U	630		1400	U	910	U	520	
2-Hexanone	591-78-6	ppb-TOC	1400	U	1800	U	1900	U	1000	U	880	U	1300	U	1400	U	910	U	650	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1400	U	1800	U	1900	U	1000	U	880	U	1300	U	1400	U	910	U	650	U
Acetone	67-64-1	ppb-TOC	1100		1200		1100		1500		2100		4100		3200		2300		2900	
Benzene	71-43-2	ppb-TOC	690	U	850	U	960	U	550	U	430	U	74		670		1400		2300	
Bromodichloromethane	75-27-4	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
Bromoform	75-25-2	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
Bromomethane	74-83-9	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
Carbon Disulfide	75-15-0	ppb-TOC	310		460		360		180		170		630		490		290		230	
Carbon Tetrachloride	56-23-5	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
Chlorobenzene	108-90-7	ppb-TOC	690	U	850	U	960	U	140		430	U	220		160		440	U	150	
Chloroethane	75-00-3	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
Chloroform	67-66-3	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
Chloromethane	74-87-3	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
Dibromochloromethane	124-48-1	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
Ethylbenzene	100-41-4	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	96	
Methylene Chloride	75-09-2	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
Styrene	100-42-5	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
Tetrachloroethene	127-18-4	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
Toluene	108-88-3	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	150	
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
Trichloroethene	79-01-6	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
Vinyl Chloride	75-01-4	ppb-TOC	690	U	850	U	960	U	550	U	430	U	630	U	690	U	440	U	330	U
Xylene (Total)	1330-20-7	ppb-TOC	690	U	850	U	960	U	550	U	430	U	850		1100		1200		5200	

		Location ID	NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED052		NB01SED053		NB01SED053		NB01SED053	
		Sample Name	NB01SED052B-01		NB01SED052B-02		NB01SED052B-03		NB01SED052B-04		NB01SED052B-05		NB01SED052B-06		NB01SED053B-01		NB01SED053B-02		NB01SED053B-03	
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/4/2005		12/4/2005		12/4/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-3.5		3.5-6.0		6.0-8.5		8.5-11.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
1,1-Dichloroethane	75-34-3	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
1,1-Dichloroethene	75-35-4	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
1,2-Dichloropropane	78-87-5	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	1500	U	1200	U	660		560		840	U	570							
2-Hexanone	591-78-6	ppb-TOC	1500	U	1200	U	930	U	1000	U	840	U	780	U	1000	U	1800	U	1400	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1500	U	1200	U	930	U	1000	U	840	U	780	U	1000	U	1800	U	1400	U
Acetone	67-64-1	ppb-TOC	3100		2700		5500		4800		3000		5000		900		1300		1300	
Benzene	71-43-2	ppb-TOC	740	U	620	U	160		670		2000		2800		490	U	830	U	640	U
Bromodichloromethane	75-27-4	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
Bromoform	75-25-2	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
Bromomethane	74-83-9	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
Carbon Disulfide	75-15-0	ppb-TOC	410		380		1200		700		560		780		150		250		210	
Carbon Tetrachloride	56-23-5	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
Chlorobenzene	108-90-7	ppb-TOC	350		620	U	270		110		250		480		310		830	U	640	U
Chloroethane	75-00-3	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
Chloroform	67-66-3	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
Chloromethane	74-87-3	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
Dibromochloromethane	124-48-1	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
Ethylbenzene	100-41-4	ppb-TOC	740	U	620	U	450	U	520	U	720		2800		490	U	830	U	640	U
Methylene Chloride	75-09-2	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
Styrene	100-42-5	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
Tetrachloroethene	127-18-4	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
Toluene	108-88-3	ppb-TOC	740	U	620	U	140		110		250		830		490	U	830	U	640	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
Trichloroethene	79-01-6	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
Vinyl Chloride	75-01-4	ppb-TOC	740	U	620	U	450	U	520	U	440	U	390	U	490	U	830	U	640	U
Xylene (Total)	1330-20-7	ppb-TOC	740	U	620	U	480		1000		3800		14000		490	U	830	U	640	U

Table B-10
TOC-Normalized Volatiles

		Location ID	NB01SED053		NB01SED053		NB01SED053		NB01SED054		NB01SED054		NB01SED054		NB01SED054		NB01SED055		NB01SED055	
		Sample Name	NB01SED053B-04		NB01SED053B-05		NB01SED053B-06		NB01SED054A-01		NB01SED054A-02		NB01SED054A-03		NB01SED054A-04		NB01SED055D-01		NB01SED055D-02	
		Date Collected	12/4/2005		12/4/2005		12/4/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005	
		Depth	2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
1,1-Dichloroethane	75-34-3	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
1,1-Dichloroethene	75-35-4	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
1,2-Dichloropropane	78-87-5	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC							2900	U	2900	U	2300	U	3300	U	1600	U	2000	U
2-Hexanone	591-78-6	ppb-TOC	1200	U	960	U	1100	U	2900	U	2900	U	2300	U	3300	U	1600	U	2000	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1200	U	960	U	1100	U	2900	U	2900	U	2300	U	3300	U	1600	U	2000	U
Acetone	67-64-1	ppb-TOC	1100		840		710		6200		4000		1300		2100		1800		2000	
Benzene	71-43-2	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
Bromodichloromethane	75-27-4	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
Bromoform	75-25-2	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
Bromomethane	74-83-9	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
Carbon Disulfide	75-15-0	ppb-TOC	220		240		290		1400		580		380		1500		320		280	
Carbon Tetrachloride	56-23-5	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
Chlorobenzene	108-90-7	ppb-TOC	610	U	480	U	570	U	3000		1300	U	1200	U	1800	U	790	U	990	U
Chloroethane	75-00-3	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
Chloroform	67-66-3	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
Chloromethane	74-87-3	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
Dibromochloromethane	124-48-1	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
Ethylbenzene	100-41-4	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
Methylene Chloride	75-09-2	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
Styrene	100-42-5	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
Tetrachloroethene	127-18-4	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
Toluene	108-88-3	ppb-TOC	610	U	480	U	570	U	300		1300	U	1200	U	3000		790	U	990	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
Trichloroethene	79-01-6	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
Vinyl Chloride	75-01-4	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U
Xylene (Total)	1330-20-7	ppb-TOC	610	U	480	U	570	U	1500	U	1300	U	1200	U	1800	U	790	U	990	U

		Location ID	NB01SED055		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED056		NB01SED057		NB01SED057	
		Sample Name	NB01SED055D-03		NB01SED056B-01		NB01SED056B-02		NB01SED056B-03		NB01SED056B-04		NB01SED056B-05		NB01SED056B-06		NB01SED057B-01		NB01SED057B-02	
		Date Collected	11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		11/30/2005		12/6/2005		12/6/2005	
		Depth	1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
1,1-Dichloroethane	75-34-3	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
1,1-Dichloroethene	75-35-4	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
1,2-Dichloropropane	78-87-5	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	1700	U	950	U	1100		560		570		410		470					
2-Hexanone	591-78-6	ppb-TOC	1700	U	950	U	2000	U	1400	U	1100	U	900	U	600	U	1200	U	4200	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1700	U	950	U	2000	U	1400	U	1100	U	900	U	600	U	1200	U	4200	U
Acetone	67-64-1	ppb-TOC	2900		1200		7100		4100		3700		2500		2900		2000		12000	
Benzene	71-43-2	ppb-TOC	830	U	450	U	140		3300		4000		720		320		580	U	2100	U
Bromodichloromethane	75-27-4	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
Bromoform	75-25-2	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
Bromomethane	74-83-9	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
Carbon Disulfide	75-15-0	ppb-TOC	1300		140		1600		1100		730		550		370		580	U	2100	U
Carbon Tetrachloride	56-23-5	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
Chlorobenzene	108-90-7	ppb-TOC	830	U	450	U	1000	U	330		170		450	U	290	U	580	U	2100	U
Chloroethane	75-00-3	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
Chloroform	67-66-3	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
Chloromethane	74-87-3	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
Dibromochloromethane	124-48-1	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
Ethylbenzene	100-41-4	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
Methylene Chloride	75-09-2	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
Styrene	100-42-5	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
Tetrachloroethene	127-18-4	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
Toluene	108-88-3	ppb-TOC	830	U	450	U	210		190		230		450	U	65		580	U	2100	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
Trichloroethene	79-01-6	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
Vinyl Chloride	75-01-4	ppb-TOC	830	U	450	U	1000	U	700	U	570	U	450	U	290	U	580	U	2100	U
Xylene (Total)	1330-20-7	ppb-TOC	830	U	450	U	1000	U	7400		5700		1300		1400		580	U	2100	U

		Location ID	NB01SED057		NB01SED057		NB01SED058		NB01SED058		NB01SED058		NB01SED058		NB01SED059		NB01SED059		NB01SED059	
		Sample Name	NB01SED057B-03		NB01SED057B-04		NB01SED058B-01		NB01SED058B-02		NB01SED058B-03		NB01SED058B-04		NB01SED059A-01		NB01SED059A-02		NB01SED059A-03	
		Date Collected	12/6/2005		12/6/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-4.0		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
1,1-Dichloroethane	75-34-3	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
1,1-Dichloroethene	75-35-4	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	530	U	500	U	430	U	110		480	U	600	U	670	U	600	U	630	U
1,2-Dichloropropane	78-87-5	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC			760		790		460		960	U	1200	U						
2-Hexanone	591-78-6	ppb-TOC	1100	U	1000	U	860	U	1100	U	960	U	1200	U	1300	U	1200	U	1200	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1100	U	1000	U	860	U	1100	U	960	U	1200	U	1300	U	1200	U	1200	U
Acetone	67-64-1	ppb-TOC	3200		4500		4300		3500		1400		1600		1900		1600		1400	
Benzene	71-43-2	ppb-TOC	130		340		36		1000		480	U	600	U	670	U	600	U	630	U
Bromodichloromethane	75-27-4	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
Bromoform	75-25-2	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
Bromomethane	74-83-9	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
Carbon Disulfide	75-15-0	ppb-TOC	260		470		930		430		480	U	600	U	190		600	U	630	U
Carbon Tetrachloride	56-23-5	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
Chlorobenzene	108-90-7	ppb-TOC	110		210		140		220		480	U	600	U	670	U	600	U	630	U
Chloroethane	75-00-3	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
Chloroform	67-66-3	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
Chloromethane	74-87-3	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
Dibromochloromethane	124-48-1	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
Ethylbenzene	100-41-4	ppb-TOC	530	U	500	U	430	U	240		480	U	600	U	670	U	600	U	630	U
Methylene Chloride	75-09-2	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
Styrene	100-42-5	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
Tetrachloroethene	127-18-4	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
Toluene	108-88-3	ppb-TOC	530	U	160		110		270		480	U	600	U	670	U	600	U	630	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
Trichloroethene	79-01-6	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
Vinyl Chloride	75-01-4	ppb-TOC	530	U	500	U	430	U	570	U	480	U	600	U	670	U	600	U	630	U
Xylene (Total)	1330-20-7	ppb-TOC	950		4200		430	U	2500		480	U	600	U	670	U	600	U	630	U

		Location ID	NB01SED059		NB01SED060		NB01SED060		NB01SED060		NB01SED060		NB01SED061		NB01SED061		NB01SED062		NB01SED062	
		Sample Name	NB01SED059A-04		NB01SED060B-01		NB01SED060B-02		NB01SED060B-03		NB01SED060B-04		NB01SED061A-01		NB01SED061A-02		NB01SED062A-01		NB01SED062A-02	
		Date Collected	12/8/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/28/2005		11/28/2005		11/21/2005		11/21/2005	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.0		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
1,1-Dichloroethane	75-34-3	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
1,1-Dichloroethene	75-35-4	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
1,2-Dichloropropane	78-87-5	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC			1000	U	900	U	1100	U	590		1000				2500	U	1400	U
2-Hexanone	591-78-6	ppb-TOC	1200	U	1000	U	900	U	1100	U	1100	U	1700	U	1900	U	2500	U	1400	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1200	U	1000	U	900	U	1100	U	1100	U	1700	U	1900	U	2500	U	1400	U
Acetone	67-64-1	ppb-TOC	1600		1800		1400		1600		3600		5500		2400		3800		1400	
Benzene	71-43-2	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Bromodichloromethane	75-27-4	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Bromoform	75-25-2	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Bromomethane	74-83-9	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Carbon Disulfide	75-15-0	ppb-TOC	630	U	540	U	450	U	540	U	560	U	1000	U	1000	U	1300		310	
Carbon Tetrachloride	56-23-5	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Chlorobenzene	108-90-7	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Chloroethane	75-00-3	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Chloroform	67-66-3	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Chloromethane	74-87-3	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Dibromochloromethane	124-48-1	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Ethylbenzene	100-41-4	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Methylene Chloride	75-09-2	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Styrene	100-42-5	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Tetrachloroethene	127-18-4	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Toluene	108-88-3	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Trichloroethene	79-01-6	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Vinyl Chloride	75-01-4	ppb-TOC	630	U	540	U	450	U	540	U	560	U	830	U	1000	U	1300	U	690	U
Xylene (Total)	1330-20-7	ppb-TOC	630	U	540	U	450	U	540	U	110		830	U	1000	U	1300	U	690	U

		Location ID	NB01SED062		NB01SED062		NB01SED063		NB01SED063		NB01SED063		NB01SED063		NB01SED064		NB01SED064		NB01SED064	
		Sample Name	NB01SED062A-03		NB01SED062A-04		NB01SED063C-01		NB01SED063C-02		NB01SED063C-03		NB01SED063C-04		NB01SED064B-01		NB01SED064B-02		NB01SED064B-03	
		Date Collected	11/21/2005		11/21/2005		12/8/2005		12/8/2005		12/8/2005		12/8/2005		11/21/2005		11/21/2005		11/21/2005	
		Depth	1.5-2.5		2.5-3.5		0.0-0.5		0.5-1.5		1.5-3.5		3.5-4.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
1,1-Dichloroethane	75-34-3	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
1,1-Dichloroethene	75-35-4	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
1,2-Dichloropropane	78-87-5	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	820	U	580	U					370				850	U	880	U	4100	U
2-Hexanone	591-78-6	ppb-TOC	820	U	580	U	690	U	1700	U	870	U	620	U	850	U	880	U	4100	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	820	U	580	U	690	U	1700	U	870	U	620	U	850	U	880	U	4100	U
Acetone	67-64-1	ppb-TOC	940		520		1100		4000		2700		1300		1200		1000		4100	U
Benzene	71-43-2	ppb-TOC	410	U	290	U	350	U	77		33		69		430	U	410	U	1900	U
Bromodichloromethane	75-27-4	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
Bromoform	75-25-2	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
Bromomethane	74-83-9	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
Carbon Disulfide	75-15-0	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	310		410	U	1900	
Carbon Tetrachloride	56-23-5	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
Chlorobenzene	108-90-7	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
Chloroethane	75-00-3	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
Chloroform	67-66-3	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
Chloromethane	74-87-3	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
Dibromochloromethane	124-48-1	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
Ethylbenzene	100-41-4	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
Methylene Chloride	75-09-2	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
Styrene	100-42-5	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
Tetrachloroethene	127-18-4	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
Toluene	108-88-3	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
Trichloroethene	79-01-6	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
Vinyl Chloride	75-01-4	ppb-TOC	410	U	290	U	350	U	850	U	430	U	310	U	430	U	410	U	1900	U
Xylene (Total)	1330-20-7	ppb-TOC	410	U	290	U	350	U	850	U	430	U	380		430	U	410	U	1900	U

Table B-10
TOC-Normalized Volatiles

		Location ID	NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED065		NB01SED066		NB01SED066		NB01SED068	
		Sample Name	NB01SED065A-01		NB01SED065A-02		NB01SED065A-03		NB01SED065A-04		NB01SED065A-05		NB01SED065A-06		NB01SED066E-01		NB01SED066E-02		NB01SED068B-01	
		Date Collected	11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		11/21/2005		12/8/2005		12/8/2005		10/30/2005	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
1,1-Dichloroethane	75-34-3	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
1,1-Dichloroethene	75-35-4	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
1,2-Dichloropropane	78-87-5	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	1000	U	620		470		810	U	1000	U	1200	U					890	
2-Hexanone	591-78-6	ppb-TOC	1000	U	1500	U	1000	U	810	U	1000	U	1200	U	1900	U	1400	U	1100	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1000	U	1500	U	1000	U	810	U	1000	U	1200	U	1900	U	1400	U	1100	U
Acetone	67-64-1	ppb-TOC	1900		3900		3000		1300		2300		2300		1600		1200		4400	
Benzene	71-43-2	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
Bromodichloromethane	75-27-4	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
Bromoform	75-25-2	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
Bromomethane	74-83-9	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
Carbon Disulfide	75-15-0	ppb-TOC	230		670		190		95		520	U	310		1000	U	700	U	500	
Carbon Tetrachloride	56-23-5	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
Chlorobenzene	108-90-7	ppb-TOC	140		760	U	500	U	430	U	520	U	560	U	1000	U	700	U	780	
Chloroethane	75-00-3	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
Chloroform	67-66-3	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
Chloromethane	74-87-3	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
Dibromochloromethane	124-48-1	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
Ethylbenzene	100-41-4	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
Methylene Chloride	75-09-2	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
Styrene	100-42-5	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
Tetrachloroethene	127-18-4	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
Toluene	108-88-3	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	420	
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
Trichloroethene	79-01-6	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
Vinyl Chloride	75-01-4	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U
Xylene (Total)	1330-20-7	ppb-TOC	500	U	760	U	500	U	430	U	520	U	560	U	1000	U	700	U	530	U

Table B-10
TOC-Normalized Volatiles

		Location ID	NB01SED068		NB01SED068		NB01SED068		NB01SED068		NB01SED068		NB02SED070		NB02SED070		NB02SED070		NB02SED070	
		Sample Name	NB01SED068B-02		NB01SED068B-03		NB01SED068B-04		NB01SED068B-05		NB01SED068B-06		NB02SED070C-01		NB02SED070C-02		NB02SED070C-03		NB02SED070C-04	
		Date Collected	10/30/2005		10/30/2005		10/30/2005		10/30/2005		10/30/2005		12/11/2007		12/11/2007		12/11/2007		12/11/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.0		5.0-6.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
1,1,2-Trichloroethane	79-00-5	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
1,1-Dichloroethane	75-34-3	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
1,1-Dichloroethene	75-35-4	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC											590	U	310	U	340	U	360	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC											590	U	310	U	340	U	360	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC											590	U	310	U	340	U	360	U
1,2-Dichloroethane	107-06-2	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
1,2-Dichloropropane	78-87-5	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
1,3-Dichlorobenzene	541-73-1	ppb-TOC											590	U	310	U	340	U	360	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC											590	U	310	U	340	U	360	U
2-Butanone	78-93-3	ppb-TOC									490									
2-Hexanone	591-78-6	ppb-TOC	1200	U	1200	U	890	U	940	U	1200	U								
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1200	U	1200	U	890	U	940	U	1200	U								
Acetone	67-64-1	ppb-TOC	2400		3000		2100		2500		3700									
Benzene	71-43-2	ppb-TOC	570	U	620	U	56		88		290									
Bromodichloromethane	75-27-4	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
Bromoform	75-25-2	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
Bromomethane	74-83-9	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
Carbon Disulfide	75-15-0	ppb-TOC	370		380		330		290		400									
Carbon Tetrachloride	56-23-5	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
Chlorobenzene	108-90-7	ppb-TOC	570	U	620	U	440	U	470	U	570	U	590	U	310	U	340	U	360	U
Chloroethane	75-00-3	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
Chloroform	67-66-3	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
Chloromethane	74-87-3	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
Dibromochloromethane	124-48-1	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
Ethylbenzene	100-41-4	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
Methylene Chloride	75-09-2	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
Styrene	100-42-5	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
Tetrachloroethene	127-18-4	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
Toluene	108-88-3	ppb-TOC	570	U	620	U	110		470	U	570	U								
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
Trichloroethene	79-01-6	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
Vinyl Chloride	75-01-4	ppb-TOC	570	U	620	U	440	U	470	U	570	U								
Xylene (Total)	1330-20-7	ppb-TOC	570	U	620	U	440	U	470	U	140									

		Location ID	NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED070		NB02SED071		NB02SED071		NB02SED071		NB02SED071	
		Sample Name	NB02SED070C-05		NB02SED070C-06		NB02SED070C-07		NB02SED070C-08		NB02SED070C-09		NB02SED071D-02		NB02SED071D-03		NB02SED071D-04		NB02SED071D-05	
		Date Collected	12/11/2007		12/11/2007		12/11/2007		12/11/2007		12/11/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		Y	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	12000	U	22000	U	390	U	310	U	290	U	640	U	550	U	580	U	33000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	12000	U	22000	U	390	U	310	U	290	U	640	U	550	U	580	U	33000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	12000	U	22000	U	390	U	310	U	290	U	640	U	550	U	580	U	33000	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	12000	U	22000	U	390	U	310	U	290	U	640	U	550	U	580	U	33000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	12000	U	22000	U	390	U	310	U	290	U	640	U	550	U	580	U	33000	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	12000	U	22000	U	390	U	310	U	290	U	640	U	550	U	580	U	230	
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED071		NB02SED071		NB02SED071		NB02SED071		NB02SED072		NB02SED072		NB02SED072		NB02SED072		NB02SED072	
		Sample Name	NB02SED071D-06		NB02SED071D-07		NB02SED071D-08		NB02SED071D-09		NB02SED072D-02		NB02SED072D-03		NB02SED072D-04		NB02SED072D-05		NB02SED072D-06	
		Date Collected	11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007		11/14/2007	
		Depth	5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	27000	U	390	U	35000	U	590	U	500	U	490	U	220	U	610	U	1000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	27000	U	390	U	35000	U	590	U	500	U	490	U	220	U	610	U	1000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	27000	U	390	U	35000	U	590	U	500	U	490	U	220	U	610	U	1000	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	27000	U	390	U	35000	U	590	U	500	U	490	U	220	U	610	U	1000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	27000	U	390	U	35000	U	590	U	500	U	490	U	220	U	610	U	1000	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	410	U	390	U	450	U	590	U	500	U	490	U	220	U	610	U	1000	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED072		NB02SED072		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073		NB02SED073	
		Sample Name	NB02SED072D-07		NB02SED072D-08		NB02SED073D-02		NB02SED073D-03		NB02SED073D-04		NB02SED073D-05		NB02SED073D-06		NB02SED073D-07		NB02SED073D-08	
		Date Collected	11/14/2007		11/14/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007		11/1/2007	
		Depth	7.5-9.5		9.5-11.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		Y		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	750	U	1100	U	620	U	580	U	690	U	820	U	570	U	680	U	620	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	750	U	1100	U	620	U	580	U	690	U	820	U	570	U	680	U	620	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	750	U	1100	U	620	U	580	U	690	U	820	U	570	U	680	U	620	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	750	U	1100	U	620	U	230		690	U	820	U	570	U	680	U	620	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	750	U	1100	U	620	U	370		300		820	U	570	U	680	U	620	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	750	U	1100	U	620	U	580	U	690	U	820	U	570	U	680	U	620	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED073		NB02SED073		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074	
		Sample Name	NB02SED073D-09		NB02SED073D-15		NB02SED074A-01		NB02SED074C-02		NB02SED074C-03		NB02SED074C-04		NB02SED074C-05		NB02SED074C-06		NB02SED074C-07	
		Date Collected	11/1/2007		11/1/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007	
		Depth	11.5-13.5		23.5-25.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	150	U	1200	U	500	U	630	U	420	U	500	U	650	U	25000	U	330	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	150	U	1200	U	500	U	630	U	420	U	500	U	650	U	25000	U	330	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	150	U	1200	U	500	U	630	U	420	U	500	U	360		25000	U	330	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	150	U	1200	U	500	U	630	U	420	U	200		330		25000	U	330	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	150	U	1200	U	500	U	630	U	420	U	440		640		25000	U	330	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	150	U	1200	U	500	U	630	U	420	U	500	U	650	U	150		330	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074		NB02SED074	
		Sample Name	NB02SED074C-08		NB02SED074C-09		NB02SED074C-10		NB02SED074C-11		NB02SED074C-12		NB02SED074C-13		NB02SED074C-14		NB02SED074C-15		NB02SED074C-16	
		Date Collected	11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007		11/6/2007	
		Depth	9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	240	U	460	U	270	U	250	U	230	U	290	U	270	U	290	U	360	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	240	U	460	U	270	U	250	U	230	U	290	U	270	U	290	U	360	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	240	U	240		270	U	250	U	230	U	290	U	270	U	290	U	360	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	240	U	460	U	270	U	250	U	230	U	290	U	270	U	290	U	360	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	240	U	230		270	U	250	U	230	U	290	U	270	U	290	U	360	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	240	U	460	U	270	U	250	U	230	U	290	U	270	U	290	U	360	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

Table B-10
TOC-Normalized Volatiles

		Location ID	NB02SED074		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED075		NB02SED076	
		Sample Name	NB02SED074C-17		NB02SED075F-02		NB02SED075F-03		NB02SED075F-04		NB02SED075F-05		NB02SED075F-06		NB02SED075F-07		NB02SED075F-08		NB02SED076D-01	
		Date Collected	11/6/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		10/30/2007	
		Depth	27.5-29.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.7		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	310	U	480	U	600	U	620	U	570	U	550	U	400	U	420	U	620	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	310	U	480	U	600	U	620	U	570	U	550	U	400	U	420	U	620	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	310	U	480	U	600	U	620	U	570	U	550	U	400	U	420	U	620	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	310	U	480	U	600	U	620	U	570	U	550	U	400	U	420	U	620	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	310	U	480	U	600	U	620	U	570	U	550	U	400	U	420	U	620	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	310	U	480	U	310		620	U	570	U	550	U	400	U	150		620	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

Table B-10
TOC-Normalized Volatiles

		Location ID	NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076	
		Sample Name	NB02SED076D-02		NB02SED076D-03		NB02SED076D-04		NB02SED076D-05		NB02SED076D-06		NB02SED076D-07		NB02SED076D-08		NB02SED076D-09		NB02SED076D-10	
		Date Collected	10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	500	U	460	U	870	U	420	U	370	U	260	U	330	U	290	U	490	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	500	U	460	U	870	U	420	U	370	U	260	U	330	U	290	U	490	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	500	U	460	U	870	U	280		370	U	260	U	330	U	290	U	490	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	500	U	460	U	870	U	350		370	U	260	U	330	U	290	U	490	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	500	U	230		870	U	480		370	U	260	U	330	U	290	U	490	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	500	U	460	U	870	U	160		370	U	260	U	330	U	290	U	490	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED076		NB02SED077		NB02SED077	
		Sample Name	NB02SED076D-11		NB02SED076D-12		NB02SED076D-13		NB02SED076D-14		NB02SED076D-15		NB02SED076D-16		NB02SED076D-17		NB02SED077C-02		NB02SED077C-03	
		Date Collected	10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		10/30/2007		11/15/2007		11/15/2007	
		Depth	15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	710	U	460	U	470	U	700	U	500	U	430	U	1100	U	500	U	400	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	710	U	460	U	470	U	700	U	500	U	430	U	1100	U	500	U	400	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	710	U	460	U	470	U	700	U	500	U	430	U	1100	U	500	U	400	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	710	U	460	U	470	U	700	U	500	U	430	U	1100	U	500	U	400	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	710	U	460	U	470	U	700	U	500	U	430	U	1100	U	500	U	400	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	710	U	460	U	470	U	700	U	500	U	430	U	1100	U	500	U	400	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED077		NB02SED078	
		Sample Name	NB02SED077C-04		NB02SED077C-05		NB02SED077C-06		NB02SED077C-07		NB02SED077C-08		NB02SED077C-09		NB02SED077C-10		NB02SED077C-11		NB02SED078F-01	
		Date Collected	11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		11/15/2007		10/25/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	510	U	520	U	350	U	340	U	610	U	370	U	450	U	750	U	440	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	510	U	520	U	350	U	340	U	610	U	370	U	450	U	750	U	440	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	510	U	290		350	U	340	U	610	U	370	U	450	U	750	U	440	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	510	U	520	U	350	U	340	U	610	U	370	U	450	U	750	U	440	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	220		290		350	U	340	U	610	U	370	U	450	U	750	U	190	
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	510	U	520	U	350	U	340	U	610	U	370	U	450	U	750	U	440	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

Table B-10
TOC-Normalized Volatiles

		Location ID	NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078	
		Sample Name	NB02SED078H-02		NB02SED078H-03		NB02SED078H-04		NB02SED078H-05		NB02SED078H-06		NB02SED078H-07		NB02SED078H-08		NB02SED078H-09		NB02SED078H-10	
		Date Collected	10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	460	U	470	U	360	U	410	U	28000	U	460	U	29000	U	21000	U	22000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	460	U	470	U	360	U	410	U	28000	U	460	U	29000	U	21000	U	22000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	460	U	470	U	360	U	410	U	28000	U	170		1900	U	21000	U	6700	
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	460	U	470	U	360	U	250		28000	U	370		1900		21000	U	5000	
1,4-Dichlorobenzene	106-46-7	ppb-TOC	460	U	470	U	360	U	270		28000	U	670		5400		21000	U	20000	
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	460	U	470	U	360	U	250		28000	U	250		520		21000	U	22000	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED078		NB02SED079		NB02SED079	
		Sample Name	NB02SED078H-11		NB02SED078H-12		NB02SED078H-13		NB02SED078H-14		NB02SED078H-15		NB02SED078H-16		NB02SED078H-17		NB02SED079C-02		NB02SED079C-03	
		Date Collected	10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/25/2007		10/31/2007		10/31/2007	
		Depth	15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	15000	U	27000	U	26000	U	24000	U	15000	U	17000	U	150	U	36000	U	370	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	15000	U	27000	U	26000	U	24000	U	15000	U	17000	U	150	U	36000	U	370	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	4000		27000	U	26000	U	24000	U	15000	U	17000	U	68		36000	U	370	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	15000	U	27000	U	26000	U	24000	U	15000	U	17000	U	150	U	36000	U	370	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	9800		8900		4700		5600		3900		17000	U	150	U	36000	U	370	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	15000	U	27000	U	26000	U	24000	U	15000	U	17000	U	150	U	670	U	370	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079		NB02SED079	
		Sample Name	NB02SED079C-04		NB02SED079C-05		NB02SED079C-06		NB02SED079C-07		NB02SED079C-08		NB02SED079C-09		NB02SED079C-10		NB02SED079C-11		NB02SED079C-12	
		Date Collected	10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007		10/31/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	400	U	20000	U	370	U	270	U	21000	U	20000	U	310	U	23000	U	600	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	400	U	20000	U	370	U	270	U	21000	U	20000	U	310	U	23000	U	600	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	270		740		370	U	270	U	21000	U	20000	U	310	U	23000	U	600	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	250		460		370	U	270	U	21000	U	20000	U	310	U	23000	U	600	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	540		1200		370	U	270	U	21000	U	20000	U	310	U	23000	U	600	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	400	U	600	U	370	U	270	U	320	U	260	U	310	U	23000	U	600	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED079		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080		NB02SED080	
		Sample Name	NB02SED079C-13		NB02SED080C-02		NB02SED080C-03		NB02SED080C-04		NB02SED080C-05		NB02SED080C-06		NB02SED080C-07		NB02SED080C-08		NB02SED080C-09	
		Date Collected	10/31/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007	
		Depth	19.5-21.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	2500	U	550	U	620	U	470	U	470	U	360	U	350	U	500	U	320	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	2500	U	550	U	620	U	470	U	470	U	360	U	350	U	500	U	320	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	2500	U	550	U	620	U	470	U	470	U	360	U	350	U	500	U	320	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	2500	U	550	U	620	U	470	U	470	U	360	U	350	U	500	U	320	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	2500	U	550	U	620	U	470	U	470	U	360	U	350		320		320	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	2500	U	550	U	620	U	470	U	470	U	360	U	350	U	500	U	320	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

Table B-10
TOC-Normalized Volatiles

		Location ID	NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED082		NB02SED088		NB02SED088	
		Sample Name	NB02SED082B-02		NB02SED082B-03		NB02SED082B-04		NB02SED082B-05		NB02SED082B-06		NB02SED082B-07		NB02SED082B-08		NB02SED088G-02		NB02SED088G-03	
		Date Collected	11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/19/2007		11/13/2007		11/13/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-12.0		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		Y		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	380	U	390	U	490	U	410	U	21000	U	510	U	8900	U	15000	U	12000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	380	U	390	U	490	U	410	U	21000	U	510	U	8900	U	15000	U	12000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	380	U	390	U	490	U	410	U	21000	U	720		620		15000	U	12000	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	380	U	390	U	190		320		21000	U	430		8900	U	15000	U	12000	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	170		220		340		690		8000		1800		2700		15000	U	12000	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	380	U	390	U	210		190		1700		330		240		15000	U	170	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED088		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED089	
		Sample Name	NB02SED088G-04		NB02SED089C-01		NB02SED089C-02		NB02SED089C-03		NB02SED089C-04		NB02SED089C-05		NB02SED089C-06		NB02SED089C-07		NB02SED089C-08	
		Date Collected	11/13/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/9/2007	
		Depth	2.5-3.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		Y		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	260	U	690	U	380	U	24000	U	26000	U	15000	U	260	U	330	U	14000	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	260	U	690	U	380	U	24000	U	26000	U	15000	U	260	U	330	U	14000	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	260	U	690	U	210		24000	U	26000	U	3700		580		430		1200	
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	260	U	690	U	420		24000	U	26000	U	330		170		290		550	
1,4-Dichlorobenzene	106-46-7	ppb-TOC	260	U	280		750		6600		8300		8300		580		540		1800	
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	260	U	690	U	190		460		660		660		120		190		280	
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED089		NB02SED089		NB02SED089		NB02SED089		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090	
		Sample Name	NB02SED089C-09		NB02SED089C-10		NB02SED089C-11		NB02SED089C-12		NB02SED090E-02		NB02SED090E-03		NB02SED090E-04		NB02SED090E-05		NB02SED090E-06	
		Date Collected	11/9/2007		11/9/2007		11/9/2007		11/9/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007	
		Depth	11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	270	U	240	U	18000	U	15000	U	550	U	510	U	380	U	310	U	360	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	270	U	240	U	18000	U	15000	U	550	U	510	U	380	U	310	U	360	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	2000		530		18000	U	15000	U	550	U	510	U	160		220		260	
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	600		180		18000	U	15000	U	550	U	510	U	290		130		170	
1,4-Dichlorobenzene	106-46-7	ppb-TOC	1700		880		18000	U	15000	U	550	U	510	U	510		300		440	
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	180		240		18000	U	15000	U	550	U	510	U	180		310	U	150	
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

Table B-10
TOC-Normalized Volatiles

		Location ID	NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090		NB02SED090	
		Sample Name	NB02SED090E-07		NB02SED090E-08		NB02SED090E-09		NB02SED090E-10		NB02SED090E-11		NB02SED090E-12		NB02SED090E-13		NB02SED090E-14		NB02SED090E-15	
		Date Collected	11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007		11/29/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	280	U	340	U	470	U	390	U	680	U	590	U	580	U	880	U	790	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	280	U	340	U	470	U	390	U	680	U	590	U	580	U	880	U	790	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	240		340	U	470	U	390	U	680	U	590	U	580	U	880	U	790	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	140		340	U	470	U	390	U	680	U	590	U	580	U	880	U	790	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	310		340	U	470	U	390	U	680	U	590	U	580	U	880	U	790	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	120		340	U	470	U	390	U	680	U	590	U	580	U	880	U	790	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091	
		Sample Name	NB02SED091C-02		NB02SED091C-03		NB02SED091C-04		NB02SED091C-05		NB02SED091C-06		NB02SED091C-07		NB02SED091C-08		NB02SED091C-09		NB02SED091C-10	
		Date Collected	11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		Y		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	720	U	540	U	480	U	440	U	350	U	300	U	310	U	280	U	320	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	720	U	540	U	480	U	440	U	350	U	300	U	310	U	280	U	320	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	720	U	540	U	480	U	240		350	U	300	U	310	U	280	U	320	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	720	U	540	U	480	U	440	U	350	U	300	U	310	U	280	U	320	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	720	U	540	U	210		220		350	U	300	U	310	U	280	U	320	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	720	U	540	U	480	U	440	U	350	U	300	U	310	U	280	U	320	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED091		NB02SED092		NB02SED092		NB02SED092	
		Sample Name	NB02SED091C-11		NB02SED091C-12		NB02SED091C-13		NB02SED091C-14		NB02SED091C-15		NB02SED091C-16		NB02SED092C-02		NB02SED092C-03		NB02SED092C-04	
		Date Collected	11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/7/2007		11/8/2007		11/8/2007		11/8/2007	
		Depth	15.5-17.5		17.5-19.5		19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	330	U	470	U	560	U	800	U	930	U	990	U	500	U	600	U	650	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	330	U	470	U	560	U	800	U	930	U	990	U	500	U	600	U	650	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	330	U	470	U	560	U	800	U	930	U	990	U	500	U	600	U	650	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	330	U	470	U	560	U	800	U	930	U	990	U	500	U	600	U	310	
1,4-Dichlorobenzene	106-46-7	ppb-TOC	330	U	470	U	560	U	800	U	930	U	990	U	500	U	600	U	620	
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	330	U	470	U	560	U	800	U	930	U	990	U	500	U	600	U	650	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

Table B-10
TOC-Normalized Volatiles

		Location ID	NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED092	
		Sample Name	NB02SED092C-05		NB02SED092C-06		NB02SED092C-07		NB02SED092C-08		NB02SED092C-09		NB02SED092C-10		NB02SED092C-11		NB02SED092C-12		NB02SED092C-13	
		Date Collected	11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007		11/8/2007	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		19.5-21.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	Y		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	330	U	330	U	370	U	320	U	610	U	280	U	240	U	260	U	250	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	330	U	330	U	370	U	320	U	610	U	280	U	240	U	260	U	250	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	110		280		370	U	150		230		280	U	240	U	260	U	250	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	330	U	120		370	U	320	U	610	U	280	U	240	U	260	U	250	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	160		280		370	U	180		220		280	U	240	U	260	U	250	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	330	U	330	U	370	U	320	U	610	U	280	U	240	U	260	U	250	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED092		NB02SED092		NB02SED092		NB02SED092		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093	
		Sample Name	NB02SED092C-14		NB02SED092C-15		NB02SED092C-16		NB02SED092C-17		NB02SED093C-02		NB02SED093C-03		NB02SED093C-04		NB02SED093C-05		NB02SED093C-06	
		Date Collected	11/8/2007		11/8/2007		11/8/2007		11/8/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007	
		Depth	21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	240	U	290	U	290	U	550	U	500	U	300	U	350	U	300	U	360	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	240	U	290	U	290	U	550	U	500	U	300	U	350	U	300	U	360	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	240	U	290	U	290	U	550	U	500	U	300	U	350	U	300	U	360	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	240	U	290	U	290	U	550	U	500	U	300	U	350	U	300	U	360	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	240	U	290	U	290	U	550	U	500	U	300	U	350	U	300	U	360	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	240	U	290	U	290	U	550	U	500	U	300	U	350	U	300	U	360	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED093		NB02SED094		NB02SED094		NB02SED094	
		Sample Name	NB02SED093C-07		NB02SED093C-08		NB02SED093C-09		NB02SED093C-10		NB02SED093C-11		NB02SED093C-12		NB02SED094C-01		NB02SED094D-02		NB02SED094D-03	
		Date Collected	12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		12/7/2007		11/2/2007		11/2/2007		11/2/2007	
		Depth	7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		Y		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	270	U	310	U	290	U	290	U	420	U	1900	U	510	U	610	U	590	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	270	U	310	U	290	U	290	U	420	U	1900	U	510	U	610	U	590	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	270	U	310	U	290	U	290	U	420	U	1900	U	510	U	610	U	590	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	270	U	310	U	290	U	290	U	420	U	1900	U	510	U	610	U	590	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	270	U	310	U	290	U	290	U	420	U	1900	U	510	U	610	U	590	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	270	U	310	U	290	U	290	U	420	U	1900	U	510	U	610	U	590	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094	
		Sample Name	NB02SED094D-04		NB02SED094D-05		NB02SED094D-06		NB02SED094D-07		NB02SED094D-08		NB02SED094D-09		NB02SED094D-10		NB02SED094D-11		NB02SED094D-12	
		Date Collected	11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5		13.5-15.5		15.5-17.5		17.5-19.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		Y		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	510	U	510	U	490	U	460	U	440	U	400	U	380	U	440	U	420	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	510	U	510	U	490	U	460	U	440	U	400	U	380	U	440	U	420	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	510	U	510	U	490	U	460	U	440	U	400	U	380	U	440	U	420	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	510	U	510	U	490	U	460	U	440	U	400	U	380	U	440	U	420	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	510	U	510	U	490	U	170		440	U	400	U	380	U	440	U	420	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	510	U	510	U	490	U	460	U	440	U	400	U	380	U	440	U	420	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED094		NB02SED097		NB02SED097		NB02SED097		NB02SED097	
		Sample Name	NB02SED094D-13		NB02SED094D-14		NB02SED094D-15		NB02SED094D-16		NB02SED094D-17		NB02SED097H-02		NB02SED097H-03		NB02SED097H-04		NB02SED097H-05	
		Date Collected	11/2/2007		11/2/2007		11/2/2007		11/2/2007		11/2/2007		12/6/2007		12/6/2007		12/6/2007		12/6/2007	
		Depth	19.5-21.5		21.5-23.5		23.5-25.5		25.5-27.5		27.5-29.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	400	U	400	U	330	U			310	U	27000	U	31000	U	260	U	540	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	400	U	400	U	330	U			310	U	27000	U	31000	U	260	U	540	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	400	U	400	U	330	U			310	U	27000	U	31000	U	260	U	540	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	400	U	400	U	330	U			310	U	27000	U	31000	U	260	U	540	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	400	U	400	U	330	U	170		310	U	27000	U	31000	U	260	U	540	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	400	U	400	U	330	U	320	U	310	U	27000	U	31000	U	260	U	540	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED097		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098		NB02SED098	
		Sample Name	NB02SED097H-06		NB02SED098E-02		NB02SED098E-03		NB02SED098E-04		NB02SED098E-05		NB02SED098E-06		NB02SED098E-07		NB02SED098E-08		NB02SED098E-09	
		Date Collected	12/6/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007		12/12/2007	
		Depth	5.5-7.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		11.5-13.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		Y		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	630	U	630	U	480	U	490	U	490	U	470	U	390	U	1100	U	970	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	630	U	630	U	480	U	490	U	490	U	470	U	390	U	1100	U	970	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	630	U	630	U	480	U	490	U	490	U	470	U	390	U	1100	U	970	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	630	U	630	U	480	U	490	U	490	U	470	U	390	U	1100	U	970	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	630	U	630	U	480	U	490	U	490	U	470	U	390	U	1100	U	970	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	630	U	630	U	480	U	490	U	490	U	470	U	390	U	1100	U	970	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED100		NB02SED101		NB02SED102		NB02SED104		NB02SED105		NB02SED106		NB02SED107		NB02SED108		NB02SED109	
		Sample Name	NB02SED100B-01		NB02SED101A-01		NB02SED102A-01		NB02SED104C-01		NB02SED105A-01		NB02SED106B-01		NB02SED107B-01		NB02SED108A-01		NB02SED109B-01	
		Date Collected	12/7/2007		11/2/2007		10/30/2007		11/16/2007		11/1/2007		11/15/2007		11/6/2007		10/31/2007		11/29/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	610		580	U	470	U	830	U	660	U	1000	U	600	U	860	U	540	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	2200		580	U	470	U	830	U	660	U	1000	U	600	U	860	U	540	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	1700	U	580	U	470	U	830	U	660	U	1000	U	600	U	860	U	540	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	1700	U	580	U	470	U	830	U	660	U	1000	U	600	U	860	U	540	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	1700	U	580	U	470	U	830	U	660	U	1000	U	600	U	860	U	540	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	1700	U	580	U	470	U	830	U	660	U	1000	U	600	U	860	U	540	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	NB02SED110		NB02SED111		NB02SED112		NB02SED113		NB02SED114		NB02SED115		NB02SED116		NB02SED118		NB02SED119	
		Sample Name	NB02SED110D-01		NB02SED111F-01		NB02SED112A-01		NB02SED113B-01		NB02SED114C-01		NB02SED115E-01		NB02SED116A-01		NB02SED118B-01		NB02SED119A-01	
		Date Collected	12/11/2007		12/10/2007		11/7/2007		12/10/2007		12/11/2007		12/10/2007		11/9/2007		11/14/2007		11/9/2007	
		Depth	0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	670	U	990	U	1100	U	850	U	670	U	840	U	530	U	760	U	2700	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	670	U	990	U	1100	U	850	U	670	U	840	U	530	U	760	U	2700	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	670	U	990	U	1100	U	850	U	670	U	840	U	530	U	760	U	2700	U
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	670	U	990	U	1100	U	850	U	670	U	840	U	530	U	760	U	2700	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	670	U	990	U	1100	U	850	U	670	U	840	U	530	U	760	U	2700	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	670	U	990	U	1100	U	850	U	670	U	840	U	530	U	760	U	2700	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

Table B-10
TOC-Normalized Volatiles

		Location ID	NB02SED120		NB02SED121		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086		PC02SED086	
		Sample Name	NB02SED120B-01		NB02SED121H-01		PC02SED086E-02		PC02SED086E-03		PC02SED086E-04		PC02SED086E-05		PC02SED086E-06		PC02SED086E-07		PC02SED086E-08	
		Date Collected	12/12/2007		12/12/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007		11/28/2007	
		Depth	0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC																		
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC																		
1,1,2-Trichloroethane	79-00-5	ppb-TOC																		
1,1-Dichloroethane	75-34-3	ppb-TOC																		
1,1-Dichloroethene	75-35-4	ppb-TOC																		
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	520	U	580	U	480	U	310	U	310	U	20000	U	260	U	660	U	460	U
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	520	U	580	U	480	U	310	U	310	U	20000	U	460		3400		460	U
1,2-Dichlorobenzene	95-50-1	ppb-TOC	520	U	580	U	480	U	310	U	310	U	20000	U	2200		14000		270	
1,2-Dichloroethane	107-06-2	ppb-TOC																		
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC																		
1,3-Dichlorobenzene	541-73-1	ppb-TOC	520	U	580	U	480	U	310	U	310	U	20000	U	830		7400		460	U
1,4-Dichlorobenzene	106-46-7	ppb-TOC	520	U	580	U	480	U	310	U	310	U	5700		1900		26000		460	U
2-Butanone	78-93-3	ppb-TOC																		
2-Hexanone	591-78-6	ppb-TOC																		
4-Methyl-2-pentanone	108-10-1	ppb-TOC																		
Acetone	67-64-1	ppb-TOC																		
Benzene	71-43-2	ppb-TOC																		
Bromodichloromethane	75-27-4	ppb-TOC																		
Bromoform	75-25-2	ppb-TOC																		
Bromomethane	74-83-9	ppb-TOC																		
Carbon Disulfide	75-15-0	ppb-TOC																		
Carbon Tetrachloride	56-23-5	ppb-TOC																		
Chlorobenzene	108-90-7	ppb-TOC	520	U	580	U	480	U	310	U	310	U	20000	U	770		2600		460	U
Chloroethane	75-00-3	ppb-TOC																		
Chloroform	67-66-3	ppb-TOC																		
Chloromethane	74-87-3	ppb-TOC																		
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC																		
Dibromochloromethane	124-48-1	ppb-TOC																		
Ethylbenzene	100-41-4	ppb-TOC																		
Methylene Chloride	75-09-2	ppb-TOC																		
Styrene	100-42-5	ppb-TOC																		
Tetrachloroethene	127-18-4	ppb-TOC																		
Toluene	108-88-3	ppb-TOC																		
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC																		
Trichloroethene	79-01-6	ppb-TOC																		
Vinyl Chloride	75-01-4	ppb-TOC																		
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01		VT-08-01	
		Sample Name	HAB-01-00-05		HAB-01-05-15		HAB-01-103-115		HAB-01-115-135		HAB-01-135-149		HAB-01-15-25		HAB-01-25-31		HAB-01-38-55		HAB-01-55-75	
		Date Collected	3/12/2008		3/12/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008	
		Depth	0.0-0.5		0.5-1.5		10.3-11.5		11.5-13.5		13.5-14.9		1.5-2.5		2.5-3.1		3.8-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
1,1-Dichloroethane	75-34-3	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
1,1-Dichloroethene	75-35-4	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	580		600		8700		630		3200		1500		830		560		1300	
2-Hexanone	591-78-6	ppb-TOC	1400	U	1000	U	6600	U	950	U	3600	U	1400	U	710	U	810	U	890	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1400	U	1000	U	6600	U	950	U	3600	U	1400	U	710	U	810	U	890	U
Acetone	67-64-1	ppb-TOC	1300		3100		51000		3300		15000		7100		4300		2200		6100	
Benzene	71-43-2	ppb-TOC	700	U	500	U	3300	U	450	U	2100		710	U	370	U	400	U	95	
Bromodichloromethane	75-27-4	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
Bromoform	75-25-2	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
Bromomethane	74-83-9	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
Carbon Disulfide	75-15-0	ppb-TOC	62		260		1000		41		320		530		250		50		200	
Carbon Tetrachloride	56-23-5	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
Chlorobenzene	108-90-7	ppb-TOC	14		500	U	310		23		280		20		8.3		400	U	40	
Chloroethane	75-00-3	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
Chloroform	67-66-3	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
Chloromethane	74-87-3	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
Dibromochloromethane	124-48-1	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
Ethylbenzene	100-41-4	ppb-TOC	700	U	500	U	900		68		4000		710	U	370	U	400	U	460	U
Methylene Chloride	75-09-2	ppb-TOC	300		250		2000		220		760		490		100		130		240	
Styrene	100-42-5	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	12		370	U	400	U	460	U
Tetrachloroethene	127-18-4	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
Toluene	108-88-3	ppb-TOC	700	U	500	U	160		18		2000		710	U	14		400	U	17	
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
Trichloroethene	79-01-6	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
Vinyl Chloride	75-01-4	ppb-TOC	700	U	500	U	3300	U	450	U	1900	U	710	U	370	U	400	U	460	U
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	VT-08-01		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02		VT-08-02	
		Sample Name	HAB-01-75-85		HAB-02-00-05		HAB-02-05-15		HAB-02-115-135		HAB-02-135-149		HAB-02-15-25		HAB-02-25-35		HAB-02-35-55		HAB-02-55-75	
		Date Collected	3/13/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008	
		Depth	7.5-8.5		0.0-0.5		0.5-1.5		11.5-13.5		13.5-14.9		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
1,1-Dichloroethane	75-34-3	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
1,1-Dichloroethene	75-35-4	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	2500		1300		1900		2300		1500		2000		2600		170000	U	1400	
2-Hexanone	591-78-6	ppb-TOC	2400	U	3300	U	3200	U	1700	U	2400	U	1500	U	1600	U	170000	U	2000	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	2400	U	3300	U	3200	U	1700	U	2400	U	1500	U	1600	U	170000	U	2000	U
Acetone	67-64-1	ppb-TOC	10000		6900		8800		10000		7100		7700		12000		33000		5800	
Benzene	71-43-2	ppb-TOC	440		330		5500		470		260		12000		3700		3300		1300	
Bromodichloromethane	75-27-4	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
Bromoform	75-25-2	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
Bromomethane	74-83-9	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
Carbon Disulfide	75-15-0	ppb-TOC	180		280		370		290		370		250		630		4400	U	130	
Carbon Tetrachloride	56-23-5	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
Chlorobenzene	108-90-7	ppb-TOC	220		38		180		81		98		480		430		4400	U	380	
Chloroethane	75-00-3	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
Chloroform	67-66-3	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
Chloromethane	74-87-3	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
Dibromochloromethane	124-48-1	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
Ethylbenzene	100-41-4	ppb-TOC	100		88		3300		400		620		16000		9700		7900		3500	
Methylene Chloride	75-09-2	ppb-TOC	540		460		430		380		770		200		280		2300		480	
Styrene	100-42-5	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
Tetrachloroethene	127-18-4	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
Toluene	108-88-3	ppb-TOC	54		65		480		67		260		1100		2400		1000		250	
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
Trichloroethene	79-01-6	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
Vinyl Chloride	75-01-4	ppb-TOC	1200	U	1600	U	1600	U	880	U	1200	U	770	U	810	U	4400	U	1000	U
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	VT-08-02		VT-08-02		VT-08-03		VT-08-03		VT-08-03		VT-08-03		VT-08-03		VT-08-03		VT-08-03	
		Sample Name	HAB-02-75-92		HAB-02-93-115		HAB-03-00-05		HAB-03-05-15		HAB-03-15-25		HAB-03-25-35		HAB-03-35-55		HAB-03-55-75		HAB-03-75-95	
		Date Collected	3/14/2008		3/14/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008		3/12/2008	
		Depth	7.5-9.2		9.3-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
1,1-Dichloroethane	75-34-3	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
1,1-Dichloroethene	75-35-4	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	280000	U	2500		2000		1000		1200		930		1500		470		1400	
2-Hexanone	591-78-6	ppb-TOC	280000	U	2000	U	2100	U	720	U	860	U	820	U	1500	U	810	U	2300	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	280000	U	2000	U	2100	U	720	U	860	U	820	U	1500	U	810	U	2300	U
Acetone	67-64-1	ppb-TOC	41000		11000		8500		4900		5600		4500		7800		3200		10000	
Benzene	71-43-2	ppb-TOC	1700		1300		1100	U	360	U	450	U	120		100		94		1100	U
Bromodichloromethane	75-27-4	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
Bromoform	75-25-2	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
Bromomethane	74-83-9	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
Carbon Disulfide	75-15-0	ppb-TOC	7300	U	340		220		250		240		170		390		98		290	
Carbon Tetrachloride	56-23-5	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
Chlorobenzene	108-90-7	ppb-TOC	7300	U	390		1100	U	20		26		30		43		7.7		25	
Chloroethane	75-00-3	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
Chloroform	67-66-3	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
Chloromethane	74-87-3	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
Dibromochloromethane	124-48-1	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
Ethylbenzene	100-41-4	ppb-TOC	2000		7600		1100	U	360	U	450	U	410	U	750	U	15		1100	U
Methylene Chloride	75-09-2	ppb-TOC	3700		490		420		130		260		130		260		110		600	
Styrene	100-42-5	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
Tetrachloroethene	127-18-4	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
Toluene	108-88-3	ppb-TOC	7300	U	710		1100	U	360	U	16		15		750	U	11		1100	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
Trichloroethene	79-01-6	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
Vinyl Chloride	75-01-4	ppb-TOC	7300	U	1000	U	1100	U	360	U	450	U	410	U	750	U	390	U	1100	U
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-04		VT-08-05		VT-08-05	
		Sample Name	HAB-04-00-05		HAB-04-05-15		HAB-04-15-25		HAB-04-25-35		HAB-04-35-55		HAB-04-55-65		HAB-04-65-75		HAB-05-00-05		HAB-05-05-15	
		Date Collected	3/12/2008		3/12/2008		3/12/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/14/2008		3/14/2008	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-6.5		6.5-7.5		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
1,1-Dichloroethane	75-34-3	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
1,1-Dichloroethene	75-35-4	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	1200		490		630		430		1800		2000		1800		1100		570	
2-Hexanone	591-78-6	ppb-TOC	1100	U	810	U	1000	U	860	U	790	U	780	U	1900	U	1500	U	1000	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1100	U	810	U	1000	U	860	U	790	U	780	U	1900	U	1500	U	1000	U
Acetone	67-64-1	ppb-TOC	5400		2100		2500		3200		8900		11000		9900		6200		2800	
Benzene	71-43-2	ppb-TOC	570	U	420	U	500	U	430	U	140		300		640		130		520	U
Bromodichloromethane	75-27-4	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
Bromoform	75-25-2	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
Bromomethane	74-83-9	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
Carbon Disulfide	75-15-0	ppb-TOC	270		150		120		170		500		410		910		76		260	
Carbon Tetrachloride	56-23-5	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
Chlorobenzene	108-90-7	ppb-TOC	570	U	23		24		9.3		71		120		64		63		520	U
Chloroethane	75-00-3	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
Chloroform	67-66-3	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
Chloromethane	74-87-3	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
Dibromochloromethane	124-48-1	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
Ethylbenzene	100-41-4	ppb-TOC	570	U	420	U	500	U	430	U	18		26		38		220		520	U
Methylene Chloride	75-09-2	ppb-TOC	290		120		140		110		190		140		260		360		280	
Styrene	100-42-5	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
Tetrachloroethene	127-18-4	ppb-TOC	570	U	420	U	500	U	70		390	U	410	U	950	U	720	U	520	U
Toluene	108-88-3	ppb-TOC	570	U	420	U	500	U	430	U	790		29		45		36		520	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
Trichloroethene	79-01-6	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
Vinyl Chloride	75-01-4	ppb-TOC	570	U	420	U	500	U	430	U	390	U	410	U	950	U	720	U	520	U
Xylene (Total)	1330-20-7	ppb-TOC																		

Table B-10
TOC-Normalized Volatiles

		Location ID	VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-05		VT-08-06	
		Sample Name	HAB-05-115-135		HAB-05-135-151		HAB-05-15-25		HAB-05-25-35		HAB-05-35-49		HAB-05-64-75		HAB-05-75-85		HAB-05-95-115		HAB-06-00-05	
		Date Collected	3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/14/2008		3/13/2008	
		Depth	11.5-13.5		13.5-15.1		1.5-2.5		2.5-3.5		3.5-4.9		6.4-7.5		7.5-8.5		9.5-11.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
1,1-Dichloroethane	75-34-3	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
1,1-Dichloroethene	75-35-4	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	2100		240000	U	740		550		650		1200		1500		2500		340	
2-Hexanone	591-78-6	ppb-TOC	3500	U	240000	U	1000	U	860	U	810	U	1500	U	1100	U	1800	U	900	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	3500	U	240000	U	1000	U	860	U	810	U	1500	U	1100	U	1800	U	900	U
Acetone	67-64-1	ppb-TOC	9200		41000		4400		2800		3100		4800		6900		13000		3500	
Benzene	71-43-2	ppb-TOC	800		3200		510	U	430	U	410	U	780	U	110		430		430	U
Bromodichloromethane	75-27-4	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
Bromoform	75-25-2	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
Bromomethane	74-83-9	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
Carbon Disulfide	75-15-0	ppb-TOC	150		6200	U	310		300		98		170		130		360		120	
Carbon Tetrachloride	56-23-5	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
Chlorobenzene	108-90-7	ppb-TOC	230		6200	U	510	U	430	U	26		45		40		160		5.8	
Chloroethane	75-00-3	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
Chloroform	67-66-3	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
Chloromethane	74-87-3	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
Dibromochloromethane	124-48-1	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
Ethylbenzene	100-41-4	ppb-TOC	350		6200	U	510	U	430	U	410	U	780	U	570	U	130		430	U
Methylene Chloride	75-09-2	ppb-TOC	420		3200		340		310		100		190		130		250		300	
Styrene	100-42-5	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	11		880	U	430	U
Tetrachloroethene	127-18-4	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
Toluene	108-88-3	ppb-TOC	100		6200	U	15		13		410	U	24		40		82		430	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
Trichloroethene	79-01-6	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
Vinyl Chloride	75-01-4	ppb-TOC	1800	U	6200	U	510	U	430	U	410	U	780	U	570	U	880	U	430	U
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-06		VT-08-07	
		Sample Name	HAB-06-05-15		HAB-06-107-115		HAB-06-115-128		HAB-06-15-25		HAB-06-25-35		HAB-06-35-55		HAB-06-55-75		HAB-06-75-95		HAB-07-00-05	
		Date Collected	3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/13/2008		3/7/2008	
		Depth	0.5-1.5		10.7-11.5		11.5-12.8		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
1,1-Dichloroethane	75-34-3	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
1,1-Dichloroethene	75-35-4	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	710		2000		2900		1000		810		910		1700		990		1100	U
2-Hexanone	591-78-6	ppb-TOC	1200	U	1600	U	870	U	1100	U	730	U	750	U	1200	U	590	U	1100	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1200	U	1600	U	870	U	1100	U	730	U	750	U	1200	U	590	U	1100	U
Acetone	67-64-1	ppb-TOC	11000		11000		18000		7200		5500		7200		8600		5600		330	
Benzene	71-43-2	ppb-TOC	620	U	250		370		560	U	380	U	380	U	620	U	87		520	U
Bromodichloromethane	75-27-4	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
Bromoform	75-25-2	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
Bromomethane	74-83-9	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
Carbon Disulfide	75-15-0	ppb-TOC	310		250		630		620		190		200		380		190		29	
Carbon Tetrachloride	56-23-5	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
Chlorobenzene	108-90-7	ppb-TOC	620	U	130		180		9.7		7.9		23		620	U	17		520	U
Chloroethane	75-00-3	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
Chloroform	67-66-3	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
Chloromethane	74-87-3	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
Dibromochloromethane	124-48-1	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
Ethylbenzene	100-41-4	ppb-TOC	620	U	55		260		560	U	380	U	380	U	620	U	310	U	520	U
Methylene Chloride	75-09-2	ppb-TOC	460		520		450		400		150		280		380		120		210	
Styrene	100-42-5	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
Tetrachloroethene	127-18-4	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
Toluene	108-88-3	ppb-TOC	620	U	35		60		560	U	380	U	17		22		11		20	
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
Trichloroethene	79-01-6	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
Vinyl Chloride	75-01-4	ppb-TOC	620	U	820	U	450	U	560	U	380	U	380	U	620	U	310	U	520	U
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	VT-08-07		VT-08-07		VT-08-07		VT-08-07		VT-08-08		VT-08-08		VT-08-08		VT-08-08		VT-08-08	
		Sample Name	HAB-07-05-15		HAB-07-15-25		HAB-07-25-35		HAB-07-35-55		HAB-08-00-05		HAB-08-05-15		HAB-08-15-25		HAB-08-25-35		HAB-08-35-55	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
1,1-Dichloroethane	75-34-3	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
1,1-Dichloroethene	75-35-4	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	520		490		1500		340		1500		680		710		430		2900	U
2-Hexanone	591-78-6	ppb-TOC	1300	U	1000	U	2100	U	750	U	1300	U	770	U	680	U	1400	U	2900	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1300	U	1000	U	2100	U	750	U	1300	U	770	U	680	U	1400	U	2900	U
Acetone	67-64-1	ppb-TOC	2000		2000		7500		3900		8100		4800		5500		1900		1600	
Benzene	71-43-2	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
Bromodichloromethane	75-27-4	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
Bromoform	75-25-2	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
Bromomethane	74-83-9	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
Carbon Disulfide	75-15-0	ppb-TOC	57		72		450		890		860		320		420		410		980	
Carbon Tetrachloride	56-23-5	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
Chlorobenzene	108-90-7	ppb-TOC	670	U	19		64		370	U	38		32		55		20		27	
Chloroethane	75-00-3	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
Chloroform	67-66-3	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
Chloromethane	74-87-3	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
Dibromochloromethane	124-48-1	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
Ethylbenzene	100-41-4	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	15		680	U	1400	U
Methylene Chloride	75-09-2	ppb-TOC	370		180		410		300		340		130		230		440		630	
Styrene	100-42-5	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	9		350	U	15		1400	U
Tetrachloroethene	127-18-4	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
Toluene	108-88-3	ppb-TOC	670	U	14		37		14		650	U	14		22		28		39	
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
Trichloroethene	79-01-6	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
Vinyl Chloride	75-01-4	ppb-TOC	670	U	500	U	1000	U	370	U	650	U	390	U	350	U	680	U	1400	U
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	VT-08-08		VT-08-09		VT-08-09		VT-08-09		VT-08-09		VT-08-09		VT-08-09		VT-08-09		VT-08-10	
		Sample Name	HAB-08-55-62		HAB-09-00-05		HAB-09-05-15		HAB-09-15-25		HAB-09-25-35		HAB-09-35-55		HAB-09-55-75		HAB-09-75-85		HAB-10-00-05	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	5.5-6.2		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5		7.5-8.5		0.0-0.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
1,1-Dichloroethane	75-34-3	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
1,1-Dichloroethene	75-35-4	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	400		1200		1300		130000	U	130000	U	2600		2900		450		590	
2-Hexanone	591-78-6	ppb-TOC	1600	U	1500	U	1800	U	130000	U	130000	U	910	U	900	U	260	U	1100	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1600	U	1500	U	1800	U	130000	U	130000	U	910	U	900	U	260	U	1100	U
Acetone	67-64-1	ppb-TOC	1000		10000		11000		25000		25000		16000		16000		2700		2800	
Benzene	71-43-2	ppb-TOC	790	U	740	U	200		740		3300	U	470	U	450	U	120	U	590	U
Bromodichloromethane	75-27-4	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
Bromoform	75-25-2	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
Bromomethane	74-83-9	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
Carbon Disulfide	75-15-0	ppb-TOC	370		330		240		3400	U	3300	U	280		340		57		130	
Carbon Tetrachloride	56-23-5	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
Chlorobenzene	108-90-7	ppb-TOC	790	U	48		890	U	3400	U	3300	U	71		38		120	U	590	U
Chloroethane	75-00-3	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
Chloroform	67-66-3	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
Chloromethane	74-87-3	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
Dibromochloromethane	124-48-1	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
Ethylbenzene	100-41-4	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	95		120	U	590	U
Methylene Chloride	75-09-2	ppb-TOC	350		1100		550		2500		1900		340		250		130		220	
Styrene	100-42-5	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
Tetrachloroethene	127-18-4	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
Toluene	108-88-3	ppb-TOC	790	U	25		890	U	3400	U	3300	U	26		25		8.4		590	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
Trichloroethene	79-01-6	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
Vinyl Chloride	75-01-4	ppb-TOC	790	U	740	U	890	U	3400	U	3300	U	470	U	450	U	120	U	590	U
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	VT-08-10		VT-08-10		VT-08-11		VT-08-11		VT-08-12		VT-08-13		VT-08-13		VT-08-13		VT-08-13	
		Sample Name	HAB-10-05-15		HAB-10-15-25		HAB-11-00-05		HAB-11-05-10		HAB-12-00-05		HAB-13-00-05		HAB-13-05-15		HAB-13-15-25		HAB-13-25-35	
		Date Collected	3/7/2008		3/7/2008		3/11/2008		3/11/2008		3/11/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008	
		Depth	0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		0.0-0.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
1,1-Dichloroethane	75-34-3	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
1,1-Dichloroethene	75-35-4	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	570		970		490		710		1300		530		240000	U	140000	U	1200	
2-Hexanone	591-78-6	ppb-TOC	1000	U	4400	U	820	U	920	U	2100	U	890	U	240000	U	140000	U	540	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1000	U	200		820	U	920	U	2100	U	890	U	240000	U	140000	U	540	U
Acetone	67-64-1	ppb-TOC	3100		2800		2700		4100		5100		3300		240000	U	140000	U	7800	
Benzene	71-43-2	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
Bromodichloromethane	75-27-4	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
Bromoform	75-25-2	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
Bromomethane	74-83-9	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
Carbon Disulfide	75-15-0	ppb-TOC	520		1000		46		96		370		280		6300	U	3600	U	120	
Carbon Tetrachloride	56-23-5	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
Chlorobenzene	108-90-7	ppb-TOC	12		53		430	U	11		1100	U	440	U	6300	U	720		36	
Chloroethane	75-00-3	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
Chloroform	67-66-3	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
Chloromethane	74-87-3	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
Dibromochloromethane	124-48-1	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
Ethylbenzene	100-41-4	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	20	
Methylene Chloride	75-09-2	ppb-TOC	270		1600		130		160		350		130		3400		2200		170	
Styrene	100-42-5	ppb-TOC	520	U	41		430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
Tetrachloroethene	127-18-4	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
Toluene	108-88-3	ppb-TOC	520	U	56		430	U	460	U	1100	U	440	U	6300	U	3600	U	17	
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
Trichloroethene	79-01-6	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
Vinyl Chloride	75-01-4	ppb-TOC	520	U	2100	U	430	U	460	U	1100	U	440	U	6300	U	3600	U	280	U
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	VT-08-13		VT-08-13		VT-08-13		VT-08-13		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14	
		Sample Name	HAB-13-35-55		HAB-13-55-75		HAB-13-75-95		HAB-13-95-103		HAB-14-00-05		HAB-14-05-15		HAB-14-115-135		HAB-14-135-155		HAB-14-15-25	
		Date Collected	3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.3		0.0-0.5		0.5-1.5		11.5-13.5		13.5-15.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
1,1-Dichloroethane	75-34-3	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
1,1-Dichloroethene	75-35-4	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	730		660		740		310		780		1700		94000	U	92000	U	2100	
2-Hexanone	591-78-6	ppb-TOC	390	U	510	U	450	U	640	U	640	U	580	U	94000	U	92000	U	1200	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	390	U	510	U	450	U	640	U	640	U	580	U	94000	U	92000	U	1200	U
Acetone	67-64-1	ppb-TOC	3700		2800		3600		2700		3700		9300		18000		26000		12000	
Benzene	71-43-2	ppb-TOC	190	U	250	U	230	U	310	U	320	U	100		1000		540		630	
Bromodichloromethane	75-27-4	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
Bromoform	75-25-2	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
Bromomethane	74-83-9	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
Carbon Disulfide	75-15-0	ppb-TOC	45		35		41		91		350		700		2400	U	2400	U	710	
Carbon Tetrachloride	56-23-5	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
Chlorobenzene	108-90-7	ppb-TOC	190	U	250	U	230	U	310	U	15		81		830		950		430	
Chloroethane	75-00-3	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
Chloroform	67-66-3	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
Chloromethane	74-87-3	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
Dibromochloromethane	124-48-1	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
Ethylbenzene	100-41-4	ppb-TOC	190	U	250	U	230	U	310	U	320	U	21		8900		12000		160	
Methylene Chloride	75-09-2	ppb-TOC	55		58		64		210		78		93		1100		1200		340	
Styrene	100-42-5	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
Tetrachloroethene	127-18-4	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
Toluene	108-88-3	ppb-TOC	5.9		250	U	230	U	310	U	320	U	17		4600		6300		84	
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
Trichloroethene	79-01-6	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
Vinyl Chloride	75-01-4	ppb-TOC	190	U	250	U	230	U	310	U	320	U	300	U	2400	U	2400	U	630	U
Xylene (Total)	1330-20-7	ppb-TOC																		

Table B-10
TOC-Normalized Volatiles

		Location ID	VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-14		VT-08-15		VT-08-15		VT-08-15		VT-08-15	
		Sample Name	HAB-14-25-35		HAB-14-35-55		HAB-14-55-75		HAB-14-75-95		HAB-14-95-115		HAB-15-00-05		HAB-15-05-15		HAB-15-115-135		HAB-15-15-25	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		11.5-13.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
1,1-Dichloroethane	75-34-3	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
1,1-Dichloroethene	75-35-4	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	2500		140000	U	110000	U	110000	U	120000	U	430		1300		88000	U	2200	
2-Hexanone	591-78-6	ppb-TOC	890	U	140000	U	110000	U	110000	U	120000	U	890	U	710	U	88000	U	920	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	890	U	140000	U	110000	U	110000	U	120000	U	890	U	710	U	88000	U	920	U
Acetone	67-64-1	ppb-TOC	13000		18000		19000		18000		19000		2000		7700		25000		13000	
Benzene	71-43-2	ppb-TOC	860		2500		2400		1800		1400		460	U	290		610		360	
Bromodichloromethane	75-27-4	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
Bromoform	75-25-2	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
Bromomethane	74-83-9	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
Carbon Disulfide	75-15-0	ppb-TOC	470		3600	U	2700	U	2700	U	3000	U	150		340		2200	U	530	
Carbon Tetrachloride	56-23-5	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
Chlorobenzene	108-90-7	ppb-TOC	440		1100		730		830		980		460	U	230		610		170	
Chloroethane	75-00-3	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
Chloroform	67-66-3	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
Chloromethane	74-87-3	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
Dibromochloromethane	124-48-1	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
Ethylbenzene	100-41-4	ppb-TOC	340		7500		12000		13000		11000		460	U	41		6500		49	
Methylene Chloride	75-09-2	ppb-TOC	200		1800		1200		1300		1400		190		290		1300		270	
Styrene	100-42-5	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
Tetrachloroethene	127-18-4	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
Toluene	108-88-3	ppb-TOC	86		760		4700		4600		3200		460	U	36		3500		39	
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
Trichloroethene	79-01-6	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
Vinyl Chloride	75-01-4	ppb-TOC	450	U	3600	U	2700	U	2700	U	3000	U	460	U	360	U	2200	U	460	U
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-15		VT-08-16		VT-08-16		VT-08-16		VT-08-16	
		Sample Name	HAB-15-25-35		HAB-15-35-55		HAB-15-55-75		HAB-15-75-95		HAB-15-95-115		HAB-16-00-05		HAB-16-05-15		HAB-16-15-25		HAB-16-25-35	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
1,1-Dichloroethane	75-34-3	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
1,1-Dichloroethene	75-35-4	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	1600		2200		130000	U	110000	U	120000	U	660		490		1900		2100	
2-Hexanone	591-78-6	ppb-TOC	1600	U	770	U	130000	U	110000	U	120000	U	2000	U	980	U	2300	U	1800	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	1600	U	770	U	130000	U	110000	U	120000	U	2000	U	980	U	2300	U	1800	U
Acetone	67-64-1	ppb-TOC	9600		13000		19000		23000		22000		2200		2100		8600		10000	
Benzene	71-43-2	ppb-TOC	800		840		2200		2000		1300		1000	U	490	U	700		860	U
Bromodichloromethane	75-27-4	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
Bromoform	75-25-2	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
Bromomethane	74-83-9	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
Carbon Disulfide	75-15-0	ppb-TOC	110		95		3200	U	2900	U	3000	U	100		91		260		88	
Carbon Tetrachloride	56-23-5	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
Chlorobenzene	108-90-7	ppb-TOC	420		380		970		840		830		1000	U	30		750		860	U
Chloroethane	75-00-3	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
Chloroform	67-66-3	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
Chloromethane	74-87-3	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
Dibromochloromethane	124-48-1	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
Ethylbenzene	100-41-4	ppb-TOC	620		720		5400		11000		7800		1000	U	490	U	1800		860	U
Methylene Chloride	75-09-2	ppb-TOC	410		260		1700		1500		1700		820		640		750		400	
Styrene	100-42-5	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
Tetrachloroethene	127-18-4	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
Toluene	108-88-3	ppb-TOC	85		82		850		4300		2200		1000	U	490	U	560		860	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
Trichloroethene	79-01-6	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
Vinyl Chloride	75-01-4	ppb-TOC	780	U	400	U	3200	U	2900	U	3000	U	1000	U	490	U	1100	U	860	U
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	VT-08-16		VT-08-16		VT-08-17		VT-08-17		VT-08-17		VT-08-17		VT-08-17		VT-08-18		VT-08-18	
		Sample Name	HAB-16-35-55		HAB-16-55-75		HAB-17-00-05		HAB-17-05-15		HAB-17-15-25		HAB-17-25-35		HAB-17-35-43		HAB-18-00-05		HAB-18-05-15	
		Date Collected	3/7/2008		3/7/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/5/2008		3/6/2008		3/6/2008	
		Depth	3.5-5.5		5.5-7.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-4.3		0.0-0.5		0.5-1.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
1,1-Dichloroethane	75-34-3	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
1,1-Dichloroethene	75-35-4	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	3300		2000		480		120000	U	110000	U	110000	U	110000	U	810		93000	U
2-Hexanone	591-78-6	ppb-TOC	2000	U	1200	U	440	U	120000	U	110000	U	110000	U	110000	U	2400	U	93000	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	2000	U	1200	U	440	U	120000	U	110000	U	110000	U	110000	U	2400	U	93000	U
Acetone	67-64-1	ppb-TOC	15000		13000		2100		120000	U	110000	U	110000	U	19000		2600		93000	U
Benzene	71-43-2	ppb-TOC	980	U	590	U	220	U	730		850		850		790		1200	U	2200	
Bromodichloromethane	75-27-4	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
Bromoform	75-25-2	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
Bromomethane	74-83-9	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
Carbon Disulfide	75-15-0	ppb-TOC	580		280		41		3100	U	2800	U	2900	U	2700	U	210		2300	U
Carbon Tetrachloride	56-23-5	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
Chlorobenzene	108-90-7	ppb-TOC	980	U	590	U	11		730		800		620		1400		56		830	
Chloroethane	75-00-3	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
Chloroform	67-66-3	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
Chloromethane	74-87-3	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
Dibromochloromethane	124-48-1	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
Ethylbenzene	100-41-4	ppb-TOC	980	U	590	U	15		970		1100		670		2100		1200	U	8500	
Methylene Chloride	75-09-2	ppb-TOC	530		440		54		1900		1700		1600		2100		300		1200	
Styrene	100-42-5	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	37		2300	U
Tetrachloroethene	127-18-4	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
Toluene	108-88-3	ppb-TOC	980	U	590	U	29		3100	U	2800	U	2900	U	520		1200	U	2300	
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
Trichloroethene	79-01-6	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
Vinyl Chloride	75-01-4	ppb-TOC	980	U	590	U	220	U	3100	U	2800	U	2900	U	2700	U	1200	U	2300	U
Xylene (Total)	1330-20-7	ppb-TOC																		

		Location ID	VT-08-19		VT-08-19		VT-08-19		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20		VT-08-20	
		Sample Name	HAB-19-00-05		HAB-19-05-15		HAB-19-15-25		HAB-20-00-05		HAB-20-05-15		HAB-20-15-25		HAB-20-25-35		HAB-20-35-55		HAB-20-55-75	
		Date Collected	3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/6/2008	
		Depth	0.0-0.5		0.5-1.5		1.5-2.5		0.0-0.5		0.5-1.5		1.5-2.5		2.5-3.5		3.5-5.5		5.5-7.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																				
1,1,1-Trichloroethane	71-55-6	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
1,1-Dichloroethane	75-34-3	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
1,1-Dichloroethene	75-35-4	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC																		
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC																		
1,2-Dichlorobenzene	95-50-1	ppb-TOC																		
1,2-Dichloroethane	107-06-2	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC																		
1,2-Dichloropropane	78-87-5	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC																		
1,4-Dichlorobenzene	106-46-7	ppb-TOC																		
2-Butanone	78-93-3	ppb-TOC	640000	U	190		870	U	260000	U	170000	U	140000	U	99000	U	110000	U	82000	U
2-Hexanone	591-78-6	ppb-TOC	640000	U	440	U	870	U	260000	U	170000	U	140000	U	99000	U	110000	U	82000	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	640000	U	440	U	870	U	260000	U	170000	U	140000	U	99000	U	110000	U	82000	U
Acetone	67-64-1	ppb-TOC	640000	U	1000		3600		260000	U	170000	U	18000		15000		19000		16000	
Benzene	71-43-2	ppb-TOC	16000	U	220	U	410	U	2600		1300		1300		740		730		530	
Bromodichloromethane	75-27-4	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
Bromoform	75-25-2	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
Bromomethane	74-83-9	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
Carbon Disulfide	75-15-0	ppb-TOC	16000	U	140		200		6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
Carbon Tetrachloride	56-23-5	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
Chlorobenzene	108-90-7	ppb-TOC	16000	U	220	U	410	U	1600		860		1400		1200		2400		1400	
Chloroethane	75-00-3	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
Chloroform	67-66-3	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
Chloromethane	74-87-3	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
Dibromochloromethane	124-48-1	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
Ethylbenzene	100-41-4	ppb-TOC	16000	U	220	U	410	U	14000		5900		12000		10000		14000		6100	
Methylene Chloride	75-09-2	ppb-TOC	9000		160		320		3500		2500		2200		1400		1900		1300	
Styrene	100-42-5	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
Tetrachloroethene	127-18-4	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
Toluene	108-88-3	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	1300		4800		6200		3300	
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
Trichloroethene	79-01-6	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
Vinyl Chloride	75-01-4	ppb-TOC	16000	U	220	U	410	U	6600	U	4300	U	3700	U	2500	U	2900	U	2100	U
Xylene (Total)	1330-20-7	ppb-TOC																		

Table B-10
TOC-Normalized Volatiles

		Location ID	VT-08-20		VT-08-20		VT-08-21		VT-08-21		VT-08-22		VT-08-22		VT-08-22	
		Sample Name	HAB-20-75-95		HAB-20-95-115		HAB-21-00-05		HAB-21-05-15		HAB-22-00-05		HAB-22-05-15		HAB-22-15-25	
		Date Collected	3/6/2008		3/6/2008		3/6/2008		3/6/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	7.5-9.5		9.5-11.5		0.0-0.5		0.5-1.5		0.0-0.5		0.5-1.5		1.5-2.5	
		depth_unit	ft		ft		ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles																
1,1,1-Trichloroethane	71-55-6	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
1,1-Dichloroethane	75-34-3	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
1,1-Dichloroethene	75-35-4	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC														
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC														
1,2-Dichlorobenzene	95-50-1	ppb-TOC														
1,2-Dichloroethane	107-06-2	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC														
1,2-Dichloropropane	78-87-5	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC														
1,4-Dichlorobenzene	106-46-7	ppb-TOC														
2-Butanone	78-93-3	ppb-TOC	91000	U	82000	U	140		200		840		140000	U	100000	U
2-Hexanone	591-78-6	ppb-TOC	91000	U	82000	U	530	U	620	U	590	U	140000	U	100000	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	91000	U	82000	U	530	U	620	U	590	U	140000	U	100000	U
Acetone	67-64-1	ppb-TOC	15000		15000		310		690		29000		26000		20000	
Benzene	71-43-2	ppb-TOC	2400	U	2200	U	270	U	320	U	710		1100		930	
Bromodichloromethane	75-27-4	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
Bromoform	75-25-2	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
Bromomethane	74-83-9	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
Carbon Disulfide	75-15-0	ppb-TOC	2400	U	2200	U	29		27		300		3500	U	2700	U
Carbon Tetrachloride	56-23-5	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
Chlorobenzene	108-90-7	ppb-TOC	630		2200	U	6.9		320	U	390		750		560	
Chloroethane	75-00-3	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
Chloroform	67-66-3	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
Chloromethane	74-87-3	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
Dibromochloromethane	124-48-1	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
Ethylbenzene	100-41-4	ppb-TOC	950		520		270	U	320	U	2700		8600		7400	
Methylene Chloride	75-09-2	ppb-TOC	1400		1300		52		74		2000		2400		2200	
Styrene	100-42-5	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
Tetrachloroethene	127-18-4	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
Toluene	108-88-3	ppb-TOC	990		2200	U	270	U	320	U	120		1200		1200	
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
Trichloroethene	79-01-6	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
Vinyl Chloride	75-01-4	ppb-TOC	2400	U	2200	U	270	U	320	U	300	U	3500	U	2700	U
Xylene (Total)	1330-20-7	ppb-TOC														

Table B-10
TOC-Normalized Volatiles

		Location ID	VT-08-22		VT-08-22		VT-08-22		VT-08-22		VT-08-22	
		Sample Name	HAB-22-25-35		HAB-22-35-55		HAB-22-55-75		HAB-22-75-95		HAB-22-95-107	
		Date Collected	3/7/2008		3/7/2008		3/7/2008		3/7/2008		3/7/2008	
		Depth	2.5-3.5		3.5-5.5		5.5-7.5		7.5-9.5		9.5-10.7	
		depth_unit	ft		ft		ft		ft		ft	
		HasFieldDuplicate	N		N		N		N		N	
Analyte	Cas No	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatiles												
1,1,1-Trichloroethane	71-55-6	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
1,1,2-Trichloroethane	79-00-5	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
1,1-Dichloroethane	75-34-3	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
1,1-Dichloroethene	75-35-4	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC										
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC										
1,2-Dichlorobenzene	95-50-1	ppb-TOC										
1,2-Dichloroethane	107-06-2	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
1,2-Dichloroethene (total)	540-59-0	ppb-TOC										
1,2-Dichloropropane	78-87-5	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
1,3-Dichlorobenzene	541-73-1	ppb-TOC										
1,4-Dichlorobenzene	106-46-7	ppb-TOC										
2-Butanone	78-93-3	ppb-TOC	95000	U	150000	U	99000	U	1600		300	
2-Hexanone	591-78-6	ppb-TOC	95000	U	150000	U	99000	U	920	U	690	U
4-Methyl-2-pentanone	108-10-1	ppb-TOC	95000	U	150000	U	99000	U	920	U	690	U
Acetone	67-64-1	ppb-TOC	20000		22000		17000		10000		1900	
Benzene	71-43-2	ppb-TOC	660		1600		650		120		330	U
Bromodichloromethane	75-27-4	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
Bromoform	75-25-2	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
Bromomethane	74-83-9	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
Carbon Disulfide	75-15-0	ppb-TOC	2400	U	3700	U	2500	U	560		73	
Carbon Tetrachloride	56-23-5	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
Chlorobenzene	108-90-7	ppb-TOC	530		810		790		300		8.1	
Chloroethane	75-00-3	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
Chloroform	67-66-3	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
Chloromethane	74-87-3	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
Dibromochloromethane	124-48-1	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
Ethylbenzene	100-41-4	ppb-TOC	5300		6800		9100		3700		330	U
Methylene Chloride	75-09-2	ppb-TOC	2000		2100		1200		260		85	
Styrene	100-42-5	ppb-TOC	2400	U	3700	U	2500	U	470	U	6.2	
Tetrachloroethene	127-18-4	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
Toluene	108-88-3	ppb-TOC	950		3300		5400		1100		330	U
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
Trichloroethene	79-01-6	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
Vinyl Chloride	75-01-4	ppb-TOC	2400	U	3700	U	2500	U	470	U	330	U
Xylene (Total)	1330-20-7	ppb-TOC										

Appendix C

Exploratory Statistical Outlier Results

C-1 Rosner's Test Results
C-2 Dixon's Extreme Value Test Results

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Cyanide	Total Cyanide	66	ppm	1.458	4.388	10	5	Therefore, Potential Statistical Outliers are 32, 16, 7.1, 4.88, 3.5	5	Therefore, Potential Statistical Outliers are 32, 16, 7.1, 4.88, 3.5
0-0.5	Dioxins/Furans	1,2,3,4,6,7,8-HpCDD	274	ppt	297.2	309.8	10	9	Therefore, Potential Statistical Outliers are 2310, 2260, 1590, 1410, 1280, 1280, 1260, 1080, 1050	7	Therefore, Potential Statistical Outliers are 2310, 2260, 1590, 1410, 1280, 1280, 1260
0-0.5	Dioxins/Furans	1,2,3,4,6,7,8-HpCDF	275	ppt	549.2	946.5	10	6	Therefore, Potential Statistical Outliers are 8270, 7820, 7510, 5120, 3480, 2270	6	Therefore, Potential Statistical Outliers are 8270, 7820, 7510, 5120, 3480, 2270
0-0.5	Dioxins/Furans	1,2,3,4,7,8,9-HpCDF	263	ppt	18.39	22.52	10	10	Therefore, Potential Statistical Outliers are 165, 159, 136.2, 133, 103.3, 90.4, 75.6, 72.62, 70.8, 67.2	10	Therefore, Potential Statistical Outliers are 165, 159, 136.2, 133, 103.3, 90.4, 75.6, 72.62, 70.8, 67.2
0-0.5	Dioxins/Furans	1,2,3,4,7,8-HxCDD	244	ppt	4.326	3.498	10	6	Therefore, Potential Statistical Outliers are 21.7, 20, 19.5, 18.8, 15.7, 14.2	5	Therefore, Potential Statistical Outliers are 21.7, 20, 19.5, 18.8, 15.7
0-0.5	Dioxins/Furans	1,2,3,4,7,8-HxCDF	272	ppt	140.8	253.2	10	10	Therefore, Potential Statistical Outliers are 2210, 2160, 1920, 1265, 878.8, 614, 592.1, 585.5, 577, 533	10	Therefore, Potential Statistical Outliers are 2210, 2160, 1920, 1265, 878.8, 614, 592.1, 585.5, 577, 533
0-0.5	Dioxins/Furans	1,2,3,6,7,8-HxCDD	261	ppt	17.75	15.44	10	5	Therefore, Potential Statistical Outliers are 98.3, 92.2, 86.3, 84.2, 66.2	4	Therefore, Potential Statistical Outliers are 98.3, 92.2, 86.3, 84.2
0-0.5	Dioxins/Furans	1,2,3,6,7,8-HxCDF	266	ppt	35.42	50.02	10	10	Therefore, Potential Statistical Outliers are 474, 401, 260, 212.6, 193, 180, 162, 149, 146, 121	9	Therefore, Potential Statistical Outliers are 474, 401, 260, 212.6, 193, 180, 162, 149, 146
0-0.5	Dioxins/Furans	1,2,3,7,8,9-HxCDD	255	ppt	10.32	7.8	10	3	Therefore, Potential Statistical Outliers are 50.5, 38, 37	1	Therefore, Observation 50.5 is a Potential Statistical Outlier
0-0.5	Dioxins/Furans	1,2,3,7,8,9-HxCDF	186	ppt	4.959	6.608	10	10	Therefore, Potential Statistical Outliers are 50.2, 49, 31, 21, 20.05, 18.67, 18, 17.8, 16.7, 16.5	3	Therefore, Potential Statistical Outliers are 50.2, 49, 31
0-0.5	Dioxins/Furans	1,2,3,7,8-PeCDD	249	ppt	4.339	4.265	10	9	Therefore, Potential Statistical Outliers are 39.9, 30.5, 25.4, 17.7, 16.2, 15.4, 13.8, 13.5, 12.8	6	Therefore, Potential Statistical Outliers are 39.9, 30.5, 25.4, 17.7, 16.2, 15.4
0-0.5	Dioxins/Furans	1,2,3,7,8-PeCDF	267	ppt	13.17	18.33	10	8	Therefore, Potential Statistical Outliers are 154, 152, 136, 97.3, 77.13, 74.46, 58, 54.48	8	Therefore, Potential Statistical Outliers are 154, 152, 136, 97.3, 77.13, 74.46, 58, 54.48
0-0.5	Dioxins/Furans	2,3,4,6,7,8-HxCDF	264	ppt	14.79	17.51	10	8	Therefore, Potential Statistical Outliers are 168, 135, 107, 97.1, 57.3, 50.65, 47.5, 47.1	5	Therefore, Potential Statistical Outliers are 168, 135, 107, 97.1, 57.3
0-0.5	Dioxins/Furans	2,3,4,7,8-PeCDF	265	ppt	24.43	29.89	10	10	Therefore, Potential Statistical Outliers are 280, 243, 164, 140, 92.9, 89.73, 85.2, 84, 83.9, 79.7	4	Therefore, Potential Statistical Outliers are 280, 243, 164, 140
0-0.5	Dioxins/Furans	2,3,7,8-TCDF	266	ppt	17.38	14.98	10	7	Therefore, Potential Statistical Outliers are 126, 90.6, 87.4, 78.7, 72.55, 69.3, 53.6	6	Therefore, Potential Statistical Outliers are 126, 90.6, 87.4, 78.7, 72.55, 69.3
0-0.5	Dioxins/Furans	OCDD	276	ppt	3027	3115	10	7	Therefore, Potential Statistical Outliers are 28100, 21000, 15400, 12900, 12800, 12600, 11900	7	Therefore, Potential Statistical Outliers are 28100, 21000, 15400, 12900, 12800, 12600, 11900
0-0.5	Dioxins/Furans	OCDF	275	ppt	913.4	1468	10	10	Therefore, Potential Statistical Outliers are 13100, 11200, 10400, 7844, 6530, 4110, 3725, 3668, 3600, 3380	9	Therefore, Potential Statistical Outliers are 13100, 11200, 10400, 7844, 6530, 4110, 3725, 3668, 3600
0-0.5	Dioxins/Furans	Total HpCDD	274	ppt	728.2	711.2	10	10	Therefore, Potential Statistical Outliers are 5310, 4150, 3550, 3360, 3310, 3000, 2970, 2800, 2746, 2560	9	Therefore, Potential Statistical Outliers are 5310, 4150, 3550, 3360, 3310, 3000, 2970, 2800, 2746

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Dioxins/Furans	Total HpCDF	274	ppt	739.4	1155	10	9	Therefore, Potential Statistical Outliers are 9770, 9060, 8690, 7549, 3780, 3490, 3209, 3060, 2560	8	Therefore, Potential Statistical Outliers are 9770, 9060, 8690, 7549, 3780, 3490, 3209, 3060
0-0.5	Dioxins/Furans	Total HxCDD	275	ppt	174.7	163.1	10	8	Therefore, Potential Statistical Outliers are 1340, 1100, 892, 736, 706, 700, 616.8, 590	6	Therefore, Potential Statistical Outliers are 1340, 1100, 892, 736, 706, 700
0-0.5	Dioxins/Furans	Total HxCDF	274	ppt	473.1	785	10	8	Therefore, Potential Statistical Outliers are 8780, 5890, 5450, 3288, 2160, 1790, 1704, 1660	5	Therefore, Potential Statistical Outliers are 8780, 5890, 5450, 3288, 2160
0-0.5	Dioxins/Furans	Total PeCDD	264	ppt	54.44	56.66	10	7	Therefore, Potential Statistical Outliers are 545, 339, 312, 304, 255, 203, 194	7	Therefore, Potential Statistical Outliers are 545, 339, 312, 304, 255, 203, 194
0-0.5	Dioxins/Furans	Total PeCDF	275	ppt	415	712.2	10	10	Therefore, Potential Statistical Outliers are 9180, 4310, 4180, 2300, 2140, 2100, 1720, 1660, 1451, 1270	9	Therefore, Potential Statistical Outliers are 9180, 4310, 4180, 2300, 2140, 2100, 1720, 1660, 1451
0-0.5	Dioxins/Furans	Total TCDD	275	ppt	195.4	354.1	10	10	Therefore, Potential Statistical Outliers are 4070, 2880, 1670, 1520, 1491, 1200, 946, 655, 646, 629	7	Therefore, Potential Statistical Outliers are 4070, 2880, 1670, 1520, 1491, 1200, 946
0-0.5	Dioxins/Furans	Total TCDF	275	ppt	554.9	994.7	10	9	Therefore, Potential Statistical Outliers are 11700, 7760, 5460, 4400, 3980, 3040, 2150, 1830, 1790	9	Therefore, Potential Statistical Outliers are 11700, 7760, 5460, 4400, 3980, 3040, 2150, 1830, 1790
0-0.5	Herbicides	2,4,5-T	32	ppb	32.27	35.73	10	1	Therefore, Observation 190 is a Potential Statistical Outlier	1	Therefore, Observation 190 is a Potential Statistical Outlier
0-0.5	Herbicides	2,4,5-TP (Silvex)	31	ppb	39.6	33.73	10	1	Therefore, Observation 150 is a Potential Statistical Outlier	1	Therefore, Observation 150 is a Potential Statistical Outlier
0-0.5	Herbicides	2,4-D	25	ppb	80.4	57.37	10	0	No Outlier	0	No Outlier
0-0.5	Metals	Aluminum	312	ppm	11658	4716	10	1	Therefore, Observation 31500 is a Potential Statistical Outlier	1	Therefore, Observation 31500 is a Potential Statistical Outlier
0-0.5	Metals	Antimony	86	ppm	9.515	47.94	10	10	Therefore, Potential Statistical Outliers are 440, 62.5, 35.8, 35.8, 33.5, 25.6, 18.8, 17.9, 14.2, 10.2	10	Therefore, Potential Statistical Outliers are 440, 62.5, 35.8, 35.8, 33.5, 25.6, 18.8, 17.9, 14.2, 10.2
0-0.5	Metals	Arsenic	316	ppm	13.58	13.19	10	10	Therefore, Potential Statistical Outliers are 113, 94.4, 84.8, 84.5, 64.5, 62.9, 56, 54.1, 51.8, 51	10	Therefore, Potential Statistical Outliers are 113, 94.4, 84.8, 84.5, 64.5, 62.9, 56, 54.1, 51.8, 51
0-0.5	Metals	Barium	316	ppm	148.5	225.8	10	9	Therefore, Potential Statistical Outliers are 2980, 2395, 871, 713, 516, 500, 431, 428, 406	8	Therefore, Potential Statistical Outliers are 2980, 2395, 871, 713, 516, 500, 431, 428
0-0.5	Metals	Beryllium	263	ppm	0.691	0.407	10	1	Therefore, Observation 5.7 is a Potential Statistical Outlier	1	Therefore, Observation 5.7 is a Potential Statistical Outlier
0-0.5	Metals	Cadmium	253	ppm	2.323	2.876	10	10	Therefore, Potential Statistical Outliers are 29.4, 21.5, 12.3, 11, 10.1, 9.6, 9.4, 8.8, 8.3, 8.1	10	Therefore, Potential Statistical Outliers are 29.4, 21.5, 12.3, 11, 10.1, 9.6, 9.4, 8.8, 8.3, 8.1

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Metals	Calcium	308	ppm	7972	7620	10	10	Therefore, Potential Statistical Outliers are 55900, 51300, 47400, 44600, 44300, 37800, 37000, 36700, 36200, 30900	10	Therefore, Potential Statistical Outliers are 55900, 51300, 47400, 44600, 44300, 37800, 37000, 36700, 36200, 30900
0-0.5	Metals	Chromium	472	ppm	337.1	734	10	10	Therefore, Potential Statistical Outliers are 7430, 5980, 5280, 4240, 4100, 3590, 3070, 2990, 2850, 2820	10	Therefore, Potential Statistical Outliers are 7430, 5980, 5280, 4240, 4100, 3590, 3070, 2990, 2850, 2820
0-0.5	Metals	Cobalt	302	ppm	43.24	586.4	10	5	Therefore, Potential Statistical Outliers are 10200, 39.8, 21.8, 21, 20.6	2	Therefore, Potential Statistical Outliers are 10200, 39.8
0-0.5	Metals	Copper	330	ppm	149.2	143.7	10	10	Therefore, Potential Statistical Outliers are 1550, 781, 778, 723, 715, 670, 598, 585, 552, 524	10	Therefore, Potential Statistical Outliers are 1550, 781, 778, 723, 715, 670, 598, 585, 552, 524
0-0.5	Metals	Iron	313	ppm	25898	9258	10	1	Therefore, Observation 60600 is a Potential Statistical Outlier	0	No Outlier
0-0.5	Metals	Lead	341	ppm	167.9	139.6	10	10	Therefore, Potential Statistical Outliers are 1000, 883, 882, 863, 765, 709, 588, 571, 540, 525	6	Therefore, Potential Statistical Outliers are 1000, 883, 882, 863, 765, 709
0-0.5	Metals	Magnesium	313	ppm	6560	2846	10	1	Therefore, Observation 33400 is a Potential Statistical Outlier	1	Therefore, Observation 33400 is a Potential Statistical Outlier
0-0.5	Metals	Manganese	312	ppm	365.1	159.5	10	1	Therefore, Observation 983 is a Potential Statistical Outlier	0	No Outlier
0-0.5	Metals	Mercury	331	ppm	3.998	8.835	10	10	Therefore, Potential Statistical Outliers are 79.2, 77, 64, 48.4, 42.5, 40.2, 38.8, 34.5, 32.5, 29.8	10	Therefore, Potential Statistical Outliers are 79.2, 77, 64, 48.4, 42.5, 40.2, 38.8, 34.5, 32.5, 29.8
0-0.5	Metals	Nickel	332	ppm	43.86	188.7	10	9	Therefore, Potential Statistical Outliers are 3453, 179, 164, 147, 128, 120, 89.6, 80.4, 80.4	7	Therefore, Potential Statistical Outliers are 3453, 179, 164, 147, 128, 120, 89.6
0-0.5	Metals	Potassium	300	ppm	2495	1313	10	1	Therefore, Observation 8440 is a Potential Statistical Outlier	1	Therefore, Observation 8440 is a Potential Statistical Outlier
0-0.5	Metals	Selenium	190	ppm	1.741	1.148	10	3	Therefore, Potential Statistical Outliers are 6.5, 6, 5.9	3	Therefore, Potential Statistical Outliers are 6.5, 6, 5.9
0-0.5	Metals	Silver	266	ppm	2.325	1.809	10	9	Therefore, Potential Statistical Outliers are 15.85, 11.3, 10.6, 9, 8.8, 7.5, 7.3, 6.6, 6.5	7	Therefore, Potential Statistical Outliers are 15.85, 11.3, 10.6, 9, 8.8, 7.5, 7.3
0-0.5	Metals	Sodium	313	ppm	6964	4095	10	3	Therefore, Potential Statistical Outliers are 25200, 21600, 21500	1	Therefore, Observation 25200 is a Potential Statistical Outlier
0-0.5	Metals	Thallium	123	ppm	0.549	0.709	10	10	Therefore, Potential Statistical Outliers are 3.4, 3.2, 2.6, 2.6, 2.5, 2.5, 2.4, 2, 1.9, 1.9	7	Therefore, Potential Statistical Outliers are 3.4, 3.2, 2.6, 2.6, 2.5, 2.5, 2.4
0-0.5	Metals	Titanium	186	ppm	415.7	120.2	10	2	Therefore, Potential Statistical Outliers are 896, 856	1	Therefore, Observation 896 is a Potential Statistical Outlier
0-0.5	Metals	Vanadium	312	ppm	33.46	14	10	4	Therefore, Potential Statistical Outliers are 103, 98.5, 86.8, 81.2	3	Therefore, Potential Statistical Outliers are 103, 98.5, 86.8
0-0.5	Metals	Zinc	313	ppm	315.1	284.2	10	3	Therefore, Potential Statistical Outliers are 3630, 1960, 1460	3	Therefore, Potential Statistical Outliers are 3630, 1960, 1460
0-0.5	Organotin	Dibutyltin	108	ppb	23.2	35.58	10	4	Therefore, Potential Statistical Outliers are 250, 160, 120, 110	4	Therefore, Potential Statistical Outliers are 250, 160, 120, 110
0-0.5	Organotin	Monobutyltin	34	ppb	23.77	17.68	10	2	Therefore, Potential Statistical Outliers are 78, 68	0	No Outlier
0-0.5	Organotin	Tributyltin	106	ppb	14.35	14.4	10	5	Therefore, Potential Statistical Outliers are 74, 61, 55, 54.1, 51	1	Therefore, Observation 74 is a Potential Statistical Outlier

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	PBDE	BDE-1	28	ppb	0.153	0.156	10	1	Therefore, Observation 0.693 is a Potential Statistical Outlier	1	Therefore, Observation 0.693 is a Potential Statistical Outlier
0-0.5	PBDE	BDE-100	55	ppb	0.231	0.385	10	10	Therefore, Potential Statistical Outliers are 1.88, 1.48, 1.24, 1.04, 0.929, 0.657, 0.465, 0.411, 0.385, 0.383	6	Therefore, Potential Statistical Outliers are 1.88, 1.48, 1.24, 1.04, 0.929, 0.657
0-0.5	PBDE	BDE-15	59	ppb	0.262	0.41	10	4	Therefore, Potential Statistical Outliers are 2.58, 1.08, 1.05, 1	4	Therefore, Potential Statistical Outliers are 2.58, 1.08, 1.05, 1
0-0.5	PBDE	BDE-153	40	ppb	0.297	0.373	10	0	No Outlier	0	No Outlier
0-0.5	PBDE	BDE-154	42	ppb	0.222	0.278	10	9	Therefore, Potential Statistical Outliers are 1.12, 0.936, 0.744, 0.715, 0.598, 0.517, 0.509, 0.492, 0.488	0	No Outlier
0-0.5	PBDE	BDE-17	54	ppb	0.248	0.359	10	6	Therefore, Potential Statistical Outliers are 1.25, 1.19, 1.07, 1.07, 1.04, 0.913	0	No Outlier
0-0.5	PBDE	BDE-197	39	ppb	0.663	0.974	10	3	Therefore, Potential Statistical Outliers are 4.88, 2.78, 2.64	3	Therefore, Potential Statistical Outliers are 4.88, 2.78, 2.64
0-0.5	PBDE	BDE-203	32	ppb	0.719	0.831	10	1	Therefore, Observation 4.17 is a Potential Statistical Outlier	1	Therefore, Observation 4.17 is a Potential Statistical Outlier
0-0.5	PBDE	BDE-207	41	ppb	2.564	4.303	10	3	Therefore, Potential Statistical Outliers are 23.6, 13.5, 8.47	2	Therefore, Potential Statistical Outliers are 23.6, 13.5
0-0.5	PBDE	BDE-209	56	ppb	68.56	108.8	10	10	Therefore, Potential Statistical Outliers are 470, 376, 322, 291, 267, 226, 213, 195, 192, 179	10	Therefore, Potential Statistical Outliers are 470, 376, 322, 291, 267, 226, 213, 195, 192, 179
0-0.5	PBDE	BDE-47	55	ppb	0.92	1.492	10	7	Therefore, Potential Statistical Outliers are 7.09, 6.46, 4.4, 3.8, 3.04, 2.4, 2.24	5	Therefore, Potential Statistical Outliers are 7.09, 6.46, 4.4, 3.8, 3.04
0-0.5	PBDE	BDE-49	54	ppb	0.533	0.821	10	7	Therefore, Potential Statistical Outliers are 3.8, 2.54, 2.17, 2.12, 2.06, 1.91, 1.66	1	Therefore, Observation 3.8 is a Potential Statistical Outlier
0-0.5	PBDE	BDE-66	33	ppb	0.0696	0.0764	10	1	Therefore, Observation 0.3 is a Potential Statistical Outlier	0	No Outlier
0-0.5	PBDE	BDE-7	54	ppb	0.198	0.302	10	10	Therefore, Potential Statistical Outliers are 1.16, 1.11, 1.1, 0.949, 0.686, 0.552, 0.518, 0.504, 0.496, 0.432	10	Therefore, Potential Statistical Outliers are 1.16, 1.11, 1.1, 0.949, 0.686, 0.552, 0.518, 0.504, 0.496, 0.432
0-0.5	PBDE	BDE-75	25	ppb	0.125	0.152	10	9	Therefore, Potential Statistical Outliers are 0.389, 0.383, 0.37, 0.364, 0.346, 0.324, 0.308, 0.17, 0.117	9	Therefore, Potential Statistical Outliers are 0.389, 0.383, 0.37, 0.364, 0.346, 0.324, 0.308, 0.17, 0.117
0-0.5	PBDE	BDE-85	33	ppb	0.0481	0.0659	10	5	Therefore, Potential Statistical Outliers are 0.268, 0.209, 0.189, 0.142, 0.138	5	Therefore, Potential Statistical Outliers are 0.268, 0.209, 0.189, 0.142, 0.138
0-0.5	PBDE	BDE-99	55	ppb	0.974	1.663	10	6	Therefore, Potential Statistical Outliers are 7.24, 6.55, 6.1, 4.71, 4.64, 2.35	6	Therefore, Potential Statistical Outliers are 7.24, 6.55, 6.1, 4.71, 4.64, 2.35
0-0.5	Aroclor PCBs	Aroclor-1242	82	ppb	399.2	874.6	10	5	Therefore, Potential Statistical Outliers are 6800, 3600, 2300, 1900, 1000	5	Therefore, Potential Statistical Outliers are 6800, 3600, 2300, 1900, 1000
0-0.5	Aroclor PCBs	Aroclor-1248	84	ppb	476.6	1100	10	9	Therefore, Potential Statistical Outliers are 9100, 3500, 2600, 2200, 1350, 1300, 1200, 1200, 990	9	Therefore, Potential Statistical Outliers are 9100, 3500, 2600, 2200, 1350, 1300, 1200, 1200, 990

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Aroclor PCBs	Aroclor-1254	147	ppb	341.6	457.7	10	10	Therefore, Potential Statistical Outliers are 4100, 2000, 1700, 1600, 1500, 1250, 1200, 1200, 1200, 1200	10	Therefore, Potential Statistical Outliers are 4100, 2000, 1700, 1600, 1500, 1250, 1200, 1200, 1200, 1200
0-0.5	Aroclor PCBs	Aroclor-1260	150	ppb	168.6	233.6	10	10	Therefore, Potential Statistical Outliers are 2200, 980, 840, 830, 760, 630, 630, 570, 540, 490	10	Therefore, Potential Statistical Outliers are 2200, 980, 840, 830, 760, 630, 630, 570, 540, 490
0-0.5	Aroclor PCBs	Total Aroclor PCBs	169	ppb	878	1517	10	10	Therefore, Potential Statistical Outliers are 14000, 8000, 7500, 5600, 4300, 4200, 3500, 3300, 3250, 3200	10	Therefore, Potential Statistical Outliers are 14000, 8000, 7500, 5600, 4300, 4200, 3500, 3300, 3250, 3200
0-0.5	Congener PCBs	PCB-1	190	ppt	1508	4222	10	10	Therefore, Potential Statistical Outliers are 44600, 36200, 8860, 6510, 6430, 6280, 4730, 4600, 4290, 4280	10	Therefore, Potential Statistical Outliers are 44600, 36200, 8860, 6510, 6430, 6280, 4730, 4600, 4290, 4280
0-0.5	Congener PCBs	PCB-100	152	ppt	409.7	904	10	10	Therefore, Potential Statistical Outliers are 8910, 5740, 3150, 1720, 1540, 1240, 1165, 1130, 1060, 1050	5	Therefore, Potential Statistical Outliers are 8910, 5740, 3150, 1720, 1540
0-0.5	Congener PCBs	PCB-103	182	ppt	662.5	1166	10	10	Therefore, Potential Statistical Outliers are 11100, 8730, 3690, 3430, 3240, 3010, 2510, 2100, 2060, 2010	7	Therefore, Potential Statistical Outliers are 11100, 8730, 3690, 3430, 3240, 3010, 2510
0-0.5	Congener PCBs	PCB-104	136	ppt	127.6	222.2	10	10	Therefore, Potential Statistical Outliers are 1340, 1130, 971, 871, 847, 758, 644, 538, 529, 412	9	Therefore, Potential Statistical Outliers are 1340, 1130, 971, 871, 847, 758, 644, 538, 529
0-0.5	Congener PCBs	PCB-105	275	ppt	9525	14494	10	10	Therefore, Potential Statistical Outliers are 179000, 70900, 66900, 60600, 53500, 52800, 44100, 43200, 38700, 32900	9	Therefore, Potential Statistical Outliers are 179000, 70900, 66900, 60600, 53500, 52800, 44100, 43200, 38700
0-0.5	Congener PCBs	PCB-106/118	223	ppt	22437	36887	10	10	Therefore, Potential Statistical Outliers are 410000, 198000, 160000, 133000, 114000, 112000, 105000, 93900, 88600, 86300	10	Therefore, Potential Statistical Outliers are 410000, 198000, 160000, 133000, 114000, 112000, 105000, 93900, 88600, 86300
0-0.5	Congener PCBs	PCB-107/109	137	ppt	1971	3541	10	10	Therefore, Potential Statistical Outliers are 34600, 15700, 11900, 8730, 6940, 6920, 6780, 6730, 6670, 5405	10	Therefore, Potential Statistical Outliers are 34600, 15700, 11900, 8730, 6940, 6920, 6780, 6730, 6670, 5405
0-0.5	Congener PCBs	PCB-108/112	137	ppt	1652	3408	10	10	Therefore, Potential Statistical Outliers are 33700, 15100, 12100, 8510, 5550, 5390, 5380, 5350, 4970, 4260	9	Therefore, Potential Statistical Outliers are 33700, 15100, 12100, 8510, 5550, 5390, 5380, 5350, 4970
0-0.5	Congener PCBs	PCB-11	187	ppt	6576	9109	10	10	Therefore, Potential Statistical Outliers are 60900, 59100, 49200, 41200, 39200, 33500, 33300, 33200, 25200, 23900	10	Therefore, Potential Statistical Outliers are 60900, 59100, 49200, 41200, 39200, 33500, 33300, 33200, 25200, 23900
0-0.5	Congener PCBs	PCB-110	164	ppt	34946	56844	10	10	Therefore, Potential Statistical Outliers are 498000, 380000, 210000, 209000, 157000, 147000, 131000, 125000, 115000, 108000	10	Therefore, Potential Statistical Outliers are 498000, 380000, 210000, 209000, 157000, 147000, 131000, 125000, 115000, 108000
0-0.5	Congener PCBs	PCB-111/115	137	ppt	655.7	1586	10	10	Therefore, Potential Statistical Outliers are 16100, 7050, 4970, 3410, 2760, 2220, 2070, 2010, 1990, 1720	10	Therefore, Potential Statistical Outliers are 16100, 7050, 4970, 3410, 2760, 2220, 2070, 2010, 1990, 1720

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Congener PCBs	PCB-113	120	ppt	143.9	352.1	10	10	Therefore, Potential Statistical Outliers are 2700, 1910, 1410, 1340, 1040, 376, 355, 349, 322, 302	8	Therefore, Potential Statistical Outliers are 2700, 1910, 1410, 1340, 1040, 376, 355, 349
0-0.5	Congener PCBs	PCB-114	265	ppt	633.3	1204	10	10	Therefore, Potential Statistical Outliers are 16300, 5710, 5450, 3640, 3610, 3560, 2740, 2690, 2630, 2450	10	Therefore, Potential Statistical Outliers are 16300, 5710, 5450, 3640, 3610, 3560, 2740, 2690, 2630, 2450
0-0.5	Congener PCBs	PCB-119	152	ppt	893.4	2074	10	10	Therefore, Potential Statistical Outliers are 18400, 16600, 4440, 3880, 3730, 3250, 2810, 2790, 2570, 2490	10	Therefore, Potential Statistical Outliers are 18400, 16600, 4440, 3880, 3730, 3250, 2810, 2790, 2570, 2490
0-0.5	Congener PCBs	PCB-12/13	171	ppt	6180	37069	10	10	Therefore, Potential Statistical Outliers are 475000, 93300, 59800, 16700, 16100, 11000, 10500, 10300, 10200, 9650	10	Therefore, Potential Statistical Outliers are 475000, 93300, 59800, 16700, 16100, 11000, 10500, 10300, 10200, 9650
0-0.5	Congener PCBs	PCB-120	153	ppt	334.4	2684	10	8	Therefore, Potential Statistical Outliers are 33200, 2250, 1540, 916, 463, 349, 345, 311	8	Therefore, Potential Statistical Outliers are 33200, 2250, 1540, 916, 463, 349, 345, 311
0-0.5	Congener PCBs	PCB-122	185	ppt	425.3	739.8	10	10	Therefore, Potential Statistical Outliers are 8560, 2910, 2890, 2010, 1960, 1490, 1410, 1400, 1390, 1230	9	Therefore, Potential Statistical Outliers are 8560, 2910, 2890, 2010, 1960, 1490, 1410, 1400, 1390
0-0.5	Congener PCBs	PCB-123	266	ppt	508.4	920.2	10	10	Therefore, Potential Statistical Outliers are 12900, 3680, 3150, 2980, 2860, 2830, 2250, 1950, 1860, 1700	10	Therefore, Potential Statistical Outliers are 12900, 3680, 3150, 2980, 2860, 2830, 2250, 1950, 1860, 1700
0-0.5	Congener PCBs	PCB-124	152	ppt	921.1	1705	10	10	Therefore, Potential Statistical Outliers are 15500, 9660, 6360, 4720, 4630, 4540, 3840, 3520, 2840, 2835	10	Therefore, Potential Statistical Outliers are 15500, 9660, 6360, 4720, 4630, 4540, 3840, 3520, 2840, 2835
0-0.5	Congener PCBs	PCB-126	248	ppt	139.6	190.2	10	10	Therefore, Potential Statistical Outliers are 2240, 1050, 900, 759, 691, 524, 516, 512, 494, 468	10	Therefore, Potential Statistical Outliers are 2240, 1050, 900, 759, 691, 524, 516, 512, 494, 468
0-0.5	Congener PCBs	PCB-128/162	139	ppt	3379	4940	10	10	Therefore, Potential Statistical Outliers are 41800, 20100, 19500, 19100, 17400, 13000, 11400, 11400, 10600, 10375	10	Therefore, Potential Statistical Outliers are 41800, 20100, 19500, 19100, 17400, 13000, 11400, 11400, 10600, 10375
0-0.5	Congener PCBs	PCB-129	152	ppt	3631	9137	10	10	Therefore, Potential Statistical Outliers are 51400, 39600, 38400, 38100, 36100, 32300, 31900, 31000, 28400, 28000	10	Therefore, Potential Statistical Outliers are 51400, 39600, 38400, 38100, 36100, 32300, 31900, 31000, 28400, 28000
0-0.5	Congener PCBs	PCB-130	187	ppt	1727	2257	10	6	Therefore, Potential Statistical Outliers are 23400, 11800, 8650, 6720, 6400, 6250	3	Therefore, Potential Statistical Outliers are 23400, 11800, 8650
0-0.5	Congener PCBs	PCB-131	71	ppt	359.8	433.9	10	3	Therefore, Potential Statistical Outliers are 2770, 1680, 1300	2	Therefore, Potential Statistical Outliers are 2770, 1680
0-0.5	Congener PCBs	PCB-132/161	139	ppt	6764	12959	10	10	Therefore, Potential Statistical Outliers are 135000, 36100, 34600, 34200, 30400, 27200, 23100, 22400, 21900, 20300	10	Therefore, Potential Statistical Outliers are 135000, 36100, 34600, 34200, 30400, 27200, 23100, 22400, 21900, 20300
0-0.5	Congener PCBs	PCB-133/142	137	ppt	737.8	1265	10	10	Therefore, Potential Statistical Outliers are 12800, 4130, 3510, 3160, 3120, 2720, 2650, 2500, 2420, 2215	10	Therefore, Potential Statistical Outliers are 12800, 4130, 3510, 3160, 3120, 2720, 2650, 2500, 2420, 2215

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Congener PCBs	PCB-134/143	161	ppt	1482	2315	10	7	Therefore, Potential Statistical Outliers are 24000, 8720, 7770, 6790, 6060, 6030, 4990	6	Therefore, Potential Statistical Outliers are 24000, 8720, 7770, 6790, 6060, 6030
0-0.5	Congener PCBs	PCB-135	153	ppt	4091	7452	10	1	Therefore, Observation 81900 is a Potential Statistical Outlier	1	Therefore, Observation 81900 is a Potential Statistical Outlier
0-0.5	Congener PCBs	PCB-136	188	ppt	4305	8622	10	10	Therefore, Potential Statistical Outliers are 103000, 41000, 28800, 17600, 16500, 16000, 16000, 14200, 12500, 12500	8	Therefore, Potential Statistical Outliers are 103000, 41000, 28800, 17600, 16500, 16000, 16000, 14200
0-0.5	Congener PCBs	PCB-137	186	ppt	1185	1312	10	7	Therefore, Potential Statistical Outliers are 8200, 7590, 6570, 6440, 5310, 4810, 4410	6	Therefore, Potential Statistical Outliers are 8200, 7590, 6570, 6440, 5310, 4810
0-0.5	Congener PCBs	PCB-138/163/164	139	ppt	24455	47208	10	10	Therefore, Potential Statistical Outliers are 507000, 118000, 115000, 100000, 96700, 91500, 82800, 78900, 77800, 77600	10	Therefore, Potential Statistical Outliers are 507000, 118000, 115000, 100000, 96700, 91500, 82800, 78900, 77800, 77600
0-0.5	Congener PCBs	PCB-139/149	139	ppt	22324	51500	10	10	Therefore, Potential Statistical Outliers are 575000, 107000, 96800, 94500, 90100, 83300, 76050, 75100, 66100, 62300	10	Therefore, Potential Statistical Outliers are 575000, 107000, 96800, 94500, 90100, 83300, 76050, 75100, 66100, 62300
0-0.5	Congener PCBs	PCB-140	146	ppt	158.1	367.3	10	10	Therefore, Potential Statistical Outliers are 4210, 846, 624, 594, 550, 533, 508.5, 506, 506, 488	10	Therefore, Potential Statistical Outliers are 4210, 846, 624, 594, 550, 533, 508.5, 506, 506, 488
0-0.5	Congener PCBs	PCB-141	188	ppt	5808	11408	10	9	Therefore, Potential Statistical Outliers are 125000, 68900, 49800, 24700, 24200, 20000, 18100, 18100, 17900	5	Therefore, Potential Statistical Outliers are 125000, 68900, 49800, 24700, 24200
0-0.5	Congener PCBs	PCB-144	185	ppt	1519	3127	10	10	Therefore, Potential Statistical Outliers are 35600, 18000, 11800, 6760, 5500, 4940, 4930, 4770, 4340, 4220	5	Therefore, Potential Statistical Outliers are 35600, 18000, 11800, 6760, 5500
0-0.5	Congener PCBs	PCB-145	62	ppt	21.18	22.17	10	3	Therefore, Potential Statistical Outliers are 139, 85.9, 73.1	3	Therefore, Potential Statistical Outliers are 139, 85.9, 73.1
0-0.5	Congener PCBs	PCB-146/165	138	ppt	3829	7990	10	10	Therefore, Potential Statistical Outliers are 88000, 17000, 16000, 15100, 15100, 14500, 12800, 12200, 12100, 11800	10	Therefore, Potential Statistical Outliers are 88000, 17000, 16000, 15100, 15100, 14500, 12800, 12200, 12100, 11800
0-0.5	Congener PCBs	PCB-147	152	ppt	3080	7843	10	10	Therefore, Potential Statistical Outliers are 38000, 35200, 35200, 34900, 34300, 30000, 26900, 24500, 23800, 22900	10	Therefore, Potential Statistical Outliers are 38000, 35200, 35200, 34900, 34300, 30000, 26900, 24500, 23800, 22900
0-0.5	Congener PCBs	PCB-148	154	ppt	95.3	133.3	10	10	Therefore, Potential Statistical Outliers are 1280, 621, 607, 365, 360, 322, 278, 277, 264, 257	6	Therefore, Potential Statistical Outliers are 1280, 621, 607, 365, 360, 322
0-0.5	Congener PCBs	PCB-15	191	ppt	20579	79942	10	10	Therefore, Potential Statistical Outliers are 1080000, 228000, 138000, 74800, 70800, 67000, 52000, 49100, 47200, 38900	9	Therefore, Potential Statistical Outliers are 1080000, 228000, 138000, 74800, 70800, 67000, 52000, 49100, 47200
0-0.5	Congener PCBs	PCB-150	172	ppt	153.7	248.1	10	10	Therefore, Potential Statistical Outliers are 2300, 1830, 880, 760, 593, 550, 528, 516, 459, 436	8	Therefore, Potential Statistical Outliers are 2300, 1830, 880, 760, 593, 550, 528, 516

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Congener PCBs	PCB-151	153	ppt	5802	15466	10	10	Therefore, Potential Statistical Outliers are 182000, 31800, 28400, 28300, 25200, 21600, 21600, 19600, 18300, 17600	10	Therefore, Potential Statistical Outliers are 182000, 31800, 28400, 28300, 25200, 21600, 21600, 19600, 18300, 17600
0-0.5	Congener PCBs	PCB-152	145	ppt	74.35	117.6	10	9	Therefore, Potential Statistical Outliers are 1010, 585, 569, 389, 359, 265, 249, 229, 216	7	Therefore, Potential Statistical Outliers are 1010, 585, 569, 389, 359, 265, 249
0-0.5	Congener PCBs	PCB-153	158	ppt	25860	52658	10	10	Therefore, Potential Statistical Outliers are 620000, 124000, 111000, 108000, 107000, 94400, 79800, 79350, 79300, 77300	10	Therefore, Potential Statistical Outliers are 620000, 124000, 111000, 108000, 107000, 94400, 79800, 79350, 79300, 77300
0-0.5	Congener PCBs	PCB-154	186	ppt	761.3	1435	10	10	Therefore, Potential Statistical Outliers are 15700, 8990, 4040, 3940, 3580, 2710, 2680, 2410, 2405, 2270	7	Therefore, Potential Statistical Outliers are 15700, 8990, 4040, 3940, 3580, 2710, 2680
0-0.5	Congener PCBs	PCB-155	175	ppt	241.7	385.4	10	10	Therefore, Potential Statistical Outliers are 2710, 2560, 2020, 1530, 1460, 1160, 1070, 1020, 1000, 998	10	Therefore, Potential Statistical Outliers are 2710, 2560, 2020, 1530, 1460, 1160, 1070, 1020, 1000, 998
0-0.5	Congener PCBs	PCB-156	238	ppt	2124	3047	10	10	Therefore, Potential Statistical Outliers are 35300, 12300, 12100, 12000, 10800, 9510, 8320, 8160, 7570, 7560	6	Therefore, Potential Statistical Outliers are 35300, 12300, 12100, 12000, 10800, 9510
0-0.5	Congener PCBs	PCB-157	231	ppt	427.2	535.7	10	10	Therefore, Potential Statistical Outliers are 4280, 3220, 2480, 2460, 2320, 2060, 1880, 1820, 1690, 1620	10	Therefore, Potential Statistical Outliers are 4280, 3220, 2480, 2460, 2320, 2060, 1880, 1820, 1690, 1620
0-0.5	Congener PCBs	PCB-158/160	138	ppt	2635	4864	10	10	Therefore, Potential Statistical Outliers are 50600, 13200, 13100, 12700, 10800, 10100, 8500, 8480, 8450, 8365	10	Therefore, Potential Statistical Outliers are 50600, 13200, 13100, 12700, 10800, 10100, 8500, 8480, 8450, 8365
0-0.5	Congener PCBs	PCB-159	134	ppt	342.2	708.7	10	10	Therefore, Potential Statistical Outliers are 7500, 2700, 1540, 1220, 1080, 1044, 957, 937, 932, 932	10	Therefore, Potential Statistical Outliers are 7500, 2700, 1540, 1220, 1080, 1044, 957, 937, 932, 932
0-0.5	Congener PCBs	PCB-16/32	138	ppt	23117	88320	10	10	Therefore, Potential Statistical Outliers are 899000, 472000, 200000, 177000, 72600, 69600, 63500, 55500, 51300, 45500	10	Therefore, Potential Statistical Outliers are 899000, 472000, 200000, 177000, 72600, 69600, 63500, 55500, 51300, 45500
0-0.5	Congener PCBs	PCB-166	142	ppt	84.67	113.1	10	10	Therefore, Potential Statistical Outliers are 767, 653, 485, 475, 404, 303, 293, 290, 270, 265	10	Therefore, Potential Statistical Outliers are 767, 653, 485, 475, 404, 303, 293, 290, 270, 265
0-0.5	Congener PCBs	PCB-167	271	ppt	995.9	1280	10	9	Therefore, Potential Statistical Outliers are 14700, 7710, 5230, 4740, 4410, 4370, 3890, 3590, 3490	6	Therefore, Potential Statistical Outliers are 14700, 7710, 5230, 4740, 4410, 4370
0-0.5	Congener PCBs	PCB-168	124	ppt	58.58	113.4	10	5	Therefore, Potential Statistical Outliers are 1180, 311, 277, 224, 181	4	Therefore, Potential Statistical Outliers are 1180, 311, 277, 224
0-0.5	Congener PCBs	PCB-169	56	ppt	79.71	124.2	10	3	Therefore, Potential Statistical Outliers are 548, 524, 497	3	Therefore, Potential Statistical Outliers are 548, 524, 497
0-0.5	Congener PCBs	PCB-17	187	ppt	16650	69486	10	10	Therefore, Potential Statistical Outliers are 868000, 336000, 165000, 136000, 81900, 61500, 57100, 51500, 50200, 42200	10	Therefore, Potential Statistical Outliers are 868000, 336000, 165000, 136000, 81900, 61500, 57100, 51500, 50200, 42200
0-0.5	Congener PCBs	PCB-170	234	ppt	7557	15352	10	7	Therefore, Potential Statistical Outliers are 191000, 95600, 73400, 38100, 31900, 29900, 27800	7	Therefore, Potential Statistical Outliers are 191000, 95600, 73400, 38100, 31900, 29900, 27800

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Congener PCBs	PCB-171	153	ppt	1932	4677	10	9	Therefore, Potential Statistical Outliers are 55500, 10800, 8480, 7950, 6290, 6245, 5850, 5670, 5280	4	Therefore, Potential Statistical Outliers are 55500, 10800, 8480, 7950
0-0.5	Congener PCBs	PCB-172	186	ppt	1435	2781	10	6	Therefore, Potential Statistical Outliers are 30700, 16700, 12100, 6860, 5240, 4880	6	Therefore, Potential Statistical Outliers are 30700, 16700, 12100, 6860, 5240, 4880
0-0.5	Congener PCBs	PCB-173	144	ppt	149.8	399.9	10	10	Therefore, Potential Statistical Outliers are 4600, 788, 758, 622, 546, 532.5, 496, 470, 464, 436	10	Therefore, Potential Statistical Outliers are 4600, 788, 758, 622, 546, 532.5, 496, 470, 464, 436
0-0.5	Congener PCBs	PCB-174	187	ppt	9408	20221	10	6	Therefore, Potential Statistical Outliers are 223000, 130000, 77500, 51500, 40000, 35900	6	Therefore, Potential Statistical Outliers are 223000, 130000, 77500, 51500, 40000, 35900
0-0.5	Congener PCBs	PCB-175	185	ppt	432.9	879	10	10	Therefore, Potential Statistical Outliers are 10200, 4960, 3050, 1830, 1650, 1650, 1250, 1205, 1190, 1140	6	Therefore, Potential Statistical Outliers are 10200, 4960, 3050, 1830, 1650, 1650
0-0.5	Congener PCBs	PCB-176	186	ppt	1281	2809	10	6	Therefore, Potential Statistical Outliers are 33900, 13300, 10100, 5180, 5010, 4540	6	Therefore, Potential Statistical Outliers are 33900, 13300, 10100, 5180, 5010, 4540
0-0.5	Congener PCBs	PCB-177	187	ppt	5535	11164	10	6	Therefore, Potential Statistical Outliers are 128000, 65000, 41300, 26700, 21300, 19900	6	Therefore, Potential Statistical Outliers are 128000, 65000, 41300, 26700, 21300, 19900
0-0.5	Congener PCBs	PCB-178	186	ppt	2107	4027	10	7	Therefore, Potential Statistical Outliers are 46800, 21900, 15100, 7900, 7850, 7190, 6630	6	Therefore, Potential Statistical Outliers are 46800, 21900, 15100, 7900, 7850, 7190
0-0.5	Congener PCBs	PCB-179	188	ppt	4680	9825	10	7	Therefore, Potential Statistical Outliers are 116000, 53000, 35100, 18700, 18500, 17500, 14600	6	Therefore, Potential Statistical Outliers are 116000, 53000, 35100, 18700, 18500, 17500
0-0.5	Congener PCBs	PCB-18	157	ppt	35551	158632	10	10	Therefore, Potential Statistical Outliers are 1770000, 811000, 349000, 342000, 108000, 98700, 96400, 92100, 76700, 76400	10	Therefore, Potential Statistical Outliers are 1770000, 811000, 349000, 342000, 108000, 98700, 96400, 92100, 76700, 76400
0-0.5	Congener PCBs	PCB-180	201	ppt	16255	35647	10	10	Therefore, Potential Statistical Outliers are 467000, 105000, 88200, 81900, 80000, 58000, 56700, 54300, 52500, 47800	5	Therefore, Potential Statistical Outliers are 467000, 105000, 88200, 81900, 80000
0-0.5	Congener PCBs	PCB-181	157	ppt	77.9	95.11	10	6	Therefore, Potential Statistical Outliers are 677, 488, 469, 425, 421, 367	6	Therefore, Potential Statistical Outliers are 677, 488, 469, 425, 421, 367
0-0.5	Congener PCBs	PCB-182/187	138	ppt	11259	25661	10	10	Therefore, Potential Statistical Outliers are 287000, 51800, 51100, 50600, 45200, 36900, 34500, 34000, 30100, 27400	8	Therefore, Potential Statistical Outliers are 287000, 51800, 51100, 50600, 45200, 36900, 34500, 34000
0-0.5	Congener PCBs	PCB-183	168	ppt	5318	11712	10	5	Therefore, Potential Statistical Outliers are 137000, 56100, 21900, 21000, 20600	5	Therefore, Potential Statistical Outliers are 137000, 56100, 21900, 21000, 20600
0-0.5	Congener PCBs	PCB-184	136	ppt	36.57	28.61	10	6	Therefore, Potential Statistical Outliers are 220, 160, 138, 129, 101, 94.4	5	Therefore, Potential Statistical Outliers are 220, 160, 138, 129, 101
0-0.5	Congener PCBs	PCB-185	162	ppt	892.7	2312	10	10	Therefore, Potential Statistical Outliers are 23300, 16100, 6100, 4400, 4220, 2975, 2890, 2690, 2660, 2450	9	Therefore, Potential Statistical Outliers are 23300, 16100, 6100, 4400, 4220, 2975, 2890, 2690, 2660

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Congener PCBs	PCB-188	147	ppt	51.46	71.87	10	10	Therefore, Potential Statistical Outliers are 489, 478, 436, 305, 239, 176, 144, 134, 117.5, 116	8	Therefore, Potential Statistical Outliers are 489, 478, 436, 305, 239, 176, 144, 134
0-0.5	Congener PCBs	PCB-189	255	ppt	269.4	499.2	10	10	Therefore, Potential Statistical Outliers are 6610, 3120, 2300, 1220, 1150, 1000, 911, 844, 826.5, 821	6	Therefore, Potential Statistical Outliers are 6610, 3120, 2300, 1220, 1150, 1000
0-0.5	Congener PCBs	PCB-19	186	ppt	4485	25154	10	10	Therefore, Potential Statistical Outliers are 323000, 108000, 47300, 31800, 14200, 12800, 11500, 10700, 9290, 8660	10	Therefore, Potential Statistical Outliers are 323000, 108000, 47300, 31800, 14200, 12800, 11500, 10700, 9290, 8660
0-0.5	Congener PCBs	PCB-190	186	ppt	1668	3346	10	6	Therefore, Potential Statistical Outliers are 37700, 19500, 14100, 7240, 6430, 5860	6	Therefore, Potential Statistical Outliers are 37700, 19500, 14100, 7240, 6430, 5860
0-0.5	Congener PCBs	PCB-191	184	ppt	345	678.2	10	6	Therefore, Potential Statistical Outliers are 7650, 3830, 2970, 1330, 1270, 1120	5	Therefore, Potential Statistical Outliers are 7650, 3830, 2970, 1330, 1270
0-0.5	Congener PCBs	PCB-193	152	ppt	744.4	1815	10	10	Therefore, Potential Statistical Outliers are 21100, 4180, 3850, 3520, 2790, 2740, 2480, 2420, 2240, 2080	8	Therefore, Potential Statistical Outliers are 21100, 4180, 3850, 3520, 2790, 2740, 2480, 2420
0-0.5	Congener PCBs	PCB-194	191	ppt	5246	8493	10	7	Therefore, Potential Statistical Outliers are 86800, 59800, 32700, 26500, 24000, 18600, 16600	6	Therefore, Potential Statistical Outliers are 86800, 59800, 32700, 26500, 24000, 18600
0-0.5	Congener PCBs	PCB-195	190	ppt	2072	3785	10	7	Therefore, Potential Statistical Outliers are 40900, 25300, 14200, 10800, 8150, 7910, 6345	6	Therefore, Potential Statistical Outliers are 40900, 25300, 14200, 10800, 8150, 7910
0-0.5	Congener PCBs	PCB-196/203	139	ppt	5570	10983	10	10	Therefore, Potential Statistical Outliers are 120000, 30100, 23900, 22500, 21500, 20200, 17250, 16000, 15300, 13900	7	Therefore, Potential Statistical Outliers are 120000, 30100, 23900, 22500, 21500, 20200, 17250
0-0.5	Congener PCBs	PCB-197	179	ppt	268.4	424.8	10	10	Therefore, Potential Statistical Outliers are 4220, 2040, 1520, 1480, 1290, 1100, 1010, 995, 986, 954	10	Therefore, Potential Statistical Outliers are 4220, 2040, 1520, 1480, 1290, 1100, 1010, 995, 986, 954
0-0.5	Congener PCBs	PCB-198	149	ppt	862.3	2027	10	10	Therefore, Potential Statistical Outliers are 12600, 9260, 8400, 7280, 6980, 6830, 6790, 6760, 6190, 5870	10	Therefore, Potential Statistical Outliers are 12600, 9260, 8400, 7280, 6980, 6830, 6790, 6760, 6190, 5870
0-0.5	Congener PCBs	PCB-199	154	ppt	4979	9614	10	10	Therefore, Potential Statistical Outliers are 105000, 33600, 24900, 24400, 24100, 19700, 16350, 15200, 15000, 14100	6	Therefore, Potential Statistical Outliers are 105000, 33600, 24900, 24400, 24100, 19700
0-0.5	Congener PCBs	PCB-2	186	ppt	417.9	1068	10	10	Therefore, Potential Statistical Outliers are 14000, 3780, 1750, 1680, 1360, 1300, 1290, 1210, 1100, 982	10	Therefore, Potential Statistical Outliers are 14000, 3780, 1750, 1680, 1360, 1300, 1290, 1210, 1100, 982
0-0.5	Congener PCBs	PCB-20/21/33	138	ppt	14665	37904	10	10	Therefore, Potential Statistical Outliers are 284000, 243000, 225000, 85600, 71500, 63100, 47400, 40700, 40600, 39750	10	Therefore, Potential Statistical Outliers are 284000, 243000, 225000, 85600, 71500, 63100, 47400, 40700, 40600, 39750
0-0.5	Congener PCBs	PCB-200	185	ppt	661.4	1281	10	10	Therefore, Potential Statistical Outliers are 13400, 8040, 4830, 3810, 3250, 2610, 2400, 2290, 2210, 2140	10	Therefore, Potential Statistical Outliers are 13400, 8040, 4830, 3810, 3250, 2610, 2400, 2290, 2210, 2140

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Congener PCBs	PCB-201	185	ppt	852.1	1328	10	10	Therefore, Potential Statistical Outliers are 14200, 8300, 4310, 4080, 3700, 2760, 2530, 2530, 2520, 2450	5	Therefore, Potential Statistical Outliers are 14200, 8300, 4310, 4080, 3700
0-0.5	Congener PCBs	PCB-202	191	ppt	1713	2111	10	10	Therefore, Potential Statistical Outliers are 20900, 13500, 8540, 6950, 6780, 6520, 6510, 5670, 5210, 4540	9	Therefore, Potential Statistical Outliers are 20900, 13500, 8540, 6950, 6780, 6520, 6510, 5670, 5210
0-0.5	Congener PCBs	PCB-204	40	ppt	11.29	7.041	10	2	Therefore, Potential Statistical Outliers are 37.5, 28.8	1	Therefore, Observation 37.5 is a Potential Statistical Outlier
0-0.5	Congener PCBs	PCB-205	183	ppt	240.2	388.3	10	7	Therefore, Potential Statistical Outliers are 3790, 2860, 1680, 1030, 899, 797, 769	5	Therefore, Potential Statistical Outliers are 3790, 2860, 1680, 1030, 899
0-0.5	Congener PCBs	PCB-206	192	ppt	4572	5940	10	10	Therefore, Potential Statistical Outliers are 46700, 37900, 33500, 32000, 26100, 21800, 16800, 16100, 13100, 11700	9	Therefore, Potential Statistical Outliers are 46700, 37900, 33500, 32000, 26100, 21800, 16800, 16100, 13100
0-0.5	Congener PCBs	PCB-207	188	ppt	431.2	484.8	10	9	Therefore, Potential Statistical Outliers are 3300, 2870, 2710, 2510, 2510, 2010, 1640, 1370, 1250	8	Therefore, Potential Statistical Outliers are 3300, 2870, 2710, 2510, 2510, 2010, 1640, 1370
0-0.5	Congener PCBs	PCB-208	188	ppt	1468	1775	10	10	Therefore, Potential Statistical Outliers are 15200, 10300, 9860, 8560, 8560, 5350, 4760, 3850, 3840, 3830	7	Therefore, Potential Statistical Outliers are 15200, 10300, 9860, 8560, 8560, 5350, 4760
0-0.5	Congener PCBs	PCB-209	259	ppt	3893	8011	10	10	Therefore, Potential Statistical Outliers are 93900, 69600, 42000, 26800, 21600, 16300, 15400, 12700, 12600, 12500	10	Therefore, Potential Statistical Outliers are 93900, 69600, 42000, 26800, 21600, 16300, 15400, 12700, 12600, 12500
0-0.5	Congener PCBs	PCB-22	186	ppt	11713	23601	10	10	Therefore, Potential Statistical Outliers are 200000, 158000, 150000, 70100, 68100, 67600, 65800, 62000, 37900, 36100	10	Therefore, Potential Statistical Outliers are 200000, 158000, 150000, 70100, 68100, 67600, 65800, 62000, 37900, 36100
0-0.5	Congener PCBs	PCB-23	102	ppt	51.11	107	10	10	Therefore, Potential Statistical Outliers are 877, 420, 389, 279, 245, 166, 152, 146, 143, 99	10	Therefore, Potential Statistical Outliers are 877, 420, 389, 279, 245, 166, 152, 146, 143, 99
0-0.5	Congener PCBs	PCB-24/27	137	ppt	4743	25256	10	10	Therefore, Potential Statistical Outliers are 287000, 67000, 38400, 22600, 12200, 12000, 9150, 8680, 8190, 5890	9	Therefore, Potential Statistical Outliers are 287000, 67000, 38400, 22600, 12200, 12000, 9150, 8680, 8190
0-0.5	Congener PCBs	PCB-25	187	ppt	8351	44366	10	10	Therefore, Potential Statistical Outliers are 594000, 103000, 90300, 37000, 29300, 25700, 21100, 19800, 17400, 15000	10	Therefore, Potential Statistical Outliers are 594000, 103000, 90300, 37000, 29300, 25700, 21100, 19800, 17400, 15000
0-0.5	Congener PCBs	PCB-26	154	ppt	12636	65020	10	10	Therefore, Potential Statistical Outliers are 788000, 148000, 115000, 73400, 41400, 38900, 25300, 24900, 22200, 22000	10	Therefore, Potential Statistical Outliers are 788000, 148000, 115000, 73400, 41400, 38900, 25300, 24900, 22200, 22000
0-0.5	Congener PCBs	PCB-28	158	ppt	43359	106599	10	10	Therefore, Potential Statistical Outliers are 1090000, 560000, 415000, 269000, 233000, 223000, 148000, 135000, 131000, 112000	9	Therefore, Potential Statistical Outliers are 1090000, 560000, 415000, 269000, 233000, 223000, 148000, 135000, 131000

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Congener PCBs	PCB-29	137	ppt	145.5	391.2	10	10	Therefore, Potential Statistical Outliers are 2870, 2760, 2090, 845, 777, 546, 502, 482, 400, 384.5	10	Therefore, Potential Statistical Outliers are 2870, 2760, 2090, 845, 777, 546, 502, 482, 400, 384.5
0-0.5	Congener PCBs	PCB-3	192	ppt	1515	7190	10	10	Therefore, Potential Statistical Outliers are 97200, 22000, 10700, 7300, 4670, 3760, 3710, 3330, 3250, 3160	10	Therefore, Potential Statistical Outliers are 97200, 22000, 10700, 7300, 4670, 3760, 3710, 3330, 3250, 3160
0-0.5	Congener PCBs	PCB-30	47	ppt	69.39	179.1	10	8	Therefore, Potential Statistical Outliers are 1040, 664, 222, 205, 175, 124, 90.5, 87.9	6	Therefore, Potential Statistical Outliers are 1040, 664, 222, 205, 175, 124
0-0.5	Congener PCBs	PCB-31	188	ppt	39535	111510	10	10	Therefore, Potential Statistical Outliers are 1330000, 499000, 458000, 288000, 219000, 201000, 173000, 164000, 111000, 97900	10	Therefore, Potential Statistical Outliers are 1330000, 499000, 458000, 288000, 219000, 201000, 173000, 164000, 111000, 97900
0-0.5	Congener PCBs	PCB-34	179	ppt	360	1560	10	10	Therefore, Potential Statistical Outliers are 20000, 4790, 3210, 2880, 1570, 1390, 1250, 857, 825, 792	10	Therefore, Potential Statistical Outliers are 20000, 4790, 3210, 2880, 1570, 1390, 1250, 857, 825, 792
0-0.5	Congener PCBs	PCB-35	184	ppt	1186	1843	10	10	Therefore, Potential Statistical Outliers are 18700, 8910, 8510, 6860, 6720, 4970, 4960, 4770, 3910, 3560	10	Therefore, Potential Statistical Outliers are 18700, 8910, 8510, 6860, 6720, 4970, 4960, 4770, 3910, 3560
0-0.5	Congener PCBs	PCB-36	124	ppt	47.96	63.47	10	5	Therefore, Potential Statistical Outliers are 663, 208, 197, 145, 139	5	Therefore, Potential Statistical Outliers are 663, 208, 197, 145, 139
0-0.5	Congener PCBs	PCB-37	188	ppt	11997	20986	10	10	Therefore, Potential Statistical Outliers are 239000, 97300, 94000, 57300, 53200, 47400, 47000, 45000, 38700, 34200	10	Therefore, Potential Statistical Outliers are 239000, 97300, 94000, 57300, 53200, 47400, 47000, 45000, 38700, 34200
0-0.5	Congener PCBs	PCB-38	146	ppt	297.9	1062	10	10	Therefore, Potential Statistical Outliers are 12100, 4150, 1960, 1040, 857, 841, 687, 673, 650, 634	10	Therefore, Potential Statistical Outliers are 12100, 4150, 1960, 1040, 857, 841, 687, 673, 650, 634
0-0.5	Congener PCBs	PCB-39	167	ppt	169.9	416.5	10	10	Therefore, Potential Statistical Outliers are 5070, 1380, 936, 926, 700, 456, 446, 434, 417, 405	5	Therefore, Potential Statistical Outliers are 5070, 1380, 936, 926, 700
0-0.5	Congener PCBs	PCB-4/10	136	ppt	10329	53995	10	10	Therefore, Potential Statistical Outliers are 586000, 223000, 89000, 60100, 23300, 20500, 19700, 15400, 12800, 12300	10	Therefore, Potential Statistical Outliers are 586000, 223000, 89000, 60100, 23300, 20500, 19700, 15400, 12800, 12300
0-0.5	Congener PCBs	PCB-40	146	ppt	6323	14083	10	6	Therefore, Potential Statistical Outliers are 142000, 73000, 35400, 32400, 26400, 21700	5	Therefore, Potential Statistical Outliers are 142000, 73000, 35400, 32400, 26400
0-0.5	Congener PCBs	PCB-41/64/71/72	121	ppt	32537	92948	10	10	Therefore, Potential Statistical Outliers are 948000, 318000, 184000, 146000, 136000, 107000, 91200, 90500, 81500, 72300	9	Therefore, Potential Statistical Outliers are 948000, 318000, 184000, 146000, 136000, 107000, 91200, 90500, 81500
0-0.5	Congener PCBs	PCB-42/59	139	ppt	13408	36577	10	10	Therefore, Potential Statistical Outliers are 375000, 149000, 134000, 72600, 58600, 52500, 49300, 42700, 37400, 33000	10	Therefore, Potential Statistical Outliers are 375000, 149000, 134000, 72600, 58600, 52500, 49300, 42700, 37400, 33000
0-0.5	Congener PCBs	PCB-43/49	139	ppt	38255	132150	10	10	Therefore, Potential Statistical Outliers are 1470000, 397000, 311000, 220000, 149000, 142000, 116000, 101000, 86300, 81700	10	Therefore, Potential Statistical Outliers are 1470000, 397000, 311000, 220000, 149000, 142000, 116000, 101000, 86300, 81700

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Congener PCBs	PCB-44	158	ppt	34934	83349	10	10	Therefore, Potential Statistical Outliers are 834000, 429000, 413000, 179000, 155000, 154000, 128000, 113000, 101000, 92700	9	Therefore, Potential Statistical Outliers are 834000, 429000, 413000, 179000, 155000, 154000, 128000, 113000, 101000
0-0.5	Congener PCBs	PCB-45	162	ppt	6428	17886	10	10	Therefore, Potential Statistical Outliers are 193000, 86600, 70200, 37800, 35000, 28200, 21200, 20500, 19700, 19300	10	Therefore, Potential Statistical Outliers are 193000, 86600, 70200, 37800, 35000, 28200, 21200, 20500, 19700, 19300
0-0.5	Congener PCBs	PCB-46	186	ppt	2639	7553	10	10	Therefore, Potential Statistical Outliers are 87500, 39700, 29900, 19600, 14200, 11500, 9350, 8580, 8540, 8180	10	Therefore, Potential Statistical Outliers are 87500, 39700, 29900, 19600, 14200, 11500, 9350, 8580, 8540, 8180
0-0.5	Congener PCBs	PCB-47	154	ppt	14587	51172	10	10	Therefore, Potential Statistical Outliers are 593000, 166000, 144000, 85000, 64800, 60400, 50400, 39300, 34700, 33000	10	Therefore, Potential Statistical Outliers are 593000, 166000, 144000, 85000, 64800, 60400, 50400, 39300, 34700, 33000
0-0.5	Congener PCBs	PCB-48/75	138	ppt	7534	22873	10	10	Therefore, Potential Statistical Outliers are 244000, 91900, 57600, 39200, 27800, 27200, 24000, 21600, 19100, 18200	8	Therefore, Potential Statistical Outliers are 244000, 91900, 57600, 39200, 27800, 27200, 24000, 21600
0-0.5	Congener PCBs	PCB-5/8	137	ppt	20994	100798	10	10	Therefore, Potential Statistical Outliers are 1060000, 494000, 202000, 135000, 47500, 38700, 37400, 34350, 32900, 28500	10	Therefore, Potential Statistical Outliers are 1060000, 494000, 202000, 135000, 47500, 38700, 37400, 34350, 32900, 28500
0-0.5	Congener PCBs	PCB-50	138	ppt	634.8	1608	10	10	Therefore, Potential Statistical Outliers are 8980, 6590, 6440, 6260, 5900, 5730, 5300, 4990, 4730, 4160	10	Therefore, Potential Statistical Outliers are 8980, 6590, 6440, 6260, 5900, 5730, 5300, 4990, 4730, 4160
0-0.5	Congener PCBs	PCB-51	162	ppt	3486	11465	10	10	Therefore, Potential Statistical Outliers are 128000, 51500, 34000, 20600, 20500, 19100, 17300, 15100, 14600, 10300	10	Therefore, Potential Statistical Outliers are 128000, 51500, 34000, 20600, 20500, 19100, 17300, 15100, 14600, 10300
0-0.5	Congener PCBs	PCB-52/69	139	ppt	43810	135728	10	10	Therefore, Potential Statistical Outliers are 1460000, 500000, 386000, 234000, 173000, 161000, 137000, 123000, 118000, 103000	9	Therefore, Potential Statistical Outliers are 1460000, 500000, 386000, 234000, 173000, 161000, 137000, 123000, 118000
0-0.5	Congener PCBs	PCB-53	153	ppt	6750	28030	10	10	Therefore, Potential Statistical Outliers are 322000, 108000, 62100, 52200, 25500, 21800, 20400, 19700, 15100, 14000	9	Therefore, Potential Statistical Outliers are 322000, 108000, 62100, 52200, 25500, 21800, 20400, 19700, 15100
0-0.5	Congener PCBs	PCB-54	177	ppt	416.7	984.6	10	10	Therefore, Potential Statistical Outliers are 7470, 6400, 5730, 3880, 3530, 2560, 2440, 2180, 1850, 1610	10	Therefore, Potential Statistical Outliers are 7470, 6400, 5730, 3880, 3530, 2560, 2440, 2180, 1850, 1610
0-0.5	Congener PCBs	PCB-55	181	ppt	581.5	1630	10	10	Therefore, Potential Statistical Outliers are 20800, 4980, 3630, 2530, 2380, 2120, 1810, 1720, 1710, 1630	6	Therefore, Potential Statistical Outliers are 20800, 4980, 3630, 2530, 2380, 2120
0-0.5	Congener PCBs	PCB-56/60	139	ppt	22139	60343	10	10	Therefore, Potential Statistical Outliers are 637000, 208000, 205000, 141000, 79300, 76800, 70300, 67300, 59200, 54000	9	Therefore, Potential Statistical Outliers are 637000, 208000, 205000, 141000, 79300, 76800, 70300, 67300, 59200
0-0.5	Congener PCBs	PCB-57	181	ppt	246.3	628.1	10	10	Therefore, Potential Statistical Outliers are 7910, 2070, 1590, 1140, 1090, 1010, 904, 879, 826, 774	10	Therefore, Potential Statistical Outliers are 7910, 2070, 1590, 1140, 1090, 1010, 904, 879, 826, 774

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Congener PCBs	PCB-58	175	ppt	138.5	346	10	9	Therefore, Potential Statistical Outliers are 4400, 889, 759, 597, 490, 489, 484, 441, 366	9	Therefore, Potential Statistical Outliers are 4400, 889, 759, 597, 490, 489, 484, 441, 366
0-0.5	Congener PCBs	PCB-6	185	ppt	9507	72069	10	10	Therefore, Potential Statistical Outliers are 947000, 223000, 152000, 24200, 18400, 16800, 14700, 11200, 10750, 9260	10	Therefore, Potential Statistical Outliers are 947000, 223000, 152000, 24200, 18400, 16800, 14700, 11200, 10750, 9260
0-0.5	Congener PCBs	PCB-61/70	139	ppt	37528	93676	10	10	Therefore, Potential Statistical Outliers are 957000, 383000, 356000, 154000, 151000, 136000, 132000, 110000, 107000, 105000	10	Therefore, Potential Statistical Outliers are 957000, 383000, 356000, 154000, 151000, 136000, 132000, 110000, 107000, 105000
0-0.5	Congener PCBs	PCB-62	27	ppt	32.13	92.22	10	10	Therefore, Potential Statistical Outliers are 458, 174, 55, 54.9, 37.9, 27.5, 14.8, 13.15, 12.8, 11.5	10	Therefore, Potential Statistical Outliers are 458, 174, 55, 54.9, 37.9, 27.5, 14.8, 13.15, 12.8, 11.5
0-0.5	Congener PCBs	PCB-63	186	ppt	1500	3775	10	10	Therefore, Potential Statistical Outliers are 47200, 13300, 10100, 8810, 7950, 6170, 5960, 5940, 5520, 4280	10	Therefore, Potential Statistical Outliers are 47200, 13300, 10100, 8810, 7950, 6170, 5960, 5940, 5520, 4280
0-0.5	Congener PCBs	PCB-65	39	ppt	69.04	166.7	10	10	Therefore, Potential Statistical Outliers are 1000, 311, 177, 176, 149, 116, 95.2, 89.6, 85.7, 81.8	2	Therefore, Potential Statistical Outliers are 1000, 311
0-0.5	Congener PCBs	PCB-67	186	ppt	1446	4949	10	10	Therefore, Potential Statistical Outliers are 65000, 13100, 10300, 7550, 7110, 5660, 5280, 4660, 4560, 4090	10	Therefore, Potential Statistical Outliers are 65000, 13100, 10300, 7550, 7110, 5660, 5280, 4660, 4560, 4090
0-0.5	Congener PCBs	PCB-68	169	ppt	308.1	663.8	10	10	Therefore, Potential Statistical Outliers are 7700, 3200, 2060, 1040, 1040, 999, 968, 837, 785, 774	7	Therefore, Potential Statistical Outliers are 7700, 3200, 2060, 1040, 1040, 999, 968
0-0.5	Congener PCBs	PCB-7/9	130	ppt	1845	8497	10	10	Therefore, Potential Statistical Outliers are 82400, 48500, 18700, 11600, 4550, 3910, 3870, 3285, 3250, 2940	10	Therefore, Potential Statistical Outliers are 82400, 48500, 18700, 11600, 4550, 3910, 3870, 3285, 3250, 2940
0-0.5	Congener PCBs	PCB-74	154	ppt	16445	53317	10	10	Therefore, Potential Statistical Outliers are 619000, 168000, 133000, 80200, 78600, 67300, 57500, 50400, 48000, 46200	10	Therefore, Potential Statistical Outliers are 619000, 168000, 133000, 80200, 78600, 67300, 57500, 50400, 48000, 46200
0-0.5	Congener PCBs	PCB-76/66	139	ppt	35541	91773	10	10	Therefore, Potential Statistical Outliers are 973000, 314000, 292000, 208000, 144000, 135000, 120000, 95400, 94900, 93300	10	Therefore, Potential Statistical Outliers are 973000, 314000, 292000, 208000, 144000, 135000, 120000, 95400, 94900, 93300
0-0.5	Congener PCBs	PCB-77	273	ppt	4034	8555	10	10	Therefore, Potential Statistical Outliers are 126000, 29000, 28900, 28700, 24000, 21600, 20300, 18000, 15900, 15100	10	Therefore, Potential Statistical Outliers are 126000, 29000, 28900, 28700, 24000, 21600, 20300, 18000, 15900, 15100
0-0.5	Congener PCBs	PCB-78	41	ppt	170.7	345.3	10	4	Therefore, Potential Statistical Outliers are 2120, 737, 539, 368	3	Therefore, Potential Statistical Outliers are 2120, 737, 539
0-0.5	Congener PCBs	PCB-79	164	ppt	382.4	667.1	10	10	Therefore, Potential Statistical Outliers are 6660, 4390, 2010, 1700, 1700, 1210, 1200, 1140, 1110, 1030	5	Therefore, Potential Statistical Outliers are 6660, 4390, 2010, 1700, 1700
0-0.5	Congener PCBs	PCB-81	255	ppt	206.9	457.1	10	10	Therefore, Potential Statistical Outliers are 5030, 3420, 2750, 1590, 1460, 1230, 910, 866, 815, 808	10	Therefore, Potential Statistical Outliers are 5030, 3420, 2750, 1590, 1460, 1230, 910, 866, 815, 808

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Congener PCBs	PCB-82	187	ppt	4314	8108	10	10	Therefore, Potential Statistical Outliers are 93400, 33900, 28100, 27200, 24800, 18500, 15600, 13800, 13000, 12800	7	Therefore, Potential Statistical Outliers are 93400, 33900, 28100, 27200, 24800, 18500, 15600
0-0.5	Congener PCBs	PCB-83	95	ppt	3085	6777	10	10	Therefore, Potential Statistical Outliers are 28500, 27200, 22500, 22400, 21000, 20200, 17400, 16300, 15400, 15200	10	Therefore, Potential Statistical Outliers are 28500, 27200, 22500, 22400, 21000, 20200, 17400, 16300, 15400, 15200
0-0.5	Congener PCBs	PCB-84/92	139	ppt	13239	26212	10	10	Therefore, Potential Statistical Outliers are 225000, 171000, 93600, 64100, 53300, 53100, 45500, 42200, 37650, 36000	8	Therefore, Potential Statistical Outliers are 225000, 171000, 93600, 64100, 53300, 53100, 45500, 42200
0-0.5	Congener PCBs	PCB-85/116	149	ppt	5784	11449	10	10	Therefore, Potential Statistical Outliers are 115000, 51300, 41000, 34400, 28200, 20900, 20900, 18200, 17600, 17500	10	Therefore, Potential Statistical Outliers are 115000, 51300, 41000, 34400, 28200, 20900, 20900, 18200, 17600, 17500
0-0.5	Congener PCBs	PCB-86	145	ppt	1969	5489	10	10	Therefore, Potential Statistical Outliers are 29400, 25600, 23100, 21600, 20900, 18800, 17500, 16000, 15200, 14000	10	Therefore, Potential Statistical Outliers are 29400, 25600, 23100, 21600, 20900, 18800, 17500, 16000, 15200, 14000
0-0.5	Congener PCBs	PCB-87/117/125	139	ppt	10263	19447	10	10	Therefore, Potential Statistical Outliers are 168000, 116000, 73200, 56000, 49400, 46100, 31600, 31600, 30400, 30400	10	Therefore, Potential Statistical Outliers are 168000, 116000, 73200, 56000, 49400, 46100, 31600, 31600, 30400, 30400
0-0.5	Congener PCBs	PCB-88/91	163	ppt	5963	11744	10	8	Therefore, Potential Statistical Outliers are 132000, 45100, 40300, 30100, 21600, 19400, 18600, 18000	5	Therefore, Potential Statistical Outliers are 132000, 45100, 40300, 30100, 21600
0-0.5	Congener PCBs	PCB-89	184	ppt	606.3	1449	10	10	Therefore, Potential Statistical Outliers are 16600, 7230, 5680, 4230, 3610, 2620, 2070, 1770, 1750, 1610	9	Therefore, Potential Statistical Outliers are 16600, 7230, 5680, 4230, 3610, 2620, 2070, 1770, 1750
0-0.5	Congener PCBs	PCB-90/101	143	ppt	30571	51938	10	10	Therefore, Potential Statistical Outliers are 397000, 386000, 183000, 136000, 128000, 125000, 102000, 97800, 97800, 91450	10	Therefore, Potential Statistical Outliers are 397000, 386000, 183000, 136000, 128000, 125000, 102000, 97800, 97800, 91450
0-0.5	Congener PCBs	PCB-94	184	ppt	415.6	618.6	10	10	Therefore, Potential Statistical Outliers are 5200, 3280, 2890, 2880, 2350, 1850, 1740, 1610, 1430, 1390	8	Therefore, Potential Statistical Outliers are 5200, 3280, 2890, 2880, 2350, 1850, 1740, 1610
0-0.5	Congener PCBs	PCB-95/98/102	139	ppt	24217	47440	10	10	Therefore, Potential Statistical Outliers are 380000, 347000, 154000, 111000, 102000, 98600, 82100, 76600, 74600, 71050	10	Therefore, Potential Statistical Outliers are 380000, 347000, 154000, 111000, 102000, 98600, 82100, 76600, 74600, 71050
0-0.5	Congener PCBs	PCB-96	182	ppt	392.4	708	10	9	Therefore, Potential Statistical Outliers are 7680, 2930, 2790, 2320, 1950, 1680, 1560, 1430, 1350	8	Therefore, Potential Statistical Outliers are 7680, 2930, 2790, 2320, 1950, 1680, 1560, 1430
0-0.5	Congener PCBs	PCB-97	154	ppt	8851	18232	10	10	Therefore, Potential Statistical Outliers are 177000, 96700, 72400, 50900, 39200, 35700, 33300, 32500, 26750, 26500	8	Therefore, Potential Statistical Outliers are 177000, 96700, 72400, 50900, 39200, 35700, 33300, 32500
0-0.5	Congener PCBs	PCB-99	163	ppt	15579	29756	10	10	Therefore, Potential Statistical Outliers are 277000, 195000, 96800, 95800, 72500, 60900, 55600, 53400, 53200, 50300	10	Therefore, Potential Statistical Outliers are 277000, 195000, 96800, 95800, 72500, 60900, 55600, 53400, 53200, 50300

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Congener PCBs	Total Congener PCBs (209)	187	ppt	1109960	2446760	10	9	Therefore, Potential Statistical Outliers are 27500000, 15500000, 7700000, 6960000, 4620000, 4040000, 3710000, 3670000, 3270000	8	Therefore, Potential Statistical Outliers are 27500000, 15500000, 7700000, 6960000, 4620000, 4040000, 3710000, 3670000
0-0.5	Congener PCBs	Total Congener PCBs (NOAA 1989)	167	ppt	799363	1745198	10	10	Therefore, Potential Statistical Outliers are 17300000, 11900000, 5520000, 5330000, 3180000, 3010000, 2740000, 2590000, 2470000, 2420000	10	Therefore, Potential Statistical Outliers are 17300000, 11900000, 5520000, 5330000, 3180000, 3010000, 2740000, 2590000, 2470000, 2420000
0-0.5	Pesticides	2,4'-DDD	65	ppb	25.23	53.69	10	10	Therefore, Potential Statistical Outliers are 400, 170, 74, 65, 64, 56, 49, 47, 46, 46	2	Therefore, Potential Statistical Outliers are 400, 170
0-0.5	Pesticides	2,4'-DDE	65	ppb	12.55	17.64	10	10	Therefore, Potential Statistical Outliers are 98, 83, 54, 49, 33, 31, 28, 26, 26, 25	4	Therefore, Potential Statistical Outliers are 98, 83, 54, 49
0-0.5	Pesticides	2,4'-DDT	62	ppb	3.836	9.613	10	9	Therefore, Potential Statistical Outliers are 56, 52, 13, 10, 9.34, 8.41, 7.8, 6.44, 6	9	Therefore, Potential Statistical Outliers are 56, 52, 13, 10, 9.34, 8.41, 7.8, 6.44, 6
0-0.5	Pesticides	4,4'-DDD	165	ppb	48.34	97.72	10	10	Therefore, Potential Statistical Outliers are 1000, 510, 320, 320, 260, 200, 170, 160, 160, 150	9	Therefore, Potential Statistical Outliers are 1000, 510, 320, 320, 260, 200, 170, 160, 160
0-0.5	Pesticides	4,4'-DDE	212	ppb	49.11	82.88	10	10	Therefore, Potential Statistical Outliers are 1000, 340, 290, 260, 250, 200, 200, 200, 180, 170	10	Therefore, Potential Statistical Outliers are 1000, 340, 290, 260, 250, 200, 200, 200, 180, 170
0-0.5	Pesticides	4,4'-DDT	110	ppb	78.53	264.6	10	10	Therefore, Potential Statistical Outliers are 1900, 1800, 800, 560, 290, 280, 270, 250, 190, 190	10	Therefore, Potential Statistical Outliers are 1900, 1800, 800, 560, 290, 280, 270, 250, 190, 190
0-0.5	Pesticides	Aldrin	58	ppb	1.579	2.874	10	10	Therefore, Potential Statistical Outliers are 16, 12, 7.5, 5.8, 5.3, 4, 3.82, 3.8, 3.7, 3.3	10	Therefore, Potential Statistical Outliers are 16, 12, 7.5, 5.8, 5.3, 4, 3.82, 3.8, 3.7, 3.3
0-0.5	Pesticides	Alpha-BHC	67	ppb	4.429	9.393	10	10	Therefore, Potential Statistical Outliers are 40, 38, 34, 29, 23, 19, 18, 18, 17, 12	10	Therefore, Potential Statistical Outliers are 40, 38, 34, 29, 23, 19, 18, 18, 17, 12
0-0.5	Pesticides	Alpha-Chlordane	109	ppb	14.25	18.66	10	3	Therefore, Potential Statistical Outliers are 120, 97, 68	3	Therefore, Potential Statistical Outliers are 120, 97, 68
0-0.5	Pesticides	Beta-BHC	63	ppb	3.717	13.07	10	8	Therefore, Potential Statistical Outliers are 76, 71, 20, 8.9, 6.1, 6.1, 4.6, 3.7	7	Therefore, Potential Statistical Outliers are 76, 71, 20, 8.9, 6.1, 6.1, 4.6
0-0.5	Pesticides	Delta-BHC	61	ppb	1.789	2.699	10	2	Therefore, Potential Statistical Outliers are 13, 10	2	Therefore, Potential Statistical Outliers are 13, 10
0-0.5	Pesticides	Dieldrin	97	ppb	8.031	10.72	10	3	Therefore, Potential Statistical Outliers are 70, 67, 33	3	Therefore, Potential Statistical Outliers are 70, 67, 33
0-0.5	Pesticides	Endosulfan II	40	ppb	7.782	15.57	10	10	Therefore, Potential Statistical Outliers are 79, 42, 35, 30, 29, 15.95, 15, 14, 11, 6.8	10	Therefore, Potential Statistical Outliers are 79, 42, 35, 30, 29, 15.95, 15, 14, 11, 6.8
0-0.5	Pesticides	Endosulfan Sulfate	58	ppb	2.238	7.428	10	10	Therefore, Potential Statistical Outliers are 56, 6.6, 6.5, 5.6, 5.1, 5.1, 5, 4.9, 4.2, 4.2	10	Therefore, Potential Statistical Outliers are 56, 6.6, 6.5, 5.6, 5.1, 5.1, 5, 4.9, 4.2, 4.2
0-0.5	Pesticides	Endrin	42	ppb	9.717	20.1	10	10	Therefore, Potential Statistical Outliers are 120, 44, 26, 24, 24, 22, 22, 19, 16, 15	2	Therefore, Potential Statistical Outliers are 120, 44

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Pesticides	Endrin Aldehyde	42	ppb	21.6	32.78	10	4	Therefore, Potential Statistical Outliers are 150, 140, 80, 58	3	Therefore, Potential Statistical Outliers are 150, 140, 80
0-0.5	Pesticides	Endrin Ketone	47	ppb	10.43	17	10	9	Therefore, Potential Statistical Outliers are 71, 64, 47, 38, 30, 29, 27, 27, 26	2	Therefore, Potential Statistical Outliers are 71, 64
0-0.5	Pesticides	Gamma-BHC (Lindane)	34	ppb	1.125	3.18	10	9	Therefore, Potential Statistical Outliers are 16, 9.8, 3.7, 2.2, 1.9, 1.2, 0.86, 0.41, 0.39	9	Therefore, Potential Statistical Outliers are 16, 9.8, 3.7, 2.2, 1.9, 1.2, 0.86, 0.41, 0.39
0-0.5	Pesticides	Gamma-Chlordane	83	ppb	15.97	19.98	10	4	Therefore, Potential Statistical Outliers are 130, 110, 63, 46	3	Therefore, Potential Statistical Outliers are 130, 110, 63
0-0.5	Pesticides	Heptachlor	60	ppb	2.68	8.913	10	10	Therefore, Potential Statistical Outliers are 62, 28, 13, 12, 8.8, 5, 4.8, 3.8, 3, 2.9	10	Therefore, Potential Statistical Outliers are 62, 28, 13, 12, 8.8, 5, 4.8, 3.8, 3, 2.9
0-0.5	Pesticides	Heptachlor Epoxide	85	ppb	5.488	15.56	10	10	Therefore, Potential Statistical Outliers are 140, 22, 21, 18, 15, 15, 15, 13, 12, 12	3	Therefore, Potential Statistical Outliers are 140, 22, 21
0-0.5	Pesticides	Hexachlorobenzene	48	ppb	6.386	8.425	10	5	Therefore, Potential Statistical Outliers are 43, 42, 16.4, 14, 14	2	Therefore, Potential Statistical Outliers are 43, 42
0-0.5	Pesticides	Methoxychlor	33	ppb	15.09	37.26	10	1	Therefore, Observation 210 is a Potential Statistical Outlier	1	Therefore, Observation 210 is a Potential Statistical Outlier
0-0.5	Pesticides	Total Alpha + Gamma Chlordane	104	ppb	25.14	37.23	10	4	Therefore, Potential Statistical Outliers are 230, 230, 130, 97	3	Therefore, Potential Statistical Outliers are 230, 230, 130
0-0.5	Pesticides	Total DDT (2,4' & 4,4')	65	ppb	201.9	552.2	10	8	Therefore, Potential Statistical Outliers are 3700, 2300, 1200, 850, 520, 460, 300, 270	6	Therefore, Potential Statistical Outliers are 3700, 2300, 1200, 850, 520, 460
0-0.5	Pesticides	Total DDT (2,4')	42	ppb	45.49	90.52	10	8	Therefore, Potential Statistical Outliers are 550, 220, 140, 110, 95, 78, 76, 69	8	Therefore, Potential Statistical Outliers are 550, 220, 140, 110, 95, 78, 76, 69
0-0.5	Pesticides	Total DDT (4,4')	220	ppb	122.7	296.6	10	10	Therefore, Potential Statistical Outliers are 3200, 2200, 1100, 1100, 1000, 800, 630, 600, 490, 440	10	Therefore, Potential Statistical Outliers are 3200, 2200, 1100, 1100, 1000, 800, 630, 600, 490, 440
0-0.5	Semivolatiles	1,2,4-Trichlorobenzene	29	ppb	63.67	39.02	10	1	Therefore, Observation 180 is a Potential Statistical Outlier	0	No Outlier
0-0.5	Semivolatiles	1,4-Dichlorobenzene	66	ppb	95	58.61	10	0	No Outlier	0	No Outlier
0-0.5	Semivolatiles	2-Methylnaphthalene	219	ppb	1021	7004	10	10	Therefore, Potential Statistical Outliers are 95000, 31000, 25000, 13000, 9000, 4200, 3100, 2900, 2200, 2020	10	Therefore, Potential Statistical Outliers are 95000, 31000, 25000, 13000, 9000, 4200, 3100, 2900, 2200, 2020
0-0.5	Semivolatiles	4-Bromophenyl phenyl ether	26	ppb	0.322	0.202	10	4	Therefore, Potential Statistical Outliers are 0.812, 0.716, 0.71, 0.66	0	No Outlier
0-0.5	Semivolatiles	4-Chloroaniline	51	ppb	137.3	120.1	10	6	Therefore, Potential Statistical Outliers are 560, 410, 380, 380, 370, 340	1	Therefore, Observation 560 is a Potential Statistical Outlier
0-0.5	Semivolatiles	4-Methylphenol	42	ppb	69	48.77	10	3	Therefore, Potential Statistical Outliers are 220, 200, 180	0	No Outlier
0-0.5	Semivolatiles	Acenaphthene	236	ppb	1965	13312	10	10	Therefore, Potential Statistical Outliers are 180000, 88000, 31000, 29000, 12000, 11000, 8400, 7150, 5900, 5700	10	Therefore, Potential Statistical Outliers are 180000, 88000, 31000, 29000, 12000, 11000, 8400, 7150, 5900, 5700

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Semivolatiles	Acenaphthylene	286	ppb	793.8	3086	10	10	Therefore, Potential Statistical Outliers are 42000, 20000, 17000, 16000, 6000, 4200, 3600, 3400, 2600, 2400	10	Therefore, Potential Statistical Outliers are 42000, 20000, 17000, 16000, 6000, 4200, 3600, 3400, 2600, 2400
0-0.5	Semivolatiles	Anthracene	296	ppb	2382	15900	10	10	Therefore, Potential Statistical Outliers are 260000, 77000, 30000, 19000, 17800, 13000, 12000, 8700, 7900, 7400	10	Therefore, Potential Statistical Outliers are 260000, 77000, 30000, 19000, 17800, 13000, 12000, 8700, 7900, 7400
0-0.5	Semivolatiles	Benzaldehyde	35	ppb	92.27	52.14	10	2	Therefore, Potential Statistical Outliers are 270, 230	2	Therefore, Potential Statistical Outliers are 270, 230
0-0.5	Semivolatiles	Benzo(a)anthracene	309	ppb	3107	9363	10	10	Therefore, Potential Statistical Outliers are 140000, 64000, 41000, 22000, 20000, 18000, 16000, 15000, 13000, 13000	10	Therefore, Potential Statistical Outliers are 140000, 64000, 41000, 22000, 20000, 18000, 16000, 15000, 13000, 13000
0-0.5	Semivolatiles	Benzo(a)pyrene	309	ppb	2893	6444	10	10	Therefore, Potential Statistical Outliers are 88000, 49000, 35500, 21000, 15000, 14000, 14000, 13000, 12500, 11000	10	Therefore, Potential Statistical Outliers are 88000, 49000, 35500, 21000, 15000, 14000, 14000, 13000, 12500, 11000
0-0.5	Semivolatiles	Benzo(b)fluoranthene	295	ppb	2867	5517	10	10	Therefore, Potential Statistical Outliers are 62000, 45000, 35500, 23000, 19000, 18000, 15000, 13100, 13000, 13000	10	Therefore, Potential Statistical Outliers are 62000, 45000, 35500, 23000, 19000, 18000, 15000, 13100, 13000, 13000
0-0.5	Semivolatiles	Benzo(g,h,i)perylene	304	ppb	1438	2624	10	10	Therefore, Potential Statistical Outliers are 31000, 22000, 18400, 7400, 6990, 6700, 5870, 5800, 5300, 5200	8	Therefore, Potential Statistical Outliers are 31000, 22000, 18400, 7400, 6990, 6700, 5870, 5800
0-0.5	Semivolatiles	Benzo(k)fluoranthene	304	ppb	1991	3895	10	10	Therefore, Potential Statistical Outliers are 58000, 18000, 16000, 13000, 12900, 9300, 8600, 8400, 7900, 7300	10	Therefore, Potential Statistical Outliers are 58000, 18000, 16000, 13000, 12900, 9300, 8600, 8400, 7900, 7300
0-0.5	Semivolatiles	Biphenyl	50	ppb	413.5	1927	10	3	Therefore, Potential Statistical Outliers are 13000, 4600, 280	3	Therefore, Potential Statistical Outliers are 13000, 4600, 280
0-0.5	Semivolatiles	bis(2-Ethylhexyl)phthalate	220	ppb	6041	9490	10	10	Therefore, Potential Statistical Outliers are 71000, 68500, 51000, 44000, 36000, 35000, 29000, 28000, 25000, 24000	10	Therefore, Potential Statistical Outliers are 71000, 68500, 51000, 44000, 36000, 35000, 29000, 28000, 25000, 24000
0-0.5	Semivolatiles	Butyl benzyl phthalate	87	ppb	258.2	561.4	10	5	Therefore, Potential Statistical Outliers are 5100, 1100, 760, 740, 700	2	Therefore, Potential Statistical Outliers are 5100, 1100
0-0.5	Semivolatiles	Carbazole	143	ppb	204.2	457.3	10	5	Therefore, Potential Statistical Outliers are 4000, 3000, 2300, 930, 710	5	Therefore, Potential Statistical Outliers are 4000, 3000, 2300, 930, 710
0-0.5	Semivolatiles	Chrysene	309	ppb	3497	9684	10	10	Therefore, Potential Statistical Outliers are 140000, 62000, 46200, 45000, 22000, 20000, 17200, 17000, 15000, 15000	10	Therefore, Potential Statistical Outliers are 140000, 62000, 46200, 45000, 22000, 20000, 17200, 17000, 15000, 15000
0-0.5	Semivolatiles	Dibenzo(a,h)anthracene	261	ppb	465.5	861.4	10	10	Therefore, Potential Statistical Outliers are 10000, 6700, 4700, 2900, 2200, 2100, 1900, 1800, 1800, 1700	10	Therefore, Potential Statistical Outliers are 10000, 6700, 4700, 2900, 2200, 2100, 1900, 1800, 1800, 1700

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Semivolatiles	Dibenzofuran	134	ppb	626.4	3856	10	10	Therefore, Potential Statistical Outliers are 43000, 12000, 3900, 2100, 1900, 1800, 1600, 1600, 1400, 940	10	Therefore, Potential Statistical Outliers are 43000, 12000, 3900, 2100, 1900, 1800, 1600, 1600, 1400, 940
0-0.5	Semivolatiles	Di-n-Butylphthalate	32	ppb	793.3	1330	10	10	Therefore, Potential Statistical Outliers are 5100, 4400, 3700, 2700, 1600, 1500, 1200, 940, 730, 680	10	Therefore, Potential Statistical Outliers are 5100, 4400, 3700, 2700, 1600, 1500, 1200, 940, 730, 680
0-0.5	Semivolatiles	Di-n-Octylphthalate	47	ppb	465.9	579.3	10	3	Therefore, Potential Statistical Outliers are 3300, 1820, 1700	3	Therefore, Potential Statistical Outliers are 3300, 1820, 1700
0-0.5	Semivolatiles	Fluoranthene	310	ppb	6672	25195	10	10	Therefore, Potential Statistical Outliers are 360000, 210000, 120000, 73400, 47000, 38000, 35000, 32000, 27000, 25000	10	Therefore, Potential Statistical Outliers are 360000, 210000, 120000, 73400, 47000, 38000, 35000, 32000, 27000, 25000
0-0.5	Semivolatiles	Fluorene	236	ppb	1301	9443	10	10	Therefore, Potential Statistical Outliers are 130000, 57000, 30000, 11000, 9400, 5770, 4120, 2000, 2000, 1800	10	Therefore, Potential Statistical Outliers are 130000, 57000, 30000, 11000, 9400, 5770, 4120, 2000, 2000, 1800
0-0.5	Semivolatiles	Indeno(1,2,3-cd)pyrene	297	ppb	1356	2753	10	10	Therefore, Potential Statistical Outliers are 38000, 19000, 14600, 6700, 6300, 6000, 5490, 4900, 4700, 4700	7	Therefore, Potential Statistical Outliers are 38000, 19000, 14600, 6700, 6300, 6000, 5490
0-0.5	Semivolatiles	Naphthalene	261	ppb	2819	21854	10	10	Therefore, Potential Statistical Outliers are 320000, 120000, 73000, 59000, 14000, 12000, 8400, 6400, 4700, 4200	10	Therefore, Potential Statistical Outliers are 320000, 120000, 73000, 59000, 14000, 12000, 8400, 6400, 4700, 4200
0-0.5	Semivolatiles	Phenanthrene	301	ppb	5233	38086	10	10	Therefore, Potential Statistical Outliers are 610000, 220000, 94000, 69200, 48000, 44000, 41000, 31000, 26000, 19900	10	Therefore, Potential Statistical Outliers are 610000, 220000, 94000, 69200, 48000, 44000, 41000, 31000, 26000, 19900
0-0.5	Semivolatiles	Pyrene	309	ppb	6531	21982	10	10	Therefore, Potential Statistical Outliers are 320000, 150000, 120000, 76500, 52000, 39000, 34000, 30000, 25000, 23100	10	Therefore, Potential Statistical Outliers are 320000, 150000, 120000, 76500, 52000, 39000, 34000, 30000, 25000, 23100
0-0.5	Semivolatiles	Total HMW PAHs-SVOC	286	ppb	28943	84392	10	10	Therefore, Potential Statistical Outliers are 1200000, 530000, 470000, 190000, 160000, 150000, 140000, 120000, 110000, 110000	10	Therefore, Potential Statistical Outliers are 1200000, 530000, 470000, 190000, 160000, 150000, 140000, 120000, 110000, 110000
0-0.5	Semivolatiles	Total LMW PAHs-SVOC	270	ppb	14459	95970	10	10	Therefore, Potential Statistical Outliers are 1300000, 640000, 610000, 170000, 110000, 82000, 44000, 44000, 38000, 37000	10	Therefore, Potential Statistical Outliers are 1300000, 640000, 610000, 170000, 110000, 82000, 44000, 44000, 38000, 37000
0-0.5	Semivolatiles	TOTAL PAHs - SVOC	261	ppb	43455	179798	10	10	Therefore, Potential Statistical Outliers are 2500000, 1100000, 830000, 520000, 250000, 200000, 190000, 190000, 180000, 170000	10	Therefore, Potential Statistical Outliers are 2500000, 1100000, 830000, 520000, 250000, 200000, 190000, 190000, 180000, 170000
0-0.5	TPH	Total Petroleum Hydrocarbons	129	ppm	1485	1485	10	4	Therefore, Potential Statistical Outliers are 9700, 8000, 5800, 5400	2	Therefore, Potential Statistical Outliers are 9700, 8000
0-0.5	Volatiles	2-Butanone	32	ppb	27.69	26.77	10	3	Therefore, Potential Statistical Outliers are 120, 104.5, 69	2	Therefore, Potential Statistical Outliers are 120, 104.5
0-0.5	Volatiles	Acetone	81	ppb	79.44	93.94	10	4	Therefore, Potential Statistical Outliers are 580, 475, 300, 270	4	Therefore, Potential Statistical Outliers are 580, 475, 300, 270

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0-0.5	Volatiles	Carbon Disulfide	63	ppb	11.11	21.4	10	7	Therefore, Potential Statistical Outliers are 140, 81.5, 47, 42, 35, 34, 26	7	Therefore, Potential Statistical Outliers are 140, 81.5, 47, 42, 35, 34, 26
0-0.5	Volatiles	Chlorobenzene	32	ppb	11.76	14.47	10	9	Therefore, Potential Statistical Outliers are 52, 45, 42, 32, 30, 28, 28, 14, 14	7	Therefore, Potential Statistical Outliers are 52, 45, 42, 32, 30, 28, 28
0.5-3.5	Cyanide	Total Cyanide	157	ppm	1.384	3.01	10	10	Therefore, Potential Statistical Outliers are 26.2, 17.4, 16, 9.9, 7.5, 6.35, 5.36, 5.1, 4.88, 4.5	10	Therefore, Potential Statistical Outliers are 26.2, 17.4, 16, 9.9, 7.5, 6.35, 5.36, 5.1, 4.88, 4.5
0.5-3.5	Dioxins/Furans	1,2,3,4,6,7,8-HpCDD	369	ppt	522.9	1338	10	4	Therefore, Potential Statistical Outliers are 23900, 5630, 3820, 2140	3	Therefore, Potential Statistical Outliers are 23900, 5630, 3820
0.5-3.5	Dioxins/Furans	1,2,3,4,6,7,8-HpCDF	366	ppt	523.5	1055	10	10	Therefore, Potential Statistical Outliers are 16700, 5170, 4250, 4020, 3170, 3120, 3090, 2650, 2490, 2250	10	Therefore, Potential Statistical Outliers are 16700, 5170, 4250, 4020, 3170, 3120, 3090, 2650, 2490, 2250
0.5-3.5	Dioxins/Furans	1,2,3,4,7,8,9-HpCDF	315	ppt	22.47	27.24	10	10	Therefore, Potential Statistical Outliers are 292, 215, 113, 106, 97.7, 87.3, 86.4, 85.2, 83, 82.7	5	Therefore, Potential Statistical Outliers are 292, 215, 113, 106, 97.7
0.5-3.5	Dioxins/Furans	1,2,3,4,7,8-HxCDD	335	ppt	5.647	5.102	10	4	Therefore, Potential Statistical Outliers are 31, 30.6, 25.2, 23.1	3	Therefore, Potential Statistical Outliers are 31, 30.6, 25.2
0.5-3.5	Dioxins/Furans	1,2,3,4,7,8-HxCDF	360	ppt	119.7	236.5	10	10	Therefore, Potential Statistical Outliers are 3770, 1060, 904, 798, 720, 703, 689, 567, 520, 478	9	Therefore, Potential Statistical Outliers are 3770, 1060, 904, 798, 720, 703, 689, 567, 520
0.5-3.5	Dioxins/Furans	1,2,3,6,7,8-HxCDD	354	ppt	30.69	43.01	10	3	Therefore, Potential Statistical Outliers are 598, 147, 144	1	Therefore, Observation 598 is a Potential Statistical Outlier
0.5-3.5	Dioxins/Furans	1,2,3,6,7,8-HxCDF	346	ppt	34.23	55.15	10	10	Therefore, Potential Statistical Outliers are 868, 212, 168, 161, 158, 147, 144, 139, 129, 127	7	Therefore, Potential Statistical Outliers are 868, 212, 168, 161, 158, 147, 144
0.5-3.5	Dioxins/Furans	1,2,3,7,8,9-HxCDD	350	ppt	16.26	18.58	10	2	Therefore, Potential Statistical Outliers are 240, 74.5	2	Therefore, Potential Statistical Outliers are 240, 74.5
0.5-3.5	Dioxins/Furans	1,2,3,7,8,9-HxCDF	218	ppt	5.758	8.318	10	9	Therefore, Potential Statistical Outliers are 89.4, 35.1, 28.8, 28.8, 28.8, 25.7, 24.8, 22.7, 21	7	Therefore, Potential Statistical Outliers are 89.4, 35.1, 28.8, 28.8, 28.8, 25.7, 24.8
0.5-3.5	Dioxins/Furans	1,2,3,7,8-PeCDD	338	ppt	6.524	6.864	10	6	Therefore, Potential Statistical Outliers are 45.7, 37, 34.3, 31.2, 29.5, 29.2	3	Therefore, Potential Statistical Outliers are 45.7, 37, 34.3
0.5-3.5	Dioxins/Furans	1,2,3,7,8-PeCDF	341	ppt	16.38	20.21	10	10	Therefore, Potential Statistical Outliers are 269, 87.4, 76.6, 71.4, 69.2, 68.8, 68.3, 65.2, 64.8, 61.2	3	Therefore, Potential Statistical Outliers are 269, 87.4, 76.6
0.5-3.5	Dioxins/Furans	2,3,4,6,7,8-HxCDF	338	ppt	19.44	23.47	10	9	Therefore, Potential Statistical Outliers are 299, 109, 97.1, 95.5, 90.3, 88.2, 77.2, 77.2, 76.3	6	Therefore, Potential Statistical Outliers are 299, 109, 97.1, 95.5, 90.3, 88.2
0.5-3.5	Dioxins/Furans	2,3,4,7,8-PeCDF	339	ppt	29.91	41.04	10	10	Therefore, Potential Statistical Outliers are 504, 235, 211, 185, 174, 164, 155, 148, 140, 107	9	Therefore, Potential Statistical Outliers are 504, 235, 211, 185, 174, 164, 155, 148, 140
0.5-3.5	Dioxins/Furans	2,3,7,8-TCDD	344	ppt	267.3	734.6	10	10	Therefore, Potential Statistical Outliers are 8170, 7270, 4350, 3160, 2900, 2680, 2570, 1850, 1760, 1750	10	Therefore, Potential Statistical Outliers are 8170, 7270, 4350, 3160, 2900, 2680, 2570, 1850, 1760, 1750
0.5-3.5	Dioxins/Furans	2,3,7,8-TCDF	341	ppt	29.22	40.14	10	10	Therefore, Potential Statistical Outliers are 535, 209, 190, 155, 143, 142, 135, 121, 119, 115	10	Therefore, Potential Statistical Outliers are 535, 209, 190, 155, 143, 142, 135, 121, 119, 115

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Dioxins/Furans	OCDD	378	ppt	5051	10301	10	7	Therefore, Potential Statistical Outliers are 176000, 58500, 34700, 22900, 20300, 20100, 20100	4	Therefore, Potential Statistical Outliers are 176000, 58500, 34700, 22900
0.5-3.5	Dioxins/Furans	OCDF	354	ppt	978.9	2023	10	10	Therefore, Potential Statistical Outliers are 25800, 22900, 7100, 5180, 5050, 4890, 4710, 4690, 4630, 4020	10	Therefore, Potential Statistical Outliers are 25800, 22900, 7100, 5180, 5050, 4890, 4710, 4690, 4630, 4020
0.5-3.5	Dioxins/Furans	Total HpCDD	371	ppt	1183	2168	10	4	Therefore, Potential Statistical Outliers are 36100, 10100, 6000, 5370	3	Therefore, Potential Statistical Outliers are 36100, 10100, 6000
0.5-3.5	Dioxins/Furans	Total HpCDF	367	ppt	803.7	1625	10	10	Therefore, Potential Statistical Outliers are 20500, 18800, 6310, 5030, 4370, 4170, 4050, 3820, 3620, 3270	10	Therefore, Potential Statistical Outliers are 20500, 18800, 6310, 5030, 4370, 4170, 4050, 3820, 3620, 3270
0.5-3.5	Dioxins/Furans	Total HxCDD	374	ppt	275.5	306.1	10	3	Therefore, Potential Statistical Outliers are 3010, 1640, 1410	3	Therefore, Potential Statistical Outliers are 3010, 1640, 1410
0.5-3.5	Dioxins/Furans	Total HxCDF	366	ppt	474.8	753.3	10	10	Therefore, Potential Statistical Outliers are 10600, 4880, 3230, 2960, 2750, 2530, 2430, 2420, 2110, 2010	10	Therefore, Potential Statistical Outliers are 10600, 4880, 3230, 2960, 2750, 2530, 2430, 2420, 2110, 2010
0.5-3.5	Dioxins/Furans	Total PeCDD	362	ppt	76.84	84.48	10	7	Therefore, Potential Statistical Outliers are 665, 443, 411, 375, 362, 356, 346	3	Therefore, Potential Statistical Outliers are 665, 443, 411
0.5-3.5	Dioxins/Furans	Total PeCDF	364	ppt	528.1	755.4	10	10	Therefore, Potential Statistical Outliers are 6790, 5930, 4540, 4430, 3640, 3380, 2940, 2440, 2340, 2310	8	Therefore, Potential Statistical Outliers are 6790, 5930, 4540, 4430, 3640, 3380, 2940, 2440
0.5-3.5	Dioxins/Furans	Total TCDD	362	ppt	356.5	830.5	10	10	Therefore, Potential Statistical Outliers are 9420, 8090, 4900, 4100, 3510, 3060, 3000, 2360, 2150, 2080	10	Therefore, Potential Statistical Outliers are 9420, 8090, 4900, 4100, 3510, 3060, 3000, 2360, 2150, 2080
0.5-3.5	Dioxins/Furans	Total TCDF	368	ppt	780.2	1235	10	10	Therefore, Potential Statistical Outliers are 11800, 7850, 7060, 7040, 6210, 5580, 4470, 4360, 4350, 4300	10	Therefore, Potential Statistical Outliers are 11800, 7850, 7060, 7040, 6210, 5580, 4470, 4360, 4350, 4300
0.5-3.5	Herbicides	2,4,5-T	37	ppb	54.62	47.66	10	3	Therefore, Potential Statistical Outliers are 230, 160, 150	1	Therefore, Observation 230 is a Potential Statistical Outlier
0.5-3.5	Herbicides	2,4,5-TP (Silvex)	50	ppb	60.09	59.34	10	4	Therefore, Potential Statistical Outliers are 260, 240, 210, 180	3	Therefore, Potential Statistical Outliers are 260, 240, 210
0.5-3.5	Herbicides	2,4-D	58	ppb	153.9	150.4	10	5	Therefore, Potential Statistical Outliers are 840, 610, 570, 440, 420	5	Therefore, Potential Statistical Outliers are 840, 610, 570, 440, 420
0.5-3.5	Herbicides	2,4-DB	34	ppb	213.8	219.9	10	5	Therefore, Potential Statistical Outliers are 940, 710, 650, 620, 460	4	Therefore, Potential Statistical Outliers are 940, 710, 650, 620
0.5-3.5	Metals	Aluminum	403	ppm	14815	4955	10	2	Therefore, Potential Statistical Outliers are 51200, 39500	2	Therefore, Potential Statistical Outliers are 51200, 39500
0.5-3.5	Metals	Antimony	136	ppm	6.766	40.72	10	8	Therefore, Potential Statistical Outliers are 428.5, 166, 136, 6, 5.8, 5.6, 5.6, 4.9	8	Therefore, Potential Statistical Outliers are 428.5, 166, 136, 6, 5.8, 5.6, 5.6, 4.9
0.5-3.5	Metals	Arsenic	398	ppm	22.88	23.26	10	7	Therefore, Potential Statistical Outliers are 197, 152, 140, 136, 102, 94.5, 91.9	5	Therefore, Potential Statistical Outliers are 197, 152, 140, 136, 102
0.5-3.5	Metals	Barium	405	ppm	222.8	368.6	10	10	Therefore, Potential Statistical Outliers are 3110, 3020, 2680, 2520, 2320, 2230, 2160, 1910, 1630, 1570	10	Therefore, Potential Statistical Outliers are 3110, 3020, 2680, 2520, 2320, 2230, 2160, 1910, 1630, 1570

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Metals	Beryllium	379	ppm	0.79	0.311	10	2	Therefore, Potential Statistical Outliers are 3.6, 2.7	2	Therefore, Potential Statistical Outliers are 3.6, 2.7
0.5-3.5	Metals	Cadmium	340	ppm	4.692	4.558	10	3	Therefore, Potential Statistical Outliers are 28.4, 25.8, 21.3	2	Therefore, Potential Statistical Outliers are 28.4, 25.8
0.5-3.5	Metals	Calcium	391	ppm	7530	7118	10	10	Therefore, Potential Statistical Outliers are 82000, 71300, 60500, 39100, 31200, 28100, 25500, 24400, 24250, 19900	9	Therefore, Potential Statistical Outliers are 82000, 71300, 60500, 39100, 31200, 28100, 25500, 24400, 24250
0.5-3.5	Metals	Chromium	632	ppm	284.1	432.2	10	10	Therefore, Potential Statistical Outliers are 6940, 2550, 2400, 2190, 2170, 2090, 1900, 1890, 1880, 1700	10	Therefore, Potential Statistical Outliers are 6940, 2550, 2400, 2190, 2170, 2090, 1900, 1890, 1880, 1700
0.5-3.5	Metals	Cobalt	403	ppm	10.8	3.497	10	3	Therefore, Potential Statistical Outliers are 32.8, 25.6, 23.1	2	Therefore, Potential Statistical Outliers are 32.8, 25.6
0.5-3.5	Metals	Copper	401	ppm	219.5	200.5	10	9	Therefore, Potential Statistical Outliers are 1450, 1170, 1130, 1050, 934, 872, 847, 845, 837	4	Therefore, Potential Statistical Outliers are 1450, 1170, 1130, 1050
0.5-3.5	Metals	Iron	403	ppm	30674	9290	10	3	Therefore, Potential Statistical Outliers are 86800, 72950, 69400	3	Therefore, Potential Statistical Outliers are 86800, 72950, 69400
0.5-3.5	Metals	Lead	402	ppm	225.9	195.3	10	8	Therefore, Potential Statistical Outliers are 1380, 1240, 1070, 960, 952, 951, 892, 860	6	Therefore, Potential Statistical Outliers are 1380, 1240, 1070, 960, 952, 951
0.5-3.5	Metals	Magnesium	403	ppm	7317	2354	10	1	Therefore, Observation 21800 is a Potential Statistical Outlier	1	Therefore, Observation 21800 is a Potential Statistical Outlier
0.5-3.5	Metals	Manganese	404	ppm	425.4	156	10	1	Therefore, Observation 1320 is a Potential Statistical Outlier	1	Therefore, Observation 1320 is a Potential Statistical Outlier
0.5-3.5	Metals	Mercury	381	ppm	9.045	44.93	10	10	Therefore, Potential Statistical Outliers are 758, 292, 282, 161, 94.2, 54.95, 49.6, 46.3, 30.9, 28.3	10	Therefore, Potential Statistical Outliers are 758, 292, 282, 161, 94.2, 54.95, 49.6, 46.3, 30.9, 28.3
0.5-3.5	Metals	Nickel	404	ppm	41.47	19.72	10	1	Therefore, Observation 121 is a Potential Statistical Outlier	0	No Outlier
0.5-3.5	Metals	Potassium	378	ppm	3169	1436	10	1	Therefore, Observation 13300 is a Potential Statistical Outlier	1	Therefore, Observation 13300 is a Potential Statistical Outlier
0.5-3.5	Metals	Selenium	249	ppm	1.97	1.407	10	6	Therefore, Potential Statistical Outliers are 11.3, 10.3, 7.5, 6.8, 5.8, 5.7	4	Therefore, Potential Statistical Outliers are 11.3, 10.3, 7.5, 6.8
0.5-3.5	Metals	Silver	350	ppm	4.043	4.592	10	4	Therefore, Potential Statistical Outliers are 61.6, 31.7, 29.6, 16	4	Therefore, Potential Statistical Outliers are 61.6, 31.7, 29.6, 16
0.5-3.5	Metals	Sodium	403	ppm	7437	3392	10	1	Therefore, Observation 27200 is a Potential Statistical Outlier	1	Therefore, Observation 27200 is a Potential Statistical Outlier
0.5-3.5	Metals	Thallium	195	ppm	0.659	0.851	10	4	Therefore, Potential Statistical Outliers are 5.1, 3.9, 3.4, 3.4	2	Therefore, Potential Statistical Outliers are 5.1, 3.9
0.5-3.5	Metals	Titanium	351	ppm	450.1	124.4	10	1	Therefore, Observation 1350 is a Potential Statistical Outlier	1	Therefore, Observation 1350 is a Potential Statistical Outlier
0.5-3.5	Metals	Vanadium	404	ppm	41.83	18.35	10	2	Therefore, Potential Statistical Outliers are 136, 113	1	Therefore, Observation 136 is a Potential Statistical Outlier
0.5-3.5	Metals	Zinc	404	ppm	402	343.6	10	5	Therefore, Potential Statistical Outliers are 2980, 2290, 2270, 1680, 1590	5	Therefore, Potential Statistical Outliers are 2980, 2290, 2270, 1680, 1590
0.5-3.5	Organotin	Dibutyltin	166	ppb	40.53	51.92	10	7	Therefore, Potential Statistical Outliers are 240, 240, 230, 220, 210, 180, 180	5	Therefore, Potential Statistical Outliers are 240, 240, 230, 220, 210
0.5-3.5	Organotin	Monobutyltin	74	ppb	33.44	23.19	10	1	Therefore, Observation 110 is a Potential Statistical Outlier	0	No Outlier

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Organotin	Tetrabutyltin	51	ppb	4.648	4.206	10	4	Therefore, Potential Statistical Outliers are 19, 19, 13, 13	2	Therefore, Potential Statistical Outliers are 19, 19
0.5-3.5	Organotin	Tributyltin	159	ppb	31.14	68.82	10	10	Therefore, Potential Statistical Outliers are 650, 430, 290, 210, 150, 130, 99, 96, 95, 93	10	Therefore, Potential Statistical Outliers are 650, 430, 290, 210, 150, 130, 99, 96, 95, 93
0.5-3.5	Aroclor PCBs	Aroclor-1242	143	ppb	794	1027	10	10	Therefore, Potential Statistical Outliers are 6200, 5200, 4300, 4100, 3400, 3300, 3300, 3200, 2900, 2700	9	Therefore, Potential Statistical Outliers are 6200, 5200, 4300, 4100, 3400, 3300, 3300, 3200, 2900
0.5-3.5	Aroclor PCBs	Aroclor-1248	94	ppb	1004	1588	10	7	Therefore, Potential Statistical Outliers are 10000, 7300, 5400, 5200, 4100, 4100, 3200	6	Therefore, Potential Statistical Outliers are 10000, 7300, 5400, 5200, 4100, 4100
0.5-3.5	Aroclor PCBs	Aroclor-1254	242	ppb	652.6	739.7	10	6	Therefore, Potential Statistical Outliers are 4300, 3800, 3600, 3500, 3200, 2900	5	Therefore, Potential Statistical Outliers are 4300, 3800, 3600, 3500, 3200
0.5-3.5	Aroclor PCBs	Aroclor-1260	231	ppb	254.3	268.3	10	10	Therefore, Potential Statistical Outliers are 2000, 1500, 1300, 1100, 1100, 1100, 1100, 1000, 1000, 990	10	Therefore, Potential Statistical Outliers are 2000, 1500, 1300, 1100, 1100, 1100, 1100, 1000, 1000, 990
0.5-3.5	Aroclor PCBs	Total Aroclor PCBs (Sum of 7 Aroclors)	245	ppb	1732	2181	10	10	Therefore, Potential Statistical Outliers are 15000, 12000, 9700, 9000, 8900, 8800, 8600, 8500, 8300, 7400	10	Therefore, Potential Statistical Outliers are 15000, 12000, 9700, 9000, 8900, 8800, 8600, 8500, 8300, 7400
0.5-3.5	Aroclor PCBs	Total Aroclor PCBs (Sum of 9 Aroclors)	254	ppb	1676	2162	10	10	Therefore, Potential Statistical Outliers are 15000, 12000, 9700, 9000, 8900, 8800, 8600, 8500, 8300, 7400	10	Therefore, Potential Statistical Outliers are 15000, 12000, 9700, 9000, 8900, 8800, 8600, 8500, 8300, 7400
0.5-3.5	Congener PCBs	PCB-1	310	ppt	2117	4241	10	10	Therefore, Potential Statistical Outliers are 42000, 32400, 26400, 22500, 20500, 20300, 16600, 13400, 12600, 8090	9	Therefore, Potential Statistical Outliers are 42000, 32400, 26400, 22500, 20500, 20300, 16600, 13400, 12600
0.5-3.5	Congener PCBs	PCB-100	193	ppt	638.2	997.9	10	7	Therefore, Potential Statistical Outliers are 10000, 7340, 4190, 3050, 2400, 2130, 1990	5	Therefore, Potential Statistical Outliers are 10000, 7340, 4190, 3050, 2400
0.5-3.5	Congener PCBs	PCB-103	273	ppt	967.2	1194	10	4	Therefore, Potential Statistical Outliers are 13600, 9120, 4230, 3680	3	Therefore, Potential Statistical Outliers are 13600, 9120, 4230
0.5-3.5	Congener PCBs	PCB-104	171	ppt	119	196.8	10	10	Therefore, Potential Statistical Outliers are 1630, 1130, 737, 635, 622, 605, 590, 517, 497, 420	9	Therefore, Potential Statistical Outliers are 1630, 1130, 737, 635, 622, 605, 590, 517, 497
0.5-3.5	Congener PCBs	PCB-105	345	ppt	16544	22857	10	10	Therefore, Potential Statistical Outliers are 149000, 149000, 149000, 117000, 114000, 102000, 93500, 84800, 78100, 77500	8	Therefore, Potential Statistical Outliers are 149000, 149000, 149000, 117000, 114000, 102000, 93500, 84800
0.5-3.5	Congener PCBs	PCB-106/118	271	ppt	36585	48143	10	5	Therefore, Potential Statistical Outliers are 295000, 267000, 217000, 190000, 186000	3	Therefore, Potential Statistical Outliers are 295000, 267000, 217000
0.5-3.5	Congener PCBs	PCB-107/109	217	ppt	3384	3617	10	2	Therefore, Potential Statistical Outliers are 21700, 15700	1	Therefore, Observation 21700 is a Potential Statistical Outlier
0.5-3.5	Congener PCBs	PCB-108/112	214	ppt	2859	3284	10	3	Therefore, Potential Statistical Outliers are 19100, 14800, 14000	1	Therefore, Observation 19100 is a Potential Statistical Outlier
0.5-3.5	Congener PCBs	PCB-11	314	ppt	17496	25497	10	7	Therefore, Potential Statistical Outliers are 176000, 141000, 140000, 136000, 101000, 101000, 95400	6	Therefore, Potential Statistical Outliers are 176000, 141000, 140000, 136000, 101000, 101000

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Congener PCBs	PCB-110	280	ppt	54148	74346	10	7	Therefore, Potential Statistical Outliers are 469000, 412000, 384000, 381000, 304000, 275000, 266000	5	Therefore, Potential Statistical Outliers are 469000, 412000, 384000, 381000, 304000
0.5-3.5	Congener PCBs	PCB-111/115	202	ppt	1143	1414	10	2	Therefore, Potential Statistical Outliers are 10400, 7040	2	Therefore, Potential Statistical Outliers are 10400, 7040
0.5-3.5	Congener PCBs	PCB-113	149	ppt	347.7	714.3	10	6	Therefore, Potential Statistical Outliers are 7580, 2420, 2020, 1900, 1510, 1230	5	Therefore, Potential Statistical Outliers are 7580, 2420, 2020, 1900, 1510
0.5-3.5	Congener PCBs	PCB-114	296	ppt	1243	1609	10	10	Therefore, Potential Statistical Outliers are 9960, 9260, 9220, 8130, 7570, 7470, 6300, 5850, 5680, 5380	7	Therefore, Potential Statistical Outliers are 9960, 9260, 9220, 8130, 7570, 7470, 6300
0.5-3.5	Congener PCBs	PCB-119	210	ppt	1569	1671	10	6	Therefore, Potential Statistical Outliers are 10400, 7790, 7550, 7520, 7000, 6260	5	Therefore, Potential Statistical Outliers are 10400, 7790, 7550, 7520, 7000
0.5-3.5	Congener PCBs	PCB-12/13	273	ppt	5738	6451	10	3	Therefore, Potential Statistical Outliers are 36700, 36600, 32400	3	Therefore, Potential Statistical Outliers are 36700, 36600, 32400
0.5-3.5	Congener PCBs	PCB-120	226	ppt	222.2	286.6	10	10	Therefore, Potential Statistical Outliers are 2750, 1470, 1340, 1240, 971, 925, 857, 853, 846, 840	10	Therefore, Potential Statistical Outliers are 2750, 1470, 1340, 1240, 971, 925, 857, 853, 846, 840
0.5-3.5	Congener PCBs	PCB-122	275	ppt	796.7	931.7	10	8	Therefore, Potential Statistical Outliers are 6930, 4820, 4640, 4340, 4240, 3760, 3730, 3240	7	Therefore, Potential Statistical Outliers are 6930, 4820, 4640, 4340, 4240, 3760, 3730
0.5-3.5	Congener PCBs	PCB-123	302	ppt	983.1	1276	10	9	Therefore, Potential Statistical Outliers are 10100, 7980, 6520, 6500, 6130, 5640, 5270, 4860, 4030	8	Therefore, Potential Statistical Outliers are 10100, 7980, 6520, 6500, 6130, 5640, 5270, 4860
0.5-3.5	Congener PCBs	PCB-124	209	ppt	1871	2047	10	1	Therefore, Observation 11700 is a Potential Statistical Outlier	1	Therefore, Observation 11700 is a Potential Statistical Outlier
0.5-3.5	Congener PCBs	PCB-126	280	ppt	273	274.3	10	2	Therefore, Potential Statistical Outliers are 2380, 1350	2	Therefore, Potential Statistical Outliers are 2380, 1350
0.5-3.5	Congener PCBs	PCB-128/162	231	ppt	5619	6273	10	3	Therefore, Potential Statistical Outliers are 35700, 27000, 26800	1	Therefore, Observation 35700 is a Potential Statistical Outlier
0.5-3.5	Congener PCBs	PCB-129	210	ppt	2458	5517	10	8	Therefore, Potential Statistical Outliers are 49900, 39900, 35000, 31700, 10900, 8420, 7840, 7690	5	Therefore, Potential Statistical Outliers are 49900, 39900, 35000, 31700, 10900
0.5-3.5	Congener PCBs	PCB-130	295	ppt	2954	3158	10	9	Therefore, Potential Statistical Outliers are 18800, 17900, 16600, 16400, 15800, 15500, 12700, 11700, 11600	6	Therefore, Potential Statistical Outliers are 18800, 17900, 16600, 16400, 15800, 15500
0.5-3.5	Congener PCBs	PCB-131	102	ppt	661.1	987.3	10	10	Therefore, Potential Statistical Outliers are 4770, 4580, 4560, 4530, 3890, 2470, 2100, 1670, 1650, 1640	7	Therefore, Potential Statistical Outliers are 4770, 4580, 4560, 4530, 3890, 2470, 2100
0.5-3.5	Congener PCBs	PCB-132/161	237	ppt	10708	12685	10	3	Therefore, Potential Statistical Outliers are 69700, 68700, 56400	2	Therefore, Potential Statistical Outliers are 69700, 68700
0.5-3.5	Congener PCBs	PCB-133/142	205	ppt	1324	1334	10	2	Therefore, Potential Statistical Outliers are 7330, 7080	2	Therefore, Potential Statistical Outliers are 7330, 7080
0.5-3.5	Congener PCBs	PCB-134/143	270	ppt	2586	2831	10	5	Therefore, Potential Statistical Outliers are 21500, 17400, 13300, 13300, 11600	5	Therefore, Potential Statistical Outliers are 21500, 17400, 13300, 13300, 11600
0.5-3.5	Congener PCBs	PCB-135	228	ppt	5744	6463	10	2	Therefore, Potential Statistical Outliers are 48400, 28200	1	Therefore, Observation 48400 is a Potential Statistical Outlier

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Congener PCBs	PCB-136	308	ppt	6483	7958	10	10	Therefore, Potential Statistical Outliers are 66200, 58600, 35100, 33200, 32200, 31600, 31000, 30900, 27400, 25700	8	Therefore, Potential Statistical Outliers are 66200, 58600, 35100, 33200, 32200, 31600, 31000, 30900
0.5-3.5	Congener PCBs	PCB-137	288	ppt	2111	2318	10	8	Therefore, Potential Statistical Outliers are 13400, 13000, 11500, 11000, 10800, 10600, 10500, 8580	7	Therefore, Potential Statistical Outliers are 13400, 13000, 11500, 11000, 10800, 10600, 10500
0.5-3.5	Congener PCBs	PCB-138/163/164	254	ppt	35133	42902	10	3	Therefore, Potential Statistical Outliers are 272000, 218000, 178000	2	Therefore, Potential Statistical Outliers are 272000, 218000
0.5-3.5	Congener PCBs	PCB-139/149	251	ppt	31862	41035	10	3	Therefore, Potential Statistical Outliers are 345000, 181000, 178000	3	Therefore, Potential Statistical Outliers are 345000, 181000, 178000
0.5-3.5	Congener PCBs	PCB-14	27	ppt	75.16	118.4	10	9	Therefore, Potential Statistical Outliers are 470, 379, 235, 225, 110, 108, 86.9, 68.4, 62.1	4	Therefore, Potential Statistical Outliers are 470, 379, 235, 225
0.5-3.5	Congener PCBs	PCB-140	189	ppt	295.7	299.4	10	3	Therefore, Potential Statistical Outliers are 2300, 1690, 1480	3	Therefore, Potential Statistical Outliers are 2300, 1690, 1480
0.5-3.5	Congener PCBs	PCB-141	314	ppt	8412	10659	10	9	Therefore, Potential Statistical Outliers are 83500, 66900, 53600, 52300, 50800, 50500, 43300, 40800, 39000	9	Therefore, Potential Statistical Outliers are 83500, 66900, 53600, 52300, 50800, 50500, 43300, 40800, 39000
0.5-3.5	Congener PCBs	PCB-144	289	ppt	2390	2782	10	9	Therefore, Potential Statistical Outliers are 20600, 16900, 13700, 13400, 13400, 11800, 11300, 10900, 9550	8	Therefore, Potential Statistical Outliers are 20600, 16900, 13700, 13400, 13400, 11800, 11300, 10900
0.5-3.5	Congener PCBs	PCB-145	108	ppt	32.69	26.3	10	6	Therefore, Potential Statistical Outliers are 134, 125, 117, 108, 99.2, 98.6	2	Therefore, Potential Statistical Outliers are 134, 125
0.5-3.5	Congener PCBs	PCB-146/165	229	ppt	5917	6813	10	2	Therefore, Potential Statistical Outliers are 55100, 30800	2	Therefore, Potential Statistical Outliers are 55100, 30800
0.5-3.5	Congener PCBs	PCB-147	208	ppt	1869	4439	10	5	Therefore, Potential Statistical Outliers are 39500, 30700, 29100, 25100, 16500	5	Therefore, Potential Statistical Outliers are 39500, 30700, 29100, 25100, 16500
0.5-3.5	Congener PCBs	PCB-148	217	ppt	136.3	215.3	10	6	Therefore, Potential Statistical Outliers are 2410, 1800, 622, 522, 507, 418	5	Therefore, Potential Statistical Outliers are 2410, 1800, 622, 522, 507
0.5-3.5	Congener PCBs	PCB-15	331	ppt	21791	25685	10	5	Therefore, Potential Statistical Outliers are 136000, 135000, 117000, 116000, 110000	2	Therefore, Potential Statistical Outliers are 136000, 135000
0.5-3.5	Congener PCBs	PCB-150	245	ppt	264.8	559.7	10	7	Therefore, Potential Statistical Outliers are 6640, 5170, 1940, 1110, 978, 946, 804	6	Therefore, Potential Statistical Outliers are 6640, 5170, 1940, 1110, 978, 946
0.5-3.5	Congener PCBs	PCB-151	237	ppt	9491	12308	10	3	Therefore, Potential Statistical Outliers are 112000, 62200, 50000	3	Therefore, Potential Statistical Outliers are 112000, 62200, 50000
0.5-3.5	Congener PCBs	PCB-152	207	ppt	80.12	74.31	10	3	Therefore, Potential Statistical Outliers are 582, 493, 340	3	Therefore, Potential Statistical Outliers are 582, 493, 340
0.5-3.5	Congener PCBs	PCB-153	256	ppt	35917	45942	10	3	Therefore, Potential Statistical Outliers are 415000, 203000, 200000	3	Therefore, Potential Statistical Outliers are 415000, 203000, 200000
0.5-3.5	Congener PCBs	PCB-154	278	ppt	1343	2990	10	7	Therefore, Potential Statistical Outliers are 36600, 30600, 10400, 6140, 4710, 4500, 4430	4	Therefore, Potential Statistical Outliers are 36600, 30600, 10400, 6140

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Congener PCBs	PCB-155	249	ppt	1024	3466	10	10	Therefore, Potential Statistical Outliers are 36800, 22000, 19400, 16100, 15800, 10100, 9670, 8240, 7970, 5260	10	Therefore, Potential Statistical Outliers are 36800, 22000, 19400, 16100, 15800, 10100, 9670, 8240, 7970, 5260
0.5-3.5	Congener PCBs	PCB-156	243	ppt	3578	4113	10	6	Therefore, Potential Statistical Outliers are 23700, 22300, 17200, 17000, 16900, 16500	2	Therefore, Potential Statistical Outliers are 23700, 22300
0.5-3.5	Congener PCBs	PCB-157	225	ppt	840	884.5	10	4	Therefore, Potential Statistical Outliers are 5190, 4810, 3710, 3630	2	Therefore, Potential Statistical Outliers are 5190, 4810
0.5-3.5	Congener PCBs	PCB-158/160	224	ppt	4413	4834	10	3	Therefore, Potential Statistical Outliers are 25600, 25300, 20800	2	Therefore, Potential Statistical Outliers are 25600, 25300
0.5-3.5	Congener PCBs	PCB-159	200	ppt	438.4	451	10	7	Therefore, Potential Statistical Outliers are 3870, 2850, 1950, 1850, 1610, 1570, 1480	6	Therefore, Potential Statistical Outliers are 3870, 2850, 1950, 1850, 1610, 1570
0.5-3.5	Congener PCBs	PCB-16/32	241	ppt	31774	49528	10	10	Therefore, Potential Statistical Outliers are 365000, 225000, 194000, 192000, 186000, 168000, 167000, 166000, 161000, 158000	2	Therefore, Potential Statistical Outliers are 365000, 225000
0.5-3.5	Congener PCBs	PCB-166	189	ppt	178.8	170.8	10	4	Therefore, Potential Statistical Outliers are 1050, 766, 756, 697	1	Therefore, Observation 1050 is a Potential Statistical Outlier
0.5-3.5	Congener PCBs	PCB-167	309	ppt	1779	1972	10	8	Therefore, Potential Statistical Outliers are 12500, 10800, 10300, 10200, 9960, 8950, 8090, 7640	7	Therefore, Potential Statistical Outliers are 12500, 10800, 10300, 10200, 9960, 8950, 8090
0.5-3.5	Congener PCBs	PCB-168	171	ppt	103.5	133.7	10	7	Therefore, Potential Statistical Outliers are 1370, 667, 576, 359, 341, 331, 327	3	Therefore, Potential Statistical Outliers are 1370, 667, 576
0.5-3.5	Congener PCBs	PCB-169	80	ppt	133.3	164.4	10	5	Therefore, Potential Statistical Outliers are 897, 765, 602, 473, 453	3	Therefore, Potential Statistical Outliers are 897, 765, 602
0.5-3.5	Congener PCBs	PCB-17	319	ppt	25607	42423	10	10	Therefore, Potential Statistical Outliers are 271000, 267000, 242000, 198000, 184000, 176000, 173000, 166000, 162000, 161000	10	Therefore, Potential Statistical Outliers are 271000, 267000, 242000, 198000, 184000, 176000, 173000, 166000, 162000, 161000
0.5-3.5	Congener PCBs	PCB-170	325	ppt	10885	13647	10	10	Therefore, Potential Statistical Outliers are 117000, 108000, 68900, 54300, 53300, 50900, 49800, 48300, 47100, 45200	5	Therefore, Potential Statistical Outliers are 117000, 108000, 68900, 54300, 53300
0.5-3.5	Congener PCBs	PCB-171	218	ppt	3014	3584	10	4	Therefore, Potential Statistical Outliers are 32500, 20600, 13400, 12500	2	Therefore, Potential Statistical Outliers are 32500, 20600
0.5-3.5	Congener PCBs	PCB-172	288	ppt	2131	2494	10	10	Therefore, Potential Statistical Outliers are 22400, 20200, 12400, 10200, 9300, 9260, 8680, 7970, 7820, 7680	7	Therefore, Potential Statistical Outliers are 22400, 20200, 12400, 10200, 9300, 9260, 8680
0.5-3.5	Congener PCBs	PCB-173	190	ppt	284.5	332.7	10	4	Therefore, Potential Statistical Outliers are 2920, 1930, 1310, 1150	3	Therefore, Potential Statistical Outliers are 2920, 1930, 1310
0.5-3.5	Congener PCBs	PCB-174	322	ppt	12317	17152	10	10	Therefore, Potential Statistical Outliers are 161000, 145000, 100000, 65600, 60400, 58500, 57700, 56500, 55000, 54900	10	Therefore, Potential Statistical Outliers are 161000, 145000, 100000, 65600, 60400, 58500, 57700, 56500, 55000, 54900
0.5-3.5	Congener PCBs	PCB-175	276	ppt	658.6	706.3	10	7	Therefore, Potential Statistical Outliers are 5840, 5150, 3090, 3040, 2840, 2830, 2780	7	Therefore, Potential Statistical Outliers are 5840, 5150, 3090, 3040, 2840, 2830, 2780

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Congener PCBs	PCB-176	288	ppt	1923	2351	10	7	Therefore, Potential Statistical Outliers are 21200, 20900, 12200, 8270, 8030, 7970, 7630	6	Therefore, Potential Statistical Outliers are 21200, 20900, 12200, 8270, 8030, 7970
0.5-3.5	Congener PCBs	PCB-177	314	ppt	7553	9459	10	10	Therefore, Potential Statistical Outliers are 83600, 79100, 51000, 36900, 34900, 33100, 31800, 30400, 30000, 29100	5	Therefore, Potential Statistical Outliers are 83600, 79100, 51000, 36900, 34900
0.5-3.5	Congener PCBs	PCB-178	296	ppt	3029	3649	10	7	Therefore, Potential Statistical Outliers are 35900, 32600, 17400, 12300, 12200, 12000, 11400	3	Therefore, Potential Statistical Outliers are 35900, 32600, 17400
0.5-3.5	Congener PCBs	PCB-179	313	ppt	6558	8702	10	8	Therefore, Potential Statistical Outliers are 87700, 77100, 44100, 28900, 28100, 28100, 27700, 26100	3	Therefore, Potential Statistical Outliers are 87700, 77100, 44100
0.5-3.5	Congener PCBs	PCB-18	254	ppt	47409	81676	10	10	Therefore, Potential Statistical Outliers are 638000, 381000, 359000, 325000, 323000, 294000, 283000, 283000, 265000, 263000	10	Therefore, Potential Statistical Outliers are 638000, 381000, 359000, 325000, 323000, 294000, 283000, 283000, 265000, 263000
0.5-3.5	Congener PCBs	PCB-180	258	ppt	23796	32166	10	6	Therefore, Potential Statistical Outliers are 316000, 189000, 125000, 113000, 110000, 103000	3	Therefore, Potential Statistical Outliers are 316000, 189000, 125000
0.5-3.5	Congener PCBs	PCB-181	210	ppt	142.1	178.2	10	10	Therefore, Potential Statistical Outliers are 1670, 1120, 608, 555, 553, 550, 544, 515, 507, 500	2	Therefore, Potential Statistical Outliers are 1670, 1120
0.5-3.5	Congener PCBs	PCB-182/187	242	ppt	16031	20765	10	5	Therefore, Potential Statistical Outliers are 210000, 112000, 76500, 74400, 67700	2	Therefore, Potential Statistical Outliers are 210000, 112000
0.5-3.5	Congener PCBs	PCB-183	256	ppt	7316	8886	10	7	Therefore, Potential Statistical Outliers are 79800, 46200, 34500, 33100, 32700, 32300, 31600	2	Therefore, Potential Statistical Outliers are 79800, 46200
0.5-3.5	Congener PCBs	PCB-184	202	ppt	91.88	186.6	10	10	Therefore, Potential Statistical Outliers are 1540, 1310, 1090, 1010, 836, 512, 401, 384, 276, 250	10	Therefore, Potential Statistical Outliers are 1540, 1310, 1090, 1010, 836, 512, 401, 384, 276, 250
0.5-3.5	Congener PCBs	PCB-185	228	ppt	1461	1893	10	6	Therefore, Potential Statistical Outliers are 17900, 11800, 9110, 6680, 6250, 5910	4	Therefore, Potential Statistical Outliers are 17900, 11800, 9110, 6680
0.5-3.5	Congener PCBs	PCB-188	208	ppt	82.7	172.1	10	8	Therefore, Potential Statistical Outliers are 1780, 1540, 597, 553, 358, 308, 286, 213	7	Therefore, Potential Statistical Outliers are 1780, 1540, 597, 553, 358, 308, 286
0.5-3.5	Congener PCBs	PCB-189	291	ppt	444.3	455.1	10	10	Therefore, Potential Statistical Outliers are 3580, 2610, 2210, 2040, 1890, 1840, 1830, 1700, 1660, 1660	4	Therefore, Potential Statistical Outliers are 3580, 2610, 2210, 2040
0.5-3.5	Congener PCBs	PCB-19	284	ppt	5494	8546	10	10	Therefore, Potential Statistical Outliers are 58800, 49500, 46200, 41900, 38300, 33500, 29400, 29200, 28400, 27700	6	Therefore, Potential Statistical Outliers are 58800, 49500, 46200, 41900, 38300, 33500
0.5-3.5	Congener PCBs	PCB-190	290	ppt	2408	2760	10	9	Therefore, Potential Statistical Outliers are 23500, 21400, 14800, 10700, 10600, 9990, 9790, 9540, 9240	5	Therefore, Potential Statistical Outliers are 23500, 21400, 14800, 10700, 10600
0.5-3.5	Congener PCBs	PCB-191	277	ppt	525.4	595.4	10	9	Therefore, Potential Statistical Outliers are 5050, 4980, 3010, 2300, 2160, 2060, 1980, 1950, 1850	4	Therefore, Potential Statistical Outliers are 5050, 4980, 3010, 2300

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Congener PCBs	PCB-193	210	ppt	1350	1654	10	5	Therefore, Potential Statistical Outliers are 16300, 9020, 6630, 5250, 5200	3	Therefore, Potential Statistical Outliers are 16300, 9020, 6630
0.5-3.5	Congener PCBs	PCB-194	315	ppt	7087	7819	10	4	Therefore, Potential Statistical Outliers are 63200, 60500, 40500, 30500	3	Therefore, Potential Statistical Outliers are 63200, 60500, 40500
0.5-3.5	Congener PCBs	PCB-195	293	ppt	3015	3450	10	7	Therefore, Potential Statistical Outliers are 30300, 25400, 20900, 12800, 12700, 11700, 11600	3	Therefore, Potential Statistical Outliers are 30300, 25400, 20900
0.5-3.5	Congener PCBs	PCB-196/203	237	ppt	8435	9458	10	5	Therefore, Potential Statistical Outliers are 82700, 40300, 40100, 39600, 38300	5	Therefore, Potential Statistical Outliers are 82700, 40300, 40100, 39600, 38300
0.5-3.5	Congener PCBs	PCB-197	275	ppt	339.4	377.2	10	7	Therefore, Potential Statistical Outliers are 3570, 2650, 2610, 1600, 1540, 1250, 1180	6	Therefore, Potential Statistical Outliers are 3570, 2650, 2610, 1600, 1540, 1250
0.5-3.5	Congener PCBs	PCB-198	202	ppt	691.8	1205	10	10	Therefore, Potential Statistical Outliers are 10300, 8560, 7280, 6280, 3920, 3130, 2450, 2330, 2260, 2120	10	Therefore, Potential Statistical Outliers are 10300, 8560, 7280, 6280, 3920, 3130, 2450, 2330, 2260, 2120
0.5-3.5	Congener PCBs	PCB-199	241	ppt	8359	9512	10	5	Therefore, Potential Statistical Outliers are 78300, 49200, 48600, 39100, 38600	5	Therefore, Potential Statistical Outliers are 78300, 49200, 48600, 39100, 38600
0.5-3.5	Congener PCBs	PCB-2	338	ppt	744.9	2488	10	10	Therefore, Potential Statistical Outliers are 39700, 18100, 10200, 7190, 5060, 3650, 3140, 2930, 2680, 2500	10	Therefore, Potential Statistical Outliers are 39700, 18100, 10200, 7190, 5060, 3650, 3140, 2930, 2680, 2500
0.5-3.5	Congener PCBs	PCB-20/21/33	242	ppt	27755	46125	10	9	Therefore, Potential Statistical Outliers are 296000, 291000, 195000, 178000, 173000, 168000, 163000, 155000, 144000	7	Therefore, Potential Statistical Outliers are 296000, 291000, 195000, 178000, 173000, 168000, 163000
0.5-3.5	Congener PCBs	PCB-200	282	ppt	1026	1150	10	8	Therefore, Potential Statistical Outliers are 10700, 8270, 6260, 4330, 4100, 3950, 3760, 3730	3	Therefore, Potential Statistical Outliers are 10700, 8270, 6260
0.5-3.5	Congener PCBs	PCB-201	287	ppt	1286	1214	10	5	Therefore, Potential Statistical Outliers are 9510, 9330, 5680, 5250, 4880	4	Therefore, Potential Statistical Outliers are 9510, 9330, 5680, 5250
0.5-3.5	Congener PCBs	PCB-202	304	ppt	2648	2804	10	8	Therefore, Potential Statistical Outliers are 21800, 21500, 16600, 15900, 13500, 11400, 10000, 9220	6	Therefore, Potential Statistical Outliers are 21800, 21500, 16600, 15900, 13500, 11400
0.5-3.5	Congener PCBs	PCB-204	26	ppt	25.45	24.3	10	5	Therefore, Potential Statistical Outliers are 108, 92.6, 47.8, 41.1, 37.2	2	Therefore, Potential Statistical Outliers are 108, 92.6
0.5-3.5	Congener PCBs	PCB-205	273	ppt	362.6	363.1	10	10	Therefore, Potential Statistical Outliers are 3260, 2640, 1770, 1460, 1360, 1290, 1220, 1210, 1200, 1190	4	Therefore, Potential Statistical Outliers are 3260, 2640, 1770, 1460
0.5-3.5	Congener PCBs	PCB-206	322	ppt	6432	8636	10	10	Therefore, Potential Statistical Outliers are 78100, 70100, 69400, 40700, 36500, 31100, 31000, 30700, 24500, 24100	10	Therefore, Potential Statistical Outliers are 78100, 70100, 69400, 40700, 36500, 31100, 31000, 30700, 24500, 24100
0.5-3.5	Congener PCBs	PCB-207	284	ppt	664.5	622.3	10	10	Therefore, Potential Statistical Outliers are 4940, 4690, 3240, 2940, 2620, 2450, 2360, 2210, 2190, 2150	5	Therefore, Potential Statistical Outliers are 4940, 4690, 3240, 2940, 2620

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Congener PCBs	PCB-208	304	ppt	2369	3617	10	10	Therefore, Potential Statistical Outliers are 31200, 30900, 30200, 18700, 15100, 14200, 13400, 11500, 10200, 9810	10	Therefore, Potential Statistical Outliers are 31200, 30900, 30200, 18700, 15100, 14200, 13400, 11500, 10200, 9810
0.5-3.5	Congener PCBs	PCB-209	344	ppt	5365	6144	10	10	Therefore, Potential Statistical Outliers are 52400, 37700, 35900, 29700, 26500, 26000, 25300, 23700, 23100, 22600	10	Therefore, Potential Statistical Outliers are 52400, 37700, 35900, 29700, 26500, 26000, 25300, 23700, 23100, 22600
0.5-3.5	Congener PCBs	PCB-22	324	ppt	23223	37015	10	10	Therefore, Potential Statistical Outliers are 204000, 204000, 198000, 181000, 176000, 172000, 161000, 131000, 129000, 124000	7	Therefore, Potential Statistical Outliers are 204000, 204000, 198000, 181000, 176000, 172000, 161000
0.5-3.5	Congener PCBs	PCB-23	168	ppt	97.19	112.5	10	7	Therefore, Potential Statistical Outliers are 592, 527, 493, 449, 441, 438, 396	6	Therefore, Potential Statistical Outliers are 592, 527, 493, 449, 441, 438
0.5-3.5	Congener PCBs	PCB-24/27	212	ppt	5219	7316	10	3	Therefore, Potential Statistical Outliers are 55000, 45500, 31000	3	Therefore, Potential Statistical Outliers are 55000, 45500, 31000
0.5-3.5	Congener PCBs	PCB-25	303	ppt	9833	19827	10	10	Therefore, Potential Statistical Outliers are 293000, 56700, 55400, 53500, 51500, 51400, 48600, 47300, 43100, 43000	8	Therefore, Potential Statistical Outliers are 293000, 56700, 55400, 53500, 51500, 51400, 48600, 47300
0.5-3.5	Congener PCBs	PCB-26	235	ppt	14124	27543	10	4	Therefore, Potential Statistical Outliers are 348000, 116000, 94400, 72400	4	Therefore, Potential Statistical Outliers are 348000, 116000, 94400, 72400
0.5-3.5	Congener PCBs	PCB-28	262	ppt	68604	100984	10	5	Therefore, Potential Statistical Outliers are 609000, 540000, 478000, 387000, 381000	3	Therefore, Potential Statistical Outliers are 609000, 540000, 478000
0.5-3.5	Congener PCBs	PCB-29	176	ppt	319.7	426.2	10	7	Therefore, Potential Statistical Outliers are 2850, 2270, 1690, 1520, 1510, 1430, 1390	3	Therefore, Potential Statistical Outliers are 2850, 2270, 1690
0.5-3.5	Congener PCBs	PCB-3	326	ppt	1750	3510	10	10	Therefore, Potential Statistical Outliers are 33700, 31500, 23700, 19900, 18300, 14000, 11000, 9540, 8230, 7200	10	Therefore, Potential Statistical Outliers are 33700, 31500, 23700, 19900, 18300, 14000, 11000, 9540, 8230, 7200
0.5-3.5	Congener PCBs	PCB-30	84	ppt	92.07	88.84	10	3	Therefore, Potential Statistical Outliers are 481, 451, 343	3	Therefore, Potential Statistical Outliers are 481, 451, 343
0.5-3.5	Congener PCBs	PCB-31	344	ppt	62711	100077	10	10	Therefore, Potential Statistical Outliers are 544000, 541000, 513000, 502000, 485000, 466000, 448000, 410000, 393000, 391000	10	Therefore, Potential Statistical Outliers are 544000, 541000, 513000, 502000, 485000, 466000, 448000, 410000, 393000, 391000
0.5-3.5	Congener PCBs	PCB-34	256	ppt	569.4	760.3	10	9	Therefore, Potential Statistical Outliers are 6520, 4550, 3510, 3290, 3090, 2920, 2500, 2410, 2330	6	Therefore, Potential Statistical Outliers are 6520, 4550, 3510, 3290, 3090, 2920
0.5-3.5	Congener PCBs	PCB-35	278	ppt	2548	3100	10	6	Therefore, Potential Statistical Outliers are 20400, 19200, 17900, 16700, 12400, 11900	6	Therefore, Potential Statistical Outliers are 20400, 19200, 17900, 16700, 12400, 11900
0.5-3.5	Congener PCBs	PCB-36	171	ppt	72.07	60.51	10	5	Therefore, Potential Statistical Outliers are 555, 372, 252, 208, 207	3	Therefore, Potential Statistical Outliers are 555, 372, 252
0.5-3.5	Congener PCBs	PCB-37	324	ppt	19514	26361	10	10	Therefore, Potential Statistical Outliers are 163000, 160000, 157000, 144000, 109000, 108000, 94800, 94400, 93000, 88900	6	Therefore, Potential Statistical Outliers are 163000, 160000, 157000, 144000, 109000, 108000

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Congener PCBs	PCB-38	197	ppt	480.5	588.2	10	10	Therefore, Potential Statistical Outliers are 4420, 3020, 2800, 2210, 2080, 1970, 1890, 1830, 1790, 1730	3	Therefore, Potential Statistical Outliers are 4420, 3020, 2800
0.5-3.5	Congener PCBs	PCB-39	243	ppt	304.9	456.6	10	10	Therefore, Potential Statistical Outliers are 3200, 2950, 2590, 2390, 2380, 2000, 1840, 1730, 1420, 1400	10	Therefore, Potential Statistical Outliers are 3200, 2950, 2590, 2390, 2380, 2000, 1840, 1730, 1420, 1400
0.5-3.5	Congener PCBs	PCB-4/10	190	ppt	11093	14264	10	3	Therefore, Potential Statistical Outliers are 109000, 71700, 58400	3	Therefore, Potential Statistical Outliers are 109000, 71700, 58400
0.5-3.5	Congener PCBs	PCB-40	223	ppt	10036	14670	10	10	Therefore, Potential Statistical Outliers are 104000, 62600, 56400, 55800, 55200, 52800, 49500, 48700, 48600, 47700	1	Therefore, Observation 104000 is a Potential Statistical Outlier
0.5-3.5	Congener PCBs	PCB-41/64/71/72	220	ppt	42305	66272	10	10	Therefore, Potential Statistical Outliers are 486000, 275000, 273000, 252000, 242000, 236000, 218000, 209000, 199000, 198000	3	Therefore, Potential Statistical Outliers are 486000, 275000, 273000
0.5-3.5	Congener PCBs	PCB-42/59	242	ppt	20330	29125	10	6	Therefore, Potential Statistical Outliers are 188000, 129000, 122000, 110000, 108000, 108000	2	Therefore, Potential Statistical Outliers are 188000, 129000
0.5-3.5	Congener PCBs	PCB-43/49	252	ppt	49137	70817	10	6	Therefore, Potential Statistical Outliers are 433000, 420000, 330000, 276000, 260000, 253000	3	Therefore, Potential Statistical Outliers are 433000, 420000, 330000
0.5-3.5	Congener PCBs	PCB-44	260	ppt	54921	85352	10	10	Therefore, Potential Statistical Outliers are 579000, 420000, 358000, 343000, 317000, 302000, 292000, 292000, 279000, 276000	2	Therefore, Potential Statistical Outliers are 579000, 420000
0.5-3.5	Congener PCBs	PCB-45	249	ppt	10598	16417	10	6	Therefore, Potential Statistical Outliers are 98300, 94900, 79500, 71300, 69100, 64000	6	Therefore, Potential Statistical Outliers are 98300, 94900, 79500, 71300, 69100, 64000
0.5-3.5	Congener PCBs	PCB-46	293	ppt	4779	6940	10	9	Therefore, Potential Statistical Outliers are 41000, 38400, 35300, 33600, 31600, 30000, 27800, 25600, 24100	8	Therefore, Potential Statistical Outliers are 41000, 38400, 35300, 33600, 31600, 30000, 27800, 25600
0.5-3.5	Congener PCBs	PCB-47	248	ppt	19424	26623	10	6	Therefore, Potential Statistical Outliers are 166000, 133000, 115000, 107000, 104000, 101000	2	Therefore, Potential Statistical Outliers are 166000, 133000
0.5-3.5	Congener PCBs	PCB-48/75	232	ppt	12606	18329	10	10	Therefore, Potential Statistical Outliers are 137000, 74300, 68400, 64900, 63500, 63100, 63000, 61600, 59300, 58800	1	Therefore, Observation 137000 is a Potential Statistical Outlier
0.5-3.5	Congener PCBs	PCB-5/8	218	ppt	20613	28955	10	9	Therefore, Potential Statistical Outliers are 173000, 156000, 145000, 126000, 107000, 104000, 100000, 95400, 94700	4	Therefore, Potential Statistical Outliers are 173000, 156000, 145000, 126000
0.5-3.5	Congener PCBs	PCB-50	180	ppt	408.2	926.7	10	8	Therefore, Potential Statistical Outliers are 8750, 5550, 4770, 4340, 2160, 2110, 1490, 1440	8	Therefore, Potential Statistical Outliers are 8750, 5550, 4770, 4340, 2160, 2110, 1490, 1440
0.5-3.5	Congener PCBs	PCB-51	237	ppt	4258	5717	10	6	Therefore, Potential Statistical Outliers are 37400, 29800, 28900, 25200, 22900, 20500	5	Therefore, Potential Statistical Outliers are 37400, 29800, 28900, 25200, 22900
0.5-3.5	Congener PCBs	PCB-52/69	264	ppt	57821	86830	10	4	Therefore, Potential Statistical Outliers are 534000, 481000, 390000, 364000	4	Therefore, Potential Statistical Outliers are 534000, 481000, 390000, 364000

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Congener PCBs	PCB-53	233	ppt	9795	14722	10	4	Therefore, Potential Statistical Outliers are 107000, 93600, 63400, 51200	3	Therefore, Potential Statistical Outliers are 107000, 93600, 63400
0.5-3.5	Congener PCBs	PCB-54	247	ppt	407.8	533.2	10	10	Therefore, Potential Statistical Outliers are 3700, 3590, 2610, 2520, 2340, 2120, 2070, 2000, 1610, 1600	8	Therefore, Potential Statistical Outliers are 3700, 3590, 2610, 2520, 2340, 2120, 2070, 2000
0.5-3.5	Congener PCBs	PCB-55	270	ppt	1084	1817	10	10	Therefore, Potential Statistical Outliers are 21500, 8740, 8250, 6820, 6210, 6000, 5800, 5470, 4320, 4290	8	Therefore, Potential Statistical Outliers are 21500, 8740, 8250, 6820, 6210, 6000, 5800, 5470
0.5-3.5	Congener PCBs	PCB-56/60	251	ppt	31216	47329	10	10	Therefore, Potential Statistical Outliers are 321000, 240000, 203000, 191000, 180000, 171000, 165000, 164000, 162000, 157000	3	Therefore, Potential Statistical Outliers are 321000, 240000, 203000
0.5-3.5	Congener PCBs	PCB-57	258	ppt	436.1	480.6	10	5	Therefore, Potential Statistical Outliers are 3200, 3140, 2160, 2100, 1860	4	Therefore, Potential Statistical Outliers are 3200, 3140, 2160, 2100
0.5-3.5	Congener PCBs	PCB-58	252	ppt	242.2	246.7	10	7	Therefore, Potential Statistical Outliers are 1560, 1520, 1500, 1240, 1230, 1200, 976	7	Therefore, Potential Statistical Outliers are 1560, 1520, 1500, 1240, 1230, 1200, 976
0.5-3.5	Congener PCBs	PCB-6	270	ppt	6784	13328	10	10	Therefore, Potential Statistical Outliers are 140000, 82700, 81200, 58600, 53400, 46800, 42200, 36000, 32900, 31000	10	Therefore, Potential Statistical Outliers are 140000, 82700, 81200, 58600, 53400, 46800, 42200, 36000, 32900, 31000
0.5-3.5	Congener PCBs	PCB-61/70	255	ppt	57034	84827	10	5	Therefore, Potential Statistical Outliers are 578000, 440000, 336000, 333000, 332000	2	Therefore, Potential Statistical Outliers are 578000, 440000
0.5-3.5	Congener PCBs	PCB-63	289	ppt	2654	3506	10	8	Therefore, Potential Statistical Outliers are 22000, 21100, 18600, 17200, 15800, 14500, 13100, 12700	6	Therefore, Potential Statistical Outliers are 22000, 21100, 18600, 17200, 15800, 14500
0.5-3.5	Congener PCBs	PCB-65	46	ppt	211.8	713.3	10	6	Therefore, Potential Statistical Outliers are 4900, 561, 260, 258, 238, 228	2	Therefore, Potential Statistical Outliers are 4900, 561
0.5-3.5	Congener PCBs	PCB-67	284	ppt	2354	3142	10	9	Therefore, Potential Statistical Outliers are 19600, 18800, 16600, 15600, 14700, 13200, 11300, 11200, 10500	6	Therefore, Potential Statistical Outliers are 19600, 18800, 16600, 15600, 14700, 13200
0.5-3.5	Congener PCBs	PCB-68	232	ppt	401.9	348.7	10	5	Therefore, Potential Statistical Outliers are 2080, 2060, 1650, 1640, 1600	5	Therefore, Potential Statistical Outliers are 2080, 2060, 1650, 1640, 1600
0.5-3.5	Congener PCBs	PCB-7/9	181	ppt	2260	2923	10	5	Therefore, Potential Statistical Outliers are 20400, 12900, 12100, 10700, 10600	3	Therefore, Potential Statistical Outliers are 20400, 12900, 12100
0.5-3.5	Congener PCBs	PCB-73	29	ppt	1635	2939	10	5	Therefore, Potential Statistical Outliers are 14100, 7490, 5910, 3010, 2660	5	Therefore, Potential Statistical Outliers are 14100, 7490, 5910, 3010, 2660
0.5-3.5	Congener PCBs	PCB-74	252	ppt	24736	37027	10	9	Therefore, Potential Statistical Outliers are 257000, 194000, 147000, 144000, 132000, 130000, 126000, 125000, 124000	2	Therefore, Potential Statistical Outliers are 257000, 194000
0.5-3.5	Congener PCBs	PCB-76/66	255	ppt	49829	71248	10	5	Therefore, Potential Statistical Outliers are 461000, 349000, 305000, 271000, 270000	2	Therefore, Potential Statistical Outliers are 461000, 349000

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Congener PCBs	PCB-77	337	ppt	7143	10026	10	10	Therefore, Potential Statistical Outliers are 67300, 62400, 59900, 59100, 50900, 43200, 37600, 37600, 34300, 34000	8	Therefore, Potential Statistical Outliers are 67300, 62400, 59900, 59100, 50900, 43200, 37600, 37600
0.5-3.5	Congener PCBs	PCB-78	49	ppt	187.6	170.3	10	0	No Outlier	0	No Outlier
0.5-3.5	Congener PCBs	PCB-79	255	ppt	646.4	806.8	10	4	Therefore, Potential Statistical Outliers are 8600, 4300, 3400, 2830	3	Therefore, Potential Statistical Outliers are 8600, 4300, 3400
0.5-3.5	Congener PCBs	PCB-81	279	ppt	315.9	600.4	10	10	Therefore, Potential Statistical Outliers are 5210, 4110, 3250, 3000, 2640, 2260, 2170, 2120, 2060, 1850	10	Therefore, Potential Statistical Outliers are 5210, 4110, 3250, 3000, 2640, 2260, 2170, 2120, 2060, 1850
0.5-3.5	Congener PCBs	PCB-82	306	ppt	7267	10000	10	8	Therefore, Potential Statistical Outliers are 67400, 61100, 60900, 56900, 54600, 40800, 38300, 32400	7	Therefore, Potential Statistical Outliers are 67400, 61100, 60900, 56900, 54600, 40800, 38300
0.5-3.5	Congener PCBs	PCB-83	146	ppt	1316	4348	10	10	Therefore, Potential Statistical Outliers are 25400, 21700, 19200, 19000, 17900, 16100, 15300, 12600, 8690, 6620	10	Therefore, Potential Statistical Outliers are 25400, 21700, 19200, 19000, 17900, 16100, 15300, 12600, 8690, 6620
0.5-3.5	Congener PCBs	PCB-84/92	247	ppt	20778	27007	10	3	Therefore, Potential Statistical Outliers are 163000, 133000, 111000	2	Therefore, Potential Statistical Outliers are 163000, 133000
0.5-3.5	Congener PCBs	PCB-85/116	254	ppt	8911	11865	10	6	Therefore, Potential Statistical Outliers are 74800, 68800, 57800, 48000, 47600, 47500	6	Therefore, Potential Statistical Outliers are 74800, 68800, 57800, 48000, 47600, 47500
0.5-3.5	Congener PCBs	PCB-86	189	ppt	987.7	3135	10	10	Therefore, Potential Statistical Outliers are 25900, 22200, 19100, 17300, 8850, 4500, 2870, 2530, 2460, 2410	7	Therefore, Potential Statistical Outliers are 25900, 22200, 19100, 17300, 8850, 4500, 2870
0.5-3.5	Congener PCBs	PCB-87/117/125	243	ppt	16127	21259	10	6	Therefore, Potential Statistical Outliers are 125000, 97500, 96500, 95700, 86300, 78500	4	Therefore, Potential Statistical Outliers are 125000, 97500, 96500, 95700
0.5-3.5	Congener PCBs	PCB-88/91	292	ppt	9711	11677	10	5	Therefore, Potential Statistical Outliers are 69000, 64300, 63900, 52400, 52200	5	Therefore, Potential Statistical Outliers are 69000, 64300, 63900, 52400, 52200
0.5-3.5	Congener PCBs	PCB-89	277	ppt	1080	1497	10	10	Therefore, Potential Statistical Outliers are 10200, 8990, 8860, 7900, 6700, 6460, 5370, 4760, 4720, 4710	7	Therefore, Potential Statistical Outliers are 10200, 8990, 8860, 7900, 6700, 6460, 5370
0.5-3.5	Congener PCBs	PCB-90/101	260	ppt	45827	59421	10	2	Therefore, Potential Statistical Outliers are 345000, 282000	2	Therefore, Potential Statistical Outliers are 345000, 282000
0.5-3.5	Congener PCBs	PCB-94	264	ppt	607	582	10	4	Therefore, Potential Statistical Outliers are 3390, 3200, 3030, 2510	3	Therefore, Potential Statistical Outliers are 3390, 3200, 3030
0.5-3.5	Congener PCBs	PCB-95/98/102	255	ppt	37022	48455	10	2	Therefore, Potential Statistical Outliers are 292000, 228000	2	Therefore, Potential Statistical Outliers are 292000, 228000
0.5-3.5	Congener PCBs	PCB-96	269	ppt	705.8	894	10	10	Therefore, Potential Statistical Outliers are 6250, 5300, 4570, 4410, 4150, 4060, 3650, 3240, 2980, 2970	10	Therefore, Potential Statistical Outliers are 6250, 5300, 4570, 4410, 4150, 4060, 3650, 3240, 2980, 2970
0.5-3.5	Congener PCBs	PCB-97	241	ppt	15877	20237	10	3	Therefore, Potential Statistical Outliers are 117000, 95900, 83600	2	Therefore, Potential Statistical Outliers are 117000, 95900
0.5-3.5	Congener PCBs	PCB-99	271	ppt	25701	34254	10	5	Therefore, Potential Statistical Outliers are 229000, 181000, 166000, 162000, 130000	4	Therefore, Potential Statistical Outliers are 229000, 181000, 166000, 162000

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Congener PCBs	Total Congener PCBs (209)	357	ppt	1551406	2218020	10	10	Therefore, Potential Statistical Outliers are 13400000, 12400000, 12000000, 11600000, 11500000, 10400000, 9360000, 8770000, 8240000, 7530000	8	Therefore, Potential Statistical Outliers are 13400000, 12400000, 12000000, 11600000, 11500000, 10400000, 9360000, 8770000
0.5-3.5	Congener PCBs	Total Congener PCBs (NOAA 1989)	293	ppt	1105069	1597282	10	5	Therefore, Potential Statistical Outliers are 9680000, 9010000, 8480000, 7710000, 6680000	5	Therefore, Potential Statistical Outliers are 9680000, 9010000, 8480000, 7710000, 6680000
0.5-3.5	Pesticides	2,4'-DDD	147	ppb	16.76	20.33	10	10	Therefore, Potential Statistical Outliers are 170, 110, 79, 62, 55, 52, 51, 50, 49.3, 49	3	Therefore, Potential Statistical Outliers are 170, 110, 79
0.5-3.5	Pesticides	2,4'-DDE	145	ppb	22.32	30.9	10	10	Therefore, Potential Statistical Outliers are 170, 170, 130, 120, 100, 96, 93, 89, 86, 86	10	Therefore, Potential Statistical Outliers are 170, 170, 130, 120, 100, 96, 93, 89, 86, 86
0.5-3.5	Pesticides	2,4'-DDT	121	ppb	7.065	12.06	10	4	Therefore, Potential Statistical Outliers are 100, 52, 38, 35	4	Therefore, Potential Statistical Outliers are 100, 52, 38, 35
0.5-3.5	Pesticides	4,4'-DDD	217	ppb	47.48	85.84	10	10	Therefore, Potential Statistical Outliers are 640, 606, 550, 450, 290, 290, 285, 210, 200, 180	10	Therefore, Potential Statistical Outliers are 640, 606, 550, 450, 290, 290, 285, 210, 200, 180
0.5-3.5	Pesticides	4,4'-DDE	303	ppb	73	98.58	10	10	Therefore, Potential Statistical Outliers are 730, 620, 510, 470, 450, 420, 420, 417, 390, 365	10	Therefore, Potential Statistical Outliers are 730, 620, 510, 470, 450, 420, 420, 417, 390, 365
0.5-3.5	Pesticides	4,4'-DDT	182	ppb	76.55	249.3	10	10	Therefore, Potential Statistical Outliers are 1900, 1700, 1600, 1000, 660, 530, 500, 480, 440, 420	10	Therefore, Potential Statistical Outliers are 1900, 1700, 1600, 1000, 660, 530, 500, 480, 440, 420
0.5-3.5	Pesticides	Aldrin	89	ppb	2.142	3.952	10	9	Therefore, Potential Statistical Outliers are 23, 19.2, 15, 12, 8.2, 7.7, 6.9, 6.9, 6.7	4	Therefore, Potential Statistical Outliers are 23, 19.2, 15, 12
0.5-3.5	Pesticides	Alpha-BHC	113	ppb	1.537	2.908	10	10	Therefore, Potential Statistical Outliers are 15.1, 15, 14, 14, 7.3, 6.7, 6.3, 5.4, 4.4, 4.4	8	Therefore, Potential Statistical Outliers are 15.1, 15, 14, 14, 7.3, 6.7, 6.3, 5.4
0.5-3.5	Pesticides	Alpha-Chlordane	149	ppb	14.72	16.24	10	1	Therefore, Observation 85 is a Potential Statistical Outlier	1	Therefore, Observation 85 is a Potential Statistical Outlier
0.5-3.5	Pesticides	Beta-BHC	105	ppb	2.306	4.939	10	10	Therefore, Potential Statistical Outliers are 34, 21, 19, 15, 13, 11, 9.9, 8.8, 8.7, 8.6	10	Therefore, Potential Statistical Outliers are 34, 21, 19, 15, 13, 11, 9.9, 8.8, 8.7, 8.6
0.5-3.5	Pesticides	Delta-BHC	65	ppb	1.91	4.55	10	10	Therefore, Potential Statistical Outliers are 32, 9.1, 8.9, 8.8, 8.2, 6.4, 6.4, 5.2, 4.9, 4.6	5	Therefore, Potential Statistical Outliers are 32, 9.1, 8.9, 8.8, 8.2
0.5-3.5	Pesticides	Dieldrin	141	ppb	10	15.28	10	6	Therefore, Potential Statistical Outliers are 90, 83, 78, 67, 63, 43	6	Therefore, Potential Statistical Outliers are 90, 83, 78, 67, 63, 43
0.5-3.5	Pesticides	Endosulfan II	34	ppb	2.4	3.356	10	5	Therefore, Potential Statistical Outliers are 15, 10, 9.8, 6.8, 5.5	5	Therefore, Potential Statistical Outliers are 15, 10, 9.8, 6.8, 5.5
0.5-3.5	Pesticides	Endosulfan Sulfate	42	ppb	3.875	5.899	10	3	Therefore, Potential Statistical Outliers are 25, 25, 14	2	Therefore, Potential Statistical Outliers are 25, 25
0.5-3.5	Pesticides	Endrin Aldehyde	44	ppb	13.92	18.38	10	5	Therefore, Potential Statistical Outliers are 92, 71, 56, 38, 31	4	Therefore, Potential Statistical Outliers are 92, 71, 56, 38
0.5-3.5	Pesticides	Endrin Ketone	39	ppb	9.386	29.18	10	9	Therefore, Potential Statistical Outliers are 180, 36, 24, 19, 17, 16, 15, 14, 7.6	8	Therefore, Potential Statistical Outliers are 180, 36, 24, 19, 17, 16, 15, 14
0.5-3.5	Pesticides	Gamma-BHC (Lindane)	51	ppb	2.594	4.654	10	6	Therefore, Potential Statistical Outliers are 20, 19, 18, 7.5, 7.5, 7.2	3	Therefore, Potential Statistical Outliers are 20, 19, 18

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Pesticides	Gamma-Chlordane	128	ppb	16.12	15.33	10	2	Therefore, Potential Statistical Outliers are 82, 65	1	Therefore, Observation 82 is a Potential Statistical Outlier
0.5-3.5	Pesticides	Heptachlor	105	ppb	4.244	10.84	10	10	Therefore, Potential Statistical Outliers are 70, 58, 46, 36, 27, 16, 15, 14, 13, 12	10	Therefore, Potential Statistical Outliers are 70, 58, 46, 36, 27, 16, 15, 14, 13, 12
0.5-3.5	Pesticides	Heptachlor Epoxide	151	ppb	6.207	10.22	10	7	Therefore, Potential Statistical Outliers are 65, 56, 45, 32, 30, 30, 29	3	Therefore, Potential Statistical Outliers are 65, 56, 45
0.5-3.5	Pesticides	Hexachlorobenzene	95	ppb	5.458	10.98	10	10	Therefore, Potential Statistical Outliers are 74.9, 52, 50.5, 28.5, 28, 13, 12, 12, 11.4, 11	5	Therefore, Potential Statistical Outliers are 74.9, 52, 50.5, 28.5, 28
0.5-3.5	Pesticides	Methoxychlor	48	ppb	30.66	140.6	10	3	Therefore, Potential Statistical Outliers are 980, 76, 45	3	Therefore, Potential Statistical Outliers are 980, 76, 45
0.5-3.5	Pesticides	Total Alpha + Gamma Chlordane	131	ppb	25.58	31.82	10	1	Therefore, Observation 170 is a Potential Statistical Outlier	1	Therefore, Observation 170 is a Potential Statistical Outlier
0.5-3.5	Pesticides	Total DDT (2,4' & 4,4')	86	ppb	243.6	455.8	10	9	Therefore, Potential Statistical Outliers are 2700, 2300, 2000, 1000, 900, 880, 870, 790, 560	9	Therefore, Potential Statistical Outliers are 2700, 2300, 2000, 1000, 900, 880, 870, 790, 560
0.5-3.5	Pesticides	Total DDT (2,4')	68	ppb	54.35	60.97	10	10	Therefore, Potential Statistical Outliers are 300, 230, 220, 210, 180, 150, 140, 130, 130, 120	4	Therefore, Potential Statistical Outliers are 300, 230, 220, 210
0.5-3.5	Pesticides	Total DDT (4,4')	319	ppb	144.5	302.9	10	10	Therefore, Potential Statistical Outliers are 2800, 2400, 2200, 1700, 1600, 1000, 950, 850, 840, 830	10	Therefore, Potential Statistical Outliers are 2800, 2400, 2200, 1700, 1600, 1000, 950, 850, 840, 830
0.5-3.5	Semivolatiles	1,4-Dichlorobenzene	49	ppb	191.7	139.3	10	1	Therefore, Observation 720 is a Potential Statistical Outlier	1	Therefore, Observation 720 is a Potential Statistical Outlier
0.5-3.5	Semivolatiles	2-Methylnaphthalene	256	ppb	1215	6704	10	10	Therefore, Potential Statistical Outliers are 59000, 57000, 52000, 46000, 14000, 5200, 2200, 2100, 2000, 2000	10	Therefore, Potential Statistical Outliers are 59000, 57000, 52000, 46000, 14000, 5200, 2200, 2100, 2000, 2000
0.5-3.5	Semivolatiles	4-Chloroaniline	85	ppb	325.1	256	10	2	Therefore, Potential Statistical Outliers are 1500, 1100	1	Therefore, Observation 1500 is a Potential Statistical Outlier
0.5-3.5	Semivolatiles	Acenaphthene	269	ppb	1248	4934	10	10	Therefore, Potential Statistical Outliers are 43000, 40000, 34000, 31000, 24000, 21000, 9700, 6600, 5300, 4800	10	Therefore, Potential Statistical Outliers are 43000, 40000, 34000, 31000, 24000, 21000, 9700, 6600, 5300, 4800
0.5-3.5	Semivolatiles	Acenaphthylene	324	ppb	608.6	2238	10	10	Therefore, Potential Statistical Outliers are 37000, 13000, 5500, 4500, 4300, 3700, 2800, 2700, 2700, 2400	10	Therefore, Potential Statistical Outliers are 37000, 13000, 5500, 4500, 4300, 3700, 2800, 2700, 2700, 2400
0.5-3.5	Semivolatiles	Anthracene	339	ppb	1836	5047	10	10	Therefore, Potential Statistical Outliers are 57000, 46000, 34000, 33000, 24000, 14000, 12000, 10000, 9800, 7300	10	Therefore, Potential Statistical Outliers are 57000, 46000, 34000, 33000, 24000, 14000, 12000, 10000, 9800, 7300
0.5-3.5	Semivolatiles	Benzaldehyde	64	ppb	92.93	39.55	10	2	Therefore, Potential Statistical Outliers are 230, 223	2	Therefore, Potential Statistical Outliers are 230, 223
0.5-3.5	Semivolatiles	Benzo(a)anthracene	363	ppb	2581	4727	10	10	Therefore, Potential Statistical Outliers are 51000, 40000, 37000, 34000, 19000, 16000, 14000, 13000, 11000, 11000	10	Therefore, Potential Statistical Outliers are 51000, 40000, 37000, 34000, 19000, 16000, 14000, 13000, 11000, 11000
0.5-3.5	Semivolatiles	Benzo(a)pyrene	361	ppb	2551	3935	10	10	Therefore, Potential Statistical Outliers are 44000, 35000, 28000, 27000, 13000, 13000, 11000, 11000, 11000, 8800	9	Therefore, Potential Statistical Outliers are 44000, 35000, 28000, 27000, 13000, 13000, 11000, 11000, 11000

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Semivolatiles	Benzo(b)fluoranthene	359	ppb	2568	3391	10	10	Therefore, Potential Statistical Outliers are 34000, 30000, 27000, 22000, 12000, 11000, 10000, 9700, 9600, 8800	9	Therefore, Potential Statistical Outliers are 34000, 30000, 27000, 22000, 12000, 11000, 10000, 9700, 9600
0.5-3.5	Semivolatiles	Benzo(g,h,i)perylene	353	ppb	1261	1749	10	8	Therefore, Potential Statistical Outliers are 19000, 16000, 15000, 5500, 5300, 5200, 4800, 4660	6	Therefore, Potential Statistical Outliers are 19000, 16000, 15000, 5500, 5300, 5200
0.5-3.5	Semivolatiles	Benzo(k)fluoranthene	349	ppb	1781	2006	10	8	Therefore, Potential Statistical Outliers are 20000, 12000, 12000, 11000, 9400, 8900, 8100, 7800	8	Therefore, Potential Statistical Outliers are 20000, 12000, 12000, 11000, 9400, 8900, 8100, 7800
0.5-3.5	Semivolatiles	bis(2-Ethylhexyl)phthalate	290	ppb	29839	57656	10	10	Therefore, Potential Statistical Outliers are 540000, 400000, 310000, 260000, 250000, 250000, 240000, 170000, 170000, 150000	10	Therefore, Potential Statistical Outliers are 540000, 400000, 310000, 260000, 250000, 250000, 240000, 170000, 170000, 150000
0.5-3.5	Semivolatiles	Butyl benzyl phthalate	102	ppb	219	315.6	10	4	Therefore, Potential Statistical Outliers are 2800, 1600, 601, 550	2	Therefore, Potential Statistical Outliers are 2800, 1600
0.5-3.5	Semivolatiles	Carbazole	131	ppb	220.9	292.4	10	9	Therefore, Potential Statistical Outliers are 1700, 1600, 1300, 1300, 1200, 970, 950, 740, 600	8	Therefore, Potential Statistical Outliers are 1700, 1600, 1300, 1300, 1200, 970, 950, 740
0.5-3.5	Semivolatiles	Chrysene	362	ppb	2934	4567	10	10	Therefore, Potential Statistical Outliers are 46000, 38000, 34000, 34000, 20000, 16000, 15000, 12000, 12000, 12000	10	Therefore, Potential Statistical Outliers are 46000, 38000, 34000, 34000, 20000, 16000, 15000, 12000, 12000, 12000
0.5-3.5	Semivolatiles	Dibenzo(a,h)anthracene	296	ppb	444.7	712.8	10	10	Therefore, Potential Statistical Outliers are 7500, 5100, 4800, 4400, 4000, 2100, 1800, 1600, 1600, 1600	10	Therefore, Potential Statistical Outliers are 7500, 5100, 4800, 4400, 4000, 2100, 1800, 1600, 1600, 1600
0.5-3.5	Semivolatiles	Dibenzofuran	107	ppb	468.5	1685	10	10	Therefore, Potential Statistical Outliers are 16000, 6400, 3500, 2000, 1400, 1100, 1000, 960, 820, 800	10	Therefore, Potential Statistical Outliers are 16000, 6400, 3500, 2000, 1400, 1100, 1000, 960, 820, 800
0.5-3.5	Semivolatiles	Di-n-Butylphthalate	48	ppb	366.2	481.8	10	10	Therefore, Potential Statistical Outliers are 1800, 1700, 1450, 1400, 1300, 1300, 900, 810, 770, 600	9	Therefore, Potential Statistical Outliers are 1800, 1700, 1450, 1400, 1300, 1300, 900, 810, 770
0.5-3.5	Semivolatiles	Di-n-Octylphthalate	124	ppb	1319	2317	10	10	Therefore, Potential Statistical Outliers are 15600, 14000, 9110, 8530, 6800, 6400, 5000, 4700, 4500, 3400	9	Therefore, Potential Statistical Outliers are 15600, 14000, 9110, 8530, 6800, 6400, 5000, 4700, 4500
0.5-3.5	Semivolatiles	Fluoranthene	364	ppb	5145	9744	10	10	Therefore, Potential Statistical Outliers are 120000, 79000, 68000, 58000, 41000, 29000, 26000, 24000, 23000, 22000	10	Therefore, Potential Statistical Outliers are 120000, 79000, 68000, 58000, 41000, 29000, 26000, 24000, 23000, 22000
0.5-3.5	Semivolatiles	Fluorene	285	ppb	903.5	4313	10	10	Therefore, Potential Statistical Outliers are 59000, 28000, 23000, 21000, 12000, 4000, 4000, 3100, 3000, 2500	10	Therefore, Potential Statistical Outliers are 59000, 28000, 23000, 21000, 12000, 4000, 4000, 3100, 3000, 2500
0.5-3.5	Semivolatiles	Indeno(1,2,3-cd)pyrene	348	ppb	1149	1504	10	9	Therefore, Potential Statistical Outliers are 14000, 13000, 13000, 8700, 5100, 4600, 4600, 4500, 4400	9	Therefore, Potential Statistical Outliers are 14000, 13000, 13000, 8700, 5100, 4600, 4600, 4500, 4400
0.5-3.5	Semivolatiles	Naphthalene	303	ppb	1781	11360	10	10	Therefore, Potential Statistical Outliers are 150000, 110000, 49000, 47000, 16000, 14000, 9900, 4200, 4100, 3400	10	Therefore, Potential Statistical Outliers are 150000, 110000, 49000, 47000, 16000, 14000, 9900, 4200, 4100, 3400

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Semivolatiles	N-Nitrosodiphenylamine	37	ppb	547	887.6	10	5	Therefore, Potential Statistical Outliers are 5000, 2100, 1500, 1400, 1200	2	Therefore, Potential Statistical Outliers are 5000, 2100
0.5-3.5	Semivolatiles	Phenanthrene	349	ppb	3636	18686	10	10	Therefore, Potential Statistical Outliers are 310000, 100000, 93000, 67000, 40000, 39000, 23000, 17000, 17000, 16000	10	Therefore, Potential Statistical Outliers are 310000, 100000, 93000, 67000, 40000, 39000, 23000, 17000, 17000, 16000
0.5-3.5	Semivolatiles	Pyrene	369	ppb	5001	9379	10	10	Therefore, Potential Statistical Outliers are 120000, 74000, 66000, 63000, 34000, 25000, 23000, 22000, 22000, 21000	10	Therefore, Potential Statistical Outliers are 120000, 74000, 66000, 63000, 34000, 25000, 23000, 22000, 22000, 21000
0.5-3.5	Semivolatiles	Total HMW PAHs-SVOC	356	ppb	23865	40345	10	10	Therefore, Potential Statistical Outliers are 420000, 370000, 310000, 280000, 140000, 130000, 120000, 100000, 99000, 92000	10	Therefore, Potential Statistical Outliers are 420000, 370000, 310000, 280000, 140000, 130000, 120000, 100000, 99000, 92000
0.5-3.5	Semivolatiles	Total LMW PAHs-SVOC	327	ppb	9814	49219	10	10	Therefore, Potential Statistical Outliers are 710000, 370000, 250000, 230000, 190000, 99000, 60000, 42000, 41000, 33000	10	Therefore, Potential Statistical Outliers are 710000, 370000, 250000, 230000, 190000, 99000, 60000, 42000, 41000, 33000
0.5-3.5	Semivolatiles	TOTAL PAHs - SVOC	347	ppb	32801	83618	10	10	Therefore, Potential Statistical Outliers are 1100000, 680000, 600000, 390000, 380000, 290000, 170000, 150000, 120000, 110000	10	Therefore, Potential Statistical Outliers are 1100000, 680000, 600000, 390000, 380000, 290000, 170000, 150000, 120000, 110000
0.5-3.5	TPH	Total Petroleum Hydrocarbons	272	ppm	2667	3007	10	9	Therefore, Potential Statistical Outliers are 19000, 17000, 15000, 14000, 14000, 11000, 11000, 11000, 11000	5	Therefore, Potential Statistical Outliers are 19000, 17000, 15000, 14000, 14000
0.5-3.5	Volatiles	1,4-Dichlorobenzene	37	ppb	34.99	103.1	10	3	Therefore, Potential Statistical Outliers are 540, 360, 39	2	Therefore, Potential Statistical Outliers are 540, 360
0.5-3.5	Volatiles	2-Butanone	81	ppb	41.2	58.41	10	8	Therefore, Potential Statistical Outliers are 460, 150, 150, 130, 130, 120, 113, 110	8	Therefore, Potential Statistical Outliers are 460, 150, 150, 130, 130, 120, 113, 110
0.5-3.5	Volatiles	4-Methyl-2-pentanone	26	ppb	2.417	3.497	10	10	Therefore, Potential Statistical Outliers are 10, 9.1, 8.4, 7.6, 7, 6.45, 5.1, 3.7, 3.5, 2	10	Therefore, Potential Statistical Outliers are 10, 9.1, 8.4, 7.6, 7, 6.45, 5.1, 3.7, 3.5, 2
0.5-3.5	Volatiles	Acetone	198	ppb	100.8	120.6	10	9	Therefore, Potential Statistical Outliers are 660, 630, 600, 600, 580, 500, 460, 440, 375	8	Therefore, Potential Statistical Outliers are 660, 630, 600, 600, 580, 500, 460, 440
0.5-3.5	Volatiles	Benzene	82	ppb	1449	11142	10	10	Therefore, Potential Statistical Outliers are 100000, 15000, 1800, 210, 200, 200, 160, 120, 110, 110	10	Therefore, Potential Statistical Outliers are 100000, 15000, 1800, 210, 200, 200, 160, 120, 110, 110
0.5-3.5	Volatiles	Carbon Disulfide	138	ppb	15.98	32.91	10	10	Therefore, Potential Statistical Outliers are 330, 150, 79, 72, 67, 66, 60, 54, 52, 49	10	Therefore, Potential Statistical Outliers are 330, 150, 79, 72, 67, 66, 60, 54, 52, 49
0.5-3.5	Volatiles	Chlorobenzene	54	ppb	9.903	9.075	10	1	Therefore, Observation 43 is a Potential Statistical Outlier	1	Therefore, Observation 43 is a Potential Statistical Outlier
0.5-3.5	Volatiles	Ethylbenzene	35	ppb	8671	48974	10	10	Therefore, Potential Statistical Outliers are 290000, 8000, 3900, 470, 370, 190, 140, 140, 110, 34.5	10	Therefore, Potential Statistical Outliers are 290000, 8000, 3900, 470, 370, 190, 140, 140, 110, 34.5
0.5-3.5	Volatiles	Toluene	48	ppb	1992	13710	10	7	Therefore, Potential Statistical Outliers are 95000, 240, 44, 36, 34, 28, 18	6	Therefore, Potential Statistical Outliers are 95000, 240, 44, 36, 34, 28

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
0.5-3.5	Volatiles	Xylene (Total)	44	ppb	126.9	263.4	10	10	Therefore, Potential Statistical Outliers are 1300, 890, 730, 480, 410, 340, 200, 170, 160, 160	10	Therefore, Potential Statistical Outliers are 1300, 890, 730, 480, 410, 340, 200, 170, 160, 160
>3.5	Cyanide	Total Cyanide	232	ppm	5.074	19.76	10	10	Therefore, Potential Statistical Outliers are 249, 98.9, 88, 74.5, 43.2, 40.7, 38.3, 37.1, 23.9, 23.4	10	Therefore, Potential Statistical Outliers are 249, 98.9, 88, 74.5, 43.2, 40.7, 38.3, 37.1, 23.9, 23.4
>3.5	Dioxins/Furans	1,2,3,4,6,7,8-HpCDD	379	ppt	584.1	808.9	10	8	Therefore, Potential Statistical Outliers are 6430, 5200, 3850, 3400, 3385, 3360, 3230, 3030	7	Therefore, Potential Statistical Outliers are 6430, 5200, 3850, 3400, 3385, 3360, 3230
>3.5	Dioxins/Furans	1,2,3,4,6,7,8-HpCDF	360	ppt	902.7	1767	10	10	Therefore, Potential Statistical Outliers are 20500, 13300, 11900, 7020, 6980, 6590, 6340, 5910, 5130, 5010	10	Therefore, Potential Statistical Outliers are 20500, 13300, 11900, 7020, 6980, 6590, 6340, 5910, 5130, 5010
>3.5	Dioxins/Furans	1,2,3,4,7,8,9-HpCDF	304	ppt	37.94	53.64	10	10	Therefore, Potential Statistical Outliers are 462, 427, 264, 260, 237, 193, 192, 183, 166, 165	10	Therefore, Potential Statistical Outliers are 462, 427, 264, 260, 237, 193, 192, 183, 166, 165
>3.5	Dioxins/Furans	1,2,3,4,7,8-HxCDD	324	ppt	7.457	13.52	10	3	Therefore, Potential Statistical Outliers are 216, 37.3, 33.3	2	Therefore, Potential Statistical Outliers are 216, 37.3
>3.5	Dioxins/Furans	1,2,3,4,7,8-HxCDF	350	ppt	198.1	363.5	10	10	Therefore, Potential Statistical Outliers are 3960, 2600, 2480, 1510, 1510, 1320, 1310, 1220, 1150, 1100	10	Therefore, Potential Statistical Outliers are 3960, 2600, 2480, 1510, 1510, 1320, 1310, 1220, 1150, 1100
>3.5	Dioxins/Furans	1,2,3,6,7,8-HxCDD	355	ppt	40.78	59.75	10	1	Therefore, Observation 775 is a Potential Statistical Outlier	1	Therefore, Observation 775 is a Potential Statistical Outlier
>3.5	Dioxins/Furans	1,2,3,6,7,8-HxCDF	329	ppt	59.37	87.76	10	10	Therefore, Potential Statistical Outliers are 689, 683.5, 644, 403, 383, 352, 352, 347, 335, 333	10	Therefore, Potential Statistical Outliers are 689, 683.5, 644, 403, 383, 352, 352, 347, 335, 333
>3.5	Dioxins/Furans	1,2,3,7,8,9-HxCDD	352	ppt	20.57	34.14	10	2	Therefore, Potential Statistical Outliers are 532, 96.3	1	Therefore, Observation 532 is a Potential Statistical Outlier
>3.5	Dioxins/Furans	1,2,3,7,8,9-HxCDF	184	ppt	8.201	12.95	10	10	Therefore, Potential Statistical Outliers are 75.3, 74.3, 66.3, 49.5, 46.8, 45.3, 42.7, 39.6, 39, 33.6	9	Therefore, Potential Statistical Outliers are 75.3, 74.3, 66.3, 49.5, 46.8, 45.3, 42.7, 39.6, 39
>3.5	Dioxins/Furans	1,2,3,7,8-PeCDD	318	ppt	10.86	17.61	10	10	Therefore, Potential Statistical Outliers are 224, 84.2, 78.1, 71.6, 63.2, 59.9, 58.9, 52.3, 48.2, 45.9	8	Therefore, Potential Statistical Outliers are 224, 84.2, 78.1, 71.6, 63.2, 59.9, 58.9, 52.3
>3.5	Dioxins/Furans	1,2,3,7,8-PeCDF	315	ppt	25.95	39.94	10	10	Therefore, Potential Statistical Outliers are 542, 191, 182, 173, 144, 120, 105, 102, 102, 100	6	Therefore, Potential Statistical Outliers are 542, 191, 182, 173, 144, 120
>3.5	Dioxins/Furans	2,3,4,6,7,8-HxCDF	323	ppt	26.74	31.85	10	10	Therefore, Potential Statistical Outliers are 242, 226, 182, 164, 137, 135, 127, 111, 110, 106	7	Therefore, Potential Statistical Outliers are 242, 226, 182, 164, 137, 135, 127
>3.5	Dioxins/Furans	2,3,4,7,8-PeCDF	326	ppt	36.65	44.84	10	7	Therefore, Potential Statistical Outliers are 360, 302, 263, 245, 191, 164, 160	5	Therefore, Potential Statistical Outliers are 360, 302, 263, 245, 191
>3.5	Dioxins/Furans	2,3,7,8-TCDD	328	ppt	1030	7283	10	10	Therefore, Potential Statistical Outliers are 126000, 31000, 19900, 8840, 8750, 5010, 4510, 4420, 4230, 4090	10	Therefore, Potential Statistical Outliers are 126000, 31000, 19900, 8840, 8750, 5010, 4510, 4420, 4230, 4090
>3.5	Dioxins/Furans	2,3,7,8-TCDF	321	ppt	36.14	49.59	10	7	Therefore, Potential Statistical Outliers are 632, 216, 215, 195, 173, 154, 148	5	Therefore, Potential Statistical Outliers are 632, 216, 215, 195, 173
>3.5	Dioxins/Furans	OCDD	397	ppt	5965	7736	10	8	Therefore, Potential Statistical Outliers are 45900, 45300, 37800, 34300, 31300, 31200, 30900, 30500	3	Therefore, Potential Statistical Outliers are 45900, 45300, 37800

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	Dioxins/Furans	OCDF	354	ppt	1605	3981	10	10	Therefore, Potential Statistical Outliers are 62750, 20800, 16500, 11700, 10800, 10400, 10100, 9360, 8290, 7260	9	Therefore, Potential Statistical Outliers are 62750, 20800, 16500, 11700, 10800, 10400, 10100, 9360, 8290
>3.5	Dioxins/Furans	Total HpCDD	393	ppt	1344	2110	10	8	Therefore, Potential Statistical Outliers are 24700, 11800, 10795, 9850, 7990, 7970, 7270, 6820	6	Therefore, Potential Statistical Outliers are 24700, 11800, 10795, 9850, 7990, 7970
>3.5	Dioxins/Furans	Total HpCDF	363	ppt	1329	2268	10	10	Therefore, Potential Statistical Outliers are 23400, 16600, 14300, 10100, 9680, 9020, 8070, 7180, 6820, 6600	9	Therefore, Potential Statistical Outliers are 23400, 16600, 14300, 10100, 9680, 9020, 8070, 7180, 6820
>3.5	Dioxins/Furans	Total HxCDD	407	ppt	383.6	1633	10	3	Therefore, Potential Statistical Outliers are 32200, 4150, 1960	3	Therefore, Potential Statistical Outliers are 32200, 4150, 1960
>3.5	Dioxins/Furans	Total HxCDF	367	ppt	757	1170	10	10	Therefore, Potential Statistical Outliers are 9130, 8660, 8315, 5740, 5440, 5320, 4970, 4960, 4070, 3890	10	Therefore, Potential Statistical Outliers are 9130, 8660, 8315, 5740, 5440, 5320, 4970, 4960, 4070, 3890
>3.5	Dioxins/Furans	Total PeCDD	387	ppt	128.9	499.9	10	10	Therefore, Potential Statistical Outliers are 9400, 1360, 1220, 1030, 956, 841, 768, 661, 638, 612	10	Therefore, Potential Statistical Outliers are 9400, 1360, 1220, 1030, 956, 841, 768, 661, 638, 612
>3.5	Dioxins/Furans	Total PeCDF	368	ppt	882.1	1348	10	10	Therefore, Potential Statistical Outliers are 8570, 8350, 6700, 6620, 6480, 6320, 5750, 5600, 5410, 4840	10	Therefore, Potential Statistical Outliers are 8570, 8350, 6700, 6620, 6480, 6320, 5750, 5600, 5410, 4840
>3.5	Dioxins/Furans	Total TCDD	387	ppt	1098	7078	10	10	Therefore, Potential Statistical Outliers are 129000, 39250, 23400, 18900, 11200, 11100, 6250, 5380, 5200, 5010	10	Therefore, Potential Statistical Outliers are 129000, 39250, 23400, 18900, 11200, 11100, 6250, 5380, 5200, 5010
>3.5	Dioxins/Furans	Total TCDF	373	ppt	1362	2484	10	10	Therefore, Potential Statistical Outliers are 17650, 17000, 13200, 12700, 12200, 11900, 11200, 10800, 9520, 9090	10	Therefore, Potential Statistical Outliers are 17650, 17000, 13200, 12700, 12200, 11900, 11200, 10800, 9520, 9090
>3.5	Herbicides	2,4,5-T	82	ppb	41.75	39.77	10	3	Therefore, Potential Statistical Outliers are 280, 190, 130	3	Therefore, Potential Statistical Outliers are 280, 190, 130
>3.5	Herbicides	2,4,5-TP (Silvex)	98	ppb	66.45	69.42	10	6	Therefore, Potential Statistical Outliers are 410, 330, 270, 270, 230, 200	5	Therefore, Potential Statistical Outliers are 410, 330, 270, 270, 230
>3.5	Herbicides	2,4-D	117	ppb	148.9	119.5	10	2	Therefore, Potential Statistical Outliers are 600, 540	0	No Outlier
>3.5	Herbicides	2,4-DB	59	ppb	527.5	565.4	10	9	Therefore, Potential Statistical Outliers are 2500, 2100, 1950, 1600, 1600, 1500, 1400, 1300, 1200	0	No Outlier
>3.5	Metals	Aluminum	463	ppm	13152	4675	10	1	Therefore, Observation 31700 is a Potential Statistical Outlier	0	No Outlier
>3.5	Metals	Antimony	138	ppm	1.624	3.072	10	6	Therefore, Potential Statistical Outliers are 31.8, 11.8, 11.4, 6.8, 6.09, 4.4	5	Therefore, Potential Statistical Outliers are 31.8, 11.8, 11.4, 6.8, 6.09
>3.5	Metals	Arsenic	458	ppm	32.05	39.54	10	4	Therefore, Potential Statistical Outliers are 530, 228, 174, 153	3	Therefore, Potential Statistical Outliers are 530, 228, 174
>3.5	Metals	Barium	451	ppm	292.5	535.6	10	10	Therefore, Potential Statistical Outliers are 6140, 4220, 2930, 2800, 2540, 2440, 2270, 2220, 2160, 2140	10	Therefore, Potential Statistical Outliers are 6140, 4220, 2930, 2800, 2540, 2440, 2270, 2220, 2160, 2140
>3.5	Metals	Beryllium	430	ppm	0.725	0.285	10	3	Therefore, Potential Statistical Outliers are 1.95, 1.91, 1.81	2	Therefore, Potential Statistical Outliers are 1.95, 1.91

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	Metals	Cadmium	409	ppm	6.947	8.67	10	4	Therefore, Potential Statistical Outliers are 90.1, 62, 42.7, 38.2	4	Therefore, Potential Statistical Outliers are 90.1, 62, 42.7, 38.2
>3.5	Metals	Calcium	460	ppm	9408	21546	10	10	Therefore, Potential Statistical Outliers are 225000, 186000, 185000, 173500, 170000, 144000, 98400, 81000, 71500, 55700	10	Therefore, Potential Statistical Outliers are 225000, 186000, 185000, 173500, 170000, 144000, 98400, 81000, 71500, 55700
>3.5	Metals	Chromium	874	ppm	321.1	487.2	10	10	Therefore, Potential Statistical Outliers are 7140, 3170, 2950, 2570, 2470, 2260, 2200, 2000, 1920, 1920	10	Therefore, Potential Statistical Outliers are 7140, 3170, 2950, 2570, 2470, 2260, 2200, 2000, 1920, 1920
>3.5	Metals	Cobalt	450	ppm	10.4	4.37	10	6	Therefore, Potential Statistical Outliers are 39, 33.65, 29.4, 28.8, 27.6, 25.9	6	Therefore, Potential Statistical Outliers are 39, 33.65, 29.4, 28.8, 27.6, 25.9
>3.5	Metals	Copper	451	ppm	254	246.2	10	1	Therefore, Observation 1670 is a Potential Statistical Outlier	1	Therefore, Observation 1670 is a Potential Statistical Outlier
>3.5	Metals	Iron	463	ppm	28693	9522	10	0	No Outlier	0	No Outlier
>3.5	Metals	Lead	447	ppm	312.1	482.5	10	10	Therefore, Potential Statistical Outliers are 7920, 2050, 1810, 1720, 1710, 1620, 1590, 1460, 1420, 1330	9	Therefore, Potential Statistical Outliers are 7920, 2050, 1810, 1720, 1710, 1620, 1590, 1460, 1420
>3.5	Metals	Magnesium	463	ppm	6608	2335	10	1	Therefore, Observation 16000 is a Potential Statistical Outlier	0	No Outlier
>3.5	Metals	Manganese	451	ppm	388.5	161	10	3	Therefore, Potential Statistical Outliers are 1180, 1110, 1040	3	Therefore, Potential Statistical Outliers are 1180, 1110, 1040
>3.5	Metals	Mercury	392	ppm	9.796	25.76	10	10	Therefore, Potential Statistical Outliers are 436, 122, 115, 100, 79.2, 78.4, 75.5, 73.4, 56.7, 53.6	10	Therefore, Potential Statistical Outliers are 436, 122, 115, 100, 79.2, 78.4, 75.5, 73.4, 56.7, 53.6
>3.5	Metals	Nickel	451	ppm	40.45	24.59	10	1	Therefore, Observation 159 is a Potential Statistical Outlier	1	Therefore, Observation 159 is a Potential Statistical Outlier
>3.5	Metals	Potassium	459	ppm	2525	1093	10	3	Therefore, Potential Statistical Outliers are 8210, 7500, 6690	2	Therefore, Potential Statistical Outliers are 8210, 7500
>3.5	Metals	Selenium	322	ppm	1.794	1.446	10	9	Therefore, Potential Statistical Outliers are 9.9, 9.1, 8.2, 7.7, 7.5, 6.35, 6.3, 5.9, 5.9	5	Therefore, Potential Statistical Outliers are 9.9, 9.1, 8.2, 7.7, 7.5
>3.5	Metals	Silver	369	ppm	4.418	3.578	10	0	No Outlier	0	No Outlier
>3.5	Metals	Sodium	463	ppm	5880	3129	10	0	No Outlier	0	No Outlier
>3.5	Metals	Thallium	324	ppm	0.293	0.316	10	10	Therefore, Potential Statistical Outliers are 2.8, 2.6, 2.2, 2, 1.7, 1.5, 1.25, 1.1, 0.988, 0.97	10	Therefore, Potential Statistical Outliers are 2.8, 2.6, 2.2, 2, 1.7, 1.5, 1.25, 1.1, 0.988, 0.97
>3.5	Metals	Titanium	422	ppm	372.2	121.4	10	0	No Outlier	0	No Outlier
>3.5	Metals	Vanadium	451	ppm	42.94	25.58	10	4	Therefore, Potential Statistical Outliers are 230, 207, 165, 153.5	4	Therefore, Potential Statistical Outliers are 230, 207, 165, 153.5
>3.5	Metals	Zinc	451	ppm	483.7	494.9	10	10	Therefore, Potential Statistical Outliers are 3450, 3160, 2920, 2830, 2600, 2510, 2260, 2160, 2050, 2050	8	Therefore, Potential Statistical Outliers are 3450, 3160, 2920, 2830, 2600, 2510, 2260, 2160
>3.5	Organotin	Dibutyltin	109	ppb	68.86	58.74	10	0	No Outlier	0	No Outlier
>3.5	Organotin	Monobutyltin	90	ppb	36.42	27.27	10	0	No Outlier	0	No Outlier
>3.5	Organotin	Tetrabutyltin	84	ppb	6.011	6.343	10	5	Therefore, Potential Statistical Outliers are 44, 26, 26, 24, 16	5	Therefore, Potential Statistical Outliers are 44, 26, 26, 24, 16
>3.5	Organotin	Tributyltin	103	ppb	36.54	28.32	10	0	No Outlier	0	No Outlier
>3.5	PBDE	BDE-1	25	ppb	0.115	0.406	10	6	Therefore, Potential Statistical Outliers are 2.04, 0.305, 0.141, 0.113, 0.0795, 0.0349	6	Therefore, Potential Statistical Outliers are 2.04, 0.305, 0.141, 0.113, 0.0795, 0.0349
>3.5	PBDE	BDE-100	28	ppb	0.0404	0.0965	10	3	Therefore, Potential Statistical Outliers are 0.515, 0.108, 0.0803	2	Therefore, Potential Statistical Outliers are 0.515, 0.108

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Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	PBDE	BDE-15	43	ppb	3.954	18.89	10	7	Therefore, Potential Statistical Outliers are 119, 38.6, 1.94, 1.59, 1.47, 0.868, 0.847	5	Therefore, Potential Statistical Outliers are 119, 38.6, 1.94, 1.59, 1.47
>3.5	PBDE	BDE-209	26	ppb	25.74	53.79	10	4	Therefore, Potential Statistical Outliers are 238, 119, 112, 68.3	4	Therefore, Potential Statistical Outliers are 238, 119, 112, 68.3
>3.5	PBDE	BDE-28/33	31	ppb	0.282	1.067	10	8	Therefore, Potential Statistical Outliers are 5.48, 2.56, 0.109, 0.0984, 0.0784, 0.0638, 0.042, 0.0419	6	Therefore, Potential Statistical Outliers are 5.48, 2.56, 0.109, 0.0984, 0.0784, 0.0638
>3.5	PBDE	BDE-3	38	ppb	1.304	5.942	10	5	Therefore, Potential Statistical Outliers are 36.2, 7.51, 1.28, 1.19, 0.67	5	Therefore, Potential Statistical Outliers are 36.2, 7.51, 1.28, 1.19, 0.67
>3.5	PBDE	BDE-8/11	35	ppb	0.65	2.985	10	8	Therefore, Potential Statistical Outliers are 17.5, 3.36, 0.271, 0.258, 0.177, 0.144, 0.126, 0.116	4	Therefore, Potential Statistical Outliers are 17.5, 3.36, 0.271, 0.258
>3.5	Aroclor PCBs	Aroclor-1242	202	ppb	1648	6462	10	10	Therefore, Potential Statistical Outliers are 88000, 17000, 11000, 11000, 10000, 8600, 7100, 6500, 5200, 5200	10	Therefore, Potential Statistical Outliers are 88000, 17000, 11000, 11000, 10000, 8600, 7100, 6500, 5200, 5200
>3.5	Aroclor PCBs	Aroclor-1254	241	ppb	1015	1717	10	10	Therefore, Potential Statistical Outliers are 16000, 13000, 8000, 7500, 6500, 4200, 4200, 4100, 4000, 3900	5	Therefore, Potential Statistical Outliers are 16000, 13000, 8000, 7500, 6500
>3.5	Aroclor PCBs	Aroclor-1260	240	ppb	363.3	642.3	10	10	Therefore, Potential Statistical Outliers are 5800, 5300, 4900, 2500, 1300, 1300, 1300, 1300, 1300, 1200	9	Therefore, Potential Statistical Outliers are 5800, 5300, 4900, 2500, 1300, 1300, 1300, 1300
>3.5	Aroclor PCBs	Aroclor-1268	35	ppb	89.74	52.73	10	0	No Outlier	0	No Outlier
>3.5	Aroclor PCBs	Total Aroclor PCBs (Sum of 7 Aroclors)	260	ppb	2729	7703	10	10	Therefore, Potential Statistical Outliers are 110000, 36000, 24000, 18000, 17000, 14000, 13000, 12000, 11000, 11000	10	Therefore, Potential Statistical Outliers are 110000, 36000, 24000, 18000, 17000, 14000, 13000, 12000, 11000, 11000
>3.5	Aroclor PCBs	Total Aroclor PCBs (Sum of 9 Aroclors)	269	ppb	2650	7585	10	10	Therefore, Potential Statistical Outliers are 110000, 36000, 24000, 18000, 17000, 14000, 13000, 12000, 11000, 11000	10	Therefore, Potential Statistical Outliers are 110000, 36000, 24000, 18000, 17000, 14000, 13000, 12000, 11000, 11000
>3.5	Congener PCBs	PCB-1	303	ppt	5402	35403	10	10	Therefore, Potential Statistical Outliers are 611000, 41000, 37200, 32400, 27100, 25600, 24600, 23100, 21900, 21200	10	Therefore, Potential Statistical Outliers are 611000, 41000, 37200, 32400, 27100, 25600, 24600, 23100, 21900, 21200
>3.5	Congener PCBs	PCB-100	158	ppt	721.3	922.8	10	10	Therefore, Potential Statistical Outliers are 8140, 3810, 3320, 3100, 2900, 2820, 2520, 2420, 2300, 2270	4	Therefore, Potential Statistical Outliers are 8140, 3810, 3320, 3100
>3.5	Congener PCBs	PCB-103	266	ppt	1342	1850	10	5	Therefore, Potential Statistical Outliers are 19100, 13700, 10880, 8450, 5080	4	Therefore, Potential Statistical Outliers are 19100, 13700, 10880, 8450
>3.5	Congener PCBs	PCB-104	108	ppt	143.4	221	10	4	Therefore, Potential Statistical Outliers are 1390, 1170, 943, 640	4	Therefore, Potential Statistical Outliers are 1390, 1170, 943, 640
>3.5	Congener PCBs	PCB-105	350	ppt	29725	59060	10	10	Therefore, Potential Statistical Outliers are 644000, 592000, 241000, 200000, 179000, 171000, 169000, 168000, 160000, 159000	10	Therefore, Potential Statistical Outliers are 644000, 592000, 241000, 200000, 179000, 171000, 169000, 168000, 160000, 159000

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Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	Congener PCBs	PCB-106/118	245	ppt	58720	89677	10	5	Therefore, Potential Statistical Outliers are 624000, 375000, 359000, 353000, 340000	1	Therefore, Observation 624000 is a Potential Statistical Outlier
>3.5	Congener PCBs	PCB-107/109	180	ppt	5847	7249	10	3	Therefore, Potential Statistical Outliers are 50200, 30400, 28800	1	Therefore, Observation 50200 is a Potential Statistical Outlier
>3.5	Congener PCBs	PCB-108/112	179	ppt	5126	7088	10	2	Therefore, Potential Statistical Outliers are 59400, 28300	2	Therefore, Potential Statistical Outliers are 59400, 28300
>3.5	Congener PCBs	PCB-11	306	ppt	30416	44735	10	8	Therefore, Potential Statistical Outliers are 379000, 271000, 203000, 197000, 184000, 166000, 159000, 152000	6	Therefore, Potential Statistical Outliers are 379000, 271000, 203000, 197000, 184000, 166000
>3.5	Congener PCBs	PCB-110	243	ppt	88015	129123	10	2	Therefore, Potential Statistical Outliers are 933000, 520000	1	Therefore, Observation 933000 is a Potential Statistical Outlier
>3.5	Congener PCBs	PCB-111/115	168	ppt	2159	2724	10	2	Therefore, Potential Statistical Outliers are 13400, 13100	2	Therefore, Potential Statistical Outliers are 13400, 13100
>3.5	Congener PCBs	PCB-113	142	ppt	615	1129	10	10	Therefore, Potential Statistical Outliers are 9040, 7520, 3730, 3410, 2690, 2530, 2150, 2050, 2000, 1990	10	Therefore, Potential Statistical Outliers are 9040, 7520, 3730, 3410, 2690, 2530, 2150, 2050, 2000, 1990
>3.5	Congener PCBs	PCB-114	289	ppt	2393	4607	10	10	Therefore, Potential Statistical Outliers are 54200, 35000, 16300, 15500, 14000, 11900, 11900, 11200, 11000, 10600	5	Therefore, Potential Statistical Outliers are 54200, 35000, 16300, 15500, 14000
>3.5	Congener PCBs	PCB-119	185	ppt	2226	3052	10	2	Therefore, Potential Statistical Outliers are 28900, 12400	2	Therefore, Potential Statistical Outliers are 28900, 12400
>3.5	Congener PCBs	PCB-12/13	259	ppt	7240	19621	10	5	Therefore, Potential Statistical Outliers are 293000, 86900, 51300, 30200, 27500	4	Therefore, Potential Statistical Outliers are 293000, 86900, 51300, 30200
>3.5	Congener PCBs	PCB-120	226	ppt	401.8	510.1	10	10	Therefore, Potential Statistical Outliers are 3060, 2960, 2890, 2750, 2325, 2320, 2000, 1810, 1700, 1600	10	Therefore, Potential Statistical Outliers are 3060, 2960, 2890, 2750, 2325, 2320, 2000, 1810, 1700, 1600
>3.5	Congener PCBs	PCB-122	269	ppt	1556	2967	10	10	Therefore, Potential Statistical Outliers are 35000, 22300, 11900, 9170, 8860, 8490, 6950, 6230, 6200, 6140	7	Therefore, Potential Statistical Outliers are 35000, 22300, 11900, 9170, 8860, 8490, 6950
>3.5	Congener PCBs	PCB-123	289	ppt	1708	2916	10	8	Therefore, Potential Statistical Outliers are 31500, 21900, 13400, 11400, 8680, 8620, 8350, 7970	7	Therefore, Potential Statistical Outliers are 31500, 21900, 13400, 11400, 8680, 8620, 8350
>3.5	Congener PCBs	PCB-124	172	ppt	3411	4083	10	3	Therefore, Potential Statistical Outliers are 18600, 17300, 16900	0	No Outlier
>3.5	Congener PCBs	PCB-126	267	ppt	467.3	592.6	10	5	Therefore, Potential Statistical Outliers are 6040, 2940, 2240, 2100, 2050	2	Therefore, Potential Statistical Outliers are 6040, 2940
>3.5	Congener PCBs	PCB-127	53	ppt	152.2	183.9	10	9	Therefore, Potential Statistical Outliers are 1010, 666, 484, 409, 404, 387, 355, 348, 338	9	Therefore, Potential Statistical Outliers are 1010, 666, 484, 409, 404, 387, 355, 348, 338
>3.5	Congener PCBs	PCB-128/162	188	ppt	10243	11552	10	0	No Outlier	0	No Outlier
>3.5	Congener PCBs	PCB-129	189	ppt	10111	36035	10	8	Therefore, Potential Statistical Outliers are 293000, 226000, 218000, 173000, 146000, 137000, 56700, 28900	8	Therefore, Potential Statistical Outliers are 293000, 226000, 218000, 173000, 146000, 137000, 56700, 28900

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Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	Congener PCBs	PCB-130	293	ppt	4986	7289	10	4	Therefore, Potential Statistical Outliers are 89300, 43400, 24300, 23500	2	Therefore, Potential Statistical Outliers are 89300, 43400
>3.5	Congener PCBs	PCB-131	135	ppt	1107	2345	10	9	Therefore, Potential Statistical Outliers are 22700, 9190, 6160, 5520, 5180, 4880, 4850, 4690, 3460	8	Therefore, Potential Statistical Outliers are 22700, 9190, 6160, 5520, 5180, 4880, 4850, 4690
>3.5	Congener PCBs	PCB-132/161	194	ppt	18996	21982	10	0	No Outlier	0	No Outlier
>3.5	Congener PCBs	PCB-133/142	171	ppt	2294	2423	10	1	Therefore, Observation 14600 is a Potential Statistical Outlier	1	Therefore, Observation 14600 is a Potential Statistical Outlier
>3.5	Congener PCBs	PCB-134/143	277	ppt	4667	7338	10	6	Therefore, Potential Statistical Outliers are 85700, 53400, 29900, 20900, 20700, 19700	3	Therefore, Potential Statistical Outliers are 85700, 53400, 29900
>3.5	Congener PCBs	PCB-135	199	ppt	11272	15316	10	8	Therefore, Potential Statistical Outliers are 114000, 85900, 70600, 69300, 56100, 48200, 47100, 44800	5	Therefore, Potential Statistical Outliers are 114000, 85900, 70600, 69300, 56100
>3.5	Congener PCBs	PCB-136	306	ppt	11009	17255	10	4	Therefore, Potential Statistical Outliers are 183000, 143000, 110000, 49500	3	Therefore, Potential Statistical Outliers are 183000, 143000, 110000
>3.5	Congener PCBs	PCB-137	291	ppt	3779	6024	10	4	Therefore, Potential Statistical Outliers are 78500, 27200, 23400, 19450	4	Therefore, Potential Statistical Outliers are 78500, 27200, 23400, 19450
>3.5	Congener PCBs	PCB-138/163/164	218	ppt	57776	71625	10	0	No Outlier	0	No Outlier
>3.5	Congener PCBs	PCB-139/149	213	ppt	51790	62108	10	1	Therefore, Observation 293000 is a Potential Statistical Outlier	0	No Outlier
>3.5	Congener PCBs	PCB-14	63	ppt	403.2	1394	10	10	Therefore, Potential Statistical Outliers are 10500, 2760, 2225, 1710, 1240, 1115, 814, 674, 467, 438	8	Therefore, Potential Statistical Outliers are 10500, 2760, 2225, 1710, 1240, 1115, 814, 674
>3.5	Congener PCBs	PCB-140	158	ppt	487.2	465.5	10	2	Therefore, Potential Statistical Outliers are 3170, 2180	2	Therefore, Potential Statistical Outliers are 3170, 2180
>3.5	Congener PCBs	PCB-141	308	ppt	15059	25734	10	6	Therefore, Potential Statistical Outliers are 270000, 228000, 180000, 71200, 68000, 65500	3	Therefore, Potential Statistical Outliers are 270000, 228000, 180000
>3.5	Congener PCBs	PCB-144	289	ppt	4180	6474	10	7	Therefore, Potential Statistical Outliers are 61100, 58700, 42700, 21400, 19000, 16900, 16900	5	Therefore, Potential Statistical Outliers are 61100, 58700, 42700, 21400, 19000
>3.5	Congener PCBs	PCB-145	112	ppt	55.3	41.31	10	2	Therefore, Potential Statistical Outliers are 230, 204	2	Therefore, Potential Statistical Outliers are 230, 204
>3.5	Congener PCBs	PCB-146/165	189	ppt	9531	10208	10	0	No Outlier	0	No Outlier
>3.5	Congener PCBs	PCB-147	181	ppt	8364	32548	10	10	Therefore, Potential Statistical Outliers are 263000, 195000, 182000, 171000, 123000, 116000, 47800, 30500, 15200, 14200	10	Therefore, Potential Statistical Outliers are 263000, 195000, 182000, 171000, 123000, 116000, 47800, 30500, 15200, 14200
>3.5	Congener PCBs	PCB-148	190	ppt	231.8	302.1	10	8	Therefore, Potential Statistical Outliers are 2665, 2360, 1440, 949, 765, 744.5, 740, 696	4	Therefore, Potential Statistical Outliers are 2665, 2360, 1440, 949
>3.5	Congener PCBs	PCB-15	320	ppt	31830	126556	10	10	Therefore, Potential Statistical Outliers are 2200000, 243000, 144000, 142000, 141000, 138000, 136000, 135000, 134000, 131000	2	Therefore, Potential Statistical Outliers are 2200000, 243000

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Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	Congener PCBs	PCB-150	217	ppt	391.6	766	10	7	Therefore, Potential Statistical Outliers are 8215, 7130, 1715, 1650, 1610, 1520, 1230	6	Therefore, Potential Statistical Outliers are 8215, 7130, 1715, 1650, 1610, 1520
>3.5	Congener PCBs	PCB-151	205	ppt	15037	17276	10	1	Therefore, Observation 84900 is a Potential Statistical Outlier	1	Therefore, Observation 84900 is a Potential Statistical Outlier
>3.5	Congener PCBs	PCB-152	163	ppt	128.3	164.6	10	2	Therefore, Potential Statistical Outliers are 1800, 726	2	Therefore, Potential Statistical Outliers are 1800, 726
>3.5	Congener PCBs	PCB-153	235	ppt	57674	69467	10	0	No Outlier	0	No Outlier
>3.5	Congener PCBs	PCB-154	281	ppt	1721	3685	10	9	Therefore, Potential Statistical Outliers are 43050, 39300, 9390, 9300, 8865, 6980, 6860, 6830, 6100	8	Therefore, Potential Statistical Outliers are 43050, 39300, 9390, 9300, 8865, 6980, 6860, 6830
>3.5	Congener PCBs	PCB-155	203	ppt	1517	4063	10	10	Therefore, Potential Statistical Outliers are 35600, 22200, 21300, 16700, 15900, 13050, 12200, 10100, 9220, 8790	10	Therefore, Potential Statistical Outliers are 35600, 22200, 21300, 16700, 15900, 13050, 12200, 10100, 9220, 8790
>3.5	Congener PCBs	PCB-156	205	ppt	6826	7928	10	0	No Outlier	0	No Outlier
>3.5	Congener PCBs	PCB-157	189	ppt	1426	1606	10	1	Therefore, Observation 7495 is a Potential Statistical Outlier	0	No Outlier
>3.5	Congener PCBs	PCB-158/160	185	ppt	7900	8669	10	0	No Outlier	0	No Outlier
>3.5	Congener PCBs	PCB-159	182	ppt	863.4	1173	10	4	Therefore, Potential Statistical Outliers are 10300, 8810, 4130, 3410	3	Therefore, Potential Statistical Outliers are 10300, 8810, 4130
>3.5	Congener PCBs	PCB-16/32	204	ppt	57374	107229	10	9	Therefore, Potential Statistical Outliers are 807000, 633000, 406000, 403000, 392000, 329000, 326000, 298000, 290000	7	Therefore, Potential Statistical Outliers are 807000, 633000, 406000, 403000, 392000, 329000, 326000
>3.5	Congener PCBs	PCB-166	155	ppt	341.3	342.3	10	1	Therefore, Observation 1580 is a Potential Statistical Outlier	0	No Outlier
>3.5	Congener PCBs	PCB-167	301	ppt	2908	4306	10	4	Therefore, Potential Statistical Outliers are 52900, 23900, 16000, 15300	4	Therefore, Potential Statistical Outliers are 52900, 23900, 16000, 15300
>3.5	Congener PCBs	PCB-168	133	ppt	155.8	151.3	10	3	Therefore, Potential Statistical Outliers are 879, 811.5, 762	3	Therefore, Potential Statistical Outliers are 879, 811.5, 762
>3.5	Congener PCBs	PCB-169	108	ppt	331.3	481.6	10	7	Therefore, Potential Statistical Outliers are 3340, 2760, 1420, 1240, 1080, 1080, 1070	2	Therefore, Potential Statistical Outliers are 3340, 2760
>3.5	Congener PCBs	PCB-17	310	ppt	55178	250259	10	10	Therefore, Potential Statistical Outliers are 4270000, 568000, 413000, 300000, 295000, 268000, 261000, 253000, 228000, 227000	5	Therefore, Potential Statistical Outliers are 4270000, 568000, 413000, 300000, 295000
>3.5	Congener PCBs	PCB-170	315	ppt	18060	29491	10	5	Therefore, Potential Statistical Outliers are 289000, 267000, 250000, 89400, 79500	4	Therefore, Potential Statistical Outliers are 289000, 267000, 250000, 89400
>3.5	Congener PCBs	PCB-171	193	ppt	4795	4762	10	0	No Outlier	0	No Outlier
>3.5	Congener PCBs	PCB-172	288	ppt	3463	5185	10	5	Therefore, Potential Statistical Outliers are 54200, 43400, 40100, 14600, 14100	5	Therefore, Potential Statistical Outliers are 54200, 43400, 40100, 14600, 14100
>3.5	Congener PCBs	PCB-173	163	ppt	461.9	434.9	10	0	No Outlier	0	No Outlier

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	Congener PCBs	PCB-174	315	ppt	20778	33277	10	5	Therefore, Potential Statistical Outliers are 346000, 295000, 259000, 95200, 87200	4	Therefore, Potential Statistical Outliers are 346000, 295000, 259000, 95200
>3.5	Congener PCBs	PCB-175	282	ppt	1075	1368	10	6	Therefore, Potential Statistical Outliers are 12400, 10600, 10100, 5475, 4370, 4040	4	Therefore, Potential Statistical Outliers are 12400, 10600, 10100, 5475
>3.5	Congener PCBs	PCB-176	293	ppt	3097	4211	10	5	Therefore, Potential Statistical Outliers are 38900, 35000, 32800, 13600, 12400	4	Therefore, Potential Statistical Outliers are 38900, 35000, 32800, 13600
>3.5	Congener PCBs	PCB-177	310	ppt	11893	17657	10	5	Therefore, Potential Statistical Outliers are 179000, 149000, 137000, 52900, 49300	3	Therefore, Potential Statistical Outliers are 179000, 149000, 137000
>3.5	Congener PCBs	PCB-178	297	ppt	4884	6568	10	4	Therefore, Potential Statistical Outliers are 63000, 54700, 53900, 20100	3	Therefore, Potential Statistical Outliers are 63000, 54700, 53900
>3.5	Congener PCBs	PCB-179	312	ppt	10725	15819	10	5	Therefore, Potential Statistical Outliers are 156000, 135000, 131000, 47500, 43300	4	Therefore, Potential Statistical Outliers are 156000, 135000, 131000, 47500
>3.5	Congener PCBs	PCB-18	229	ppt	93022	183264	10	9	Therefore, Potential Statistical Outliers are 1530000, 1090000, 693000, 691000, 654000, 573000, 557000, 534000, 505000	7	Therefore, Potential Statistical Outliers are 1530000, 1090000, 693000, 691000, 654000, 573000, 557000
>3.5	Congener PCBs	PCB-180	233	ppt	37308	41569	10	1	Therefore, Observation 212000 is a Potential Statistical Outlier	1	Therefore, Observation 212000 is a Potential Statistical Outlier
>3.5	Congener PCBs	PCB-181	207	ppt	245.3	277.8	10	6	Therefore, Potential Statistical Outliers are 2880, 1040, 991, 977, 897, 894	1	Therefore, Observation 2880 is a Potential Statistical Outlier
>3.5	Congener PCBs	PCB-182/187	208	ppt	25418	26267	10	2	Therefore, Potential Statistical Outliers are 129000, 119000	0	No Outlier
>3.5	Congener PCBs	PCB-183	205	ppt	12073	11986	10	1	Therefore, Observation 58400 is a Potential Statistical Outlier	0	No Outlier
>3.5	Congener PCBs	PCB-184	174	ppt	101.9	149	10	10	Therefore, Potential Statistical Outliers are 1160, 737, 724, 693, 566, 545, 468, 434, 390, 384	10	Therefore, Potential Statistical Outliers are 1160, 737, 724, 693, 566, 545, 468, 434, 390, 384
>3.5	Congener PCBs	PCB-185	186	ppt	2282	2260	10	1	Therefore, Observation 11300 is a Potential Statistical Outlier	1	Therefore, Observation 11300 is a Potential Statistical Outlier
>3.5	Congener PCBs	PCB-188	186	ppt	130.3	263.1	10	8	Therefore, Potential Statistical Outliers are 2785, 1850, 1380, 449.5, 380, 377, 345, 335	6	Therefore, Potential Statistical Outliers are 2785, 1850, 1380, 449.5, 380, 377
>3.5	Congener PCBs	PCB-189	287	ppt	836.5	2315	10	4	Therefore, Potential Statistical Outliers are 36600, 8370, 7740, 7140	4	Therefore, Potential Statistical Outliers are 36600, 8370, 7740, 7140
>3.5	Congener PCBs	PCB-19	268	ppt	13195	63673	10	10	Therefore, Potential Statistical Outliers are 1020000, 126000, 100000, 67800, 59300, 57400, 57100, 56700, 51600, 48700	9	Therefore, Potential Statistical Outliers are 1020000, 126000, 100000, 67800, 59300, 57400, 57100, 56700, 51600
>3.5	Congener PCBs	PCB-190	293	ppt	3933	5853	10	5	Therefore, Potential Statistical Outliers are 59000, 49900, 43500, 18700, 16600	5	Therefore, Potential Statistical Outliers are 59000, 49900, 43500, 18700, 16600
>3.5	Congener PCBs	PCB-191	274	ppt	873.9	1283	10	4	Therefore, Potential Statistical Outliers are 11700, 11500, 10300, 3930	4	Therefore, Potential Statistical Outliers are 11700, 11500, 10300, 3930
>3.5	Congener PCBs	PCB-193	188	ppt	1959	1946	10	1	Therefore, Observation 9030 is a Potential Statistical Outlier	0	No Outlier

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	Congener PCBs	PCB-194	319	ppt	11950	15115	10	5	Therefore, Potential Statistical Outliers are 150000, 130000, 104000, 55900, 50000	5	Therefore, Potential Statistical Outliers are 150000, 130000, 104000, 55900, 50000
>3.5	Congener PCBs	PCB-195	291	ppt	4924	6437	10	6	Therefore, Potential Statistical Outliers are 64000, 54300, 42800, 21200, 20600, 19000	5	Therefore, Potential Statistical Outliers are 64000, 54300, 42800, 21200, 20600
>3.5	Congener PCBs	PCB-196/203	204	ppt	16709	14520	10	1	Therefore, Observation 70100 is a Potential Statistical Outlier	0	No Outlier
>3.5	Congener PCBs	PCB-197	280	ppt	671.2	948.5	10	10	Therefore, Potential Statistical Outliers are 6340, 5940, 5490, 5290, 5040, 4680, 4500, 4400, 4270, 3500	10	Therefore, Potential Statistical Outliers are 6340, 5940, 5490, 5290, 5040, 4680, 4500, 4400, 4270, 3500
>3.5	Congener PCBs	PCB-198	187	ppt	3588	9831	10	10	Therefore, Potential Statistical Outliers are 73300, 49900, 40300, 39000, 38800, 37600, 37000, 34700, 32700, 30000	10	Therefore, Potential Statistical Outliers are 73300, 49900, 40300, 39000, 38800, 37600, 37000, 34700, 32700, 30000
>3.5	Congener PCBs	PCB-199	218	ppt	16815	16037	10	0	No Outlier	0	No Outlier
>3.5	Congener PCBs	PCB-2	353	ppt	978	2354	10	10	Therefore, Potential Statistical Outliers are 34500, 14900, 9620, 8080, 6930, 6760, 6310, 5870, 5800, 5490	10	Therefore, Potential Statistical Outliers are 34500, 14900, 9620, 8080, 6930, 6760, 6310, 5870, 5800, 5490
>3.5	Congener PCBs	PCB-20/21/33	200	ppt	57355	105124	10	9	Therefore, Potential Statistical Outliers are 714000, 542000, 455000, 435000, 393500, 364000, 347000, 309000, 306000	9	Therefore, Potential Statistical Outliers are 714000, 542000, 455000, 435000, 393500, 364000, 347000, 309000, 306000
>3.5	Congener PCBs	PCB-200	292	ppt	1714	2097	10	4	Therefore, Potential Statistical Outliers are 18100, 17400, 14800, 7560	4	Therefore, Potential Statistical Outliers are 18100, 17400, 14800, 7560
>3.5	Congener PCBs	PCB-201	296	ppt	2260	2192	10	4	Therefore, Potential Statistical Outliers are 18500, 17600, 15000, 8140	3	Therefore, Potential Statistical Outliers are 18500, 17600, 15000
>3.5	Congener PCBs	PCB-202	311	ppt	5777	6592	10	10	Therefore, Potential Statistical Outliers are 41000, 35700, 30700, 28600, 27900, 26500, 26400, 26300, 25900, 25100	3	Therefore, Potential Statistical Outliers are 41000, 35700, 30700
>3.5	Congener PCBs	PCB-204	50	ppt	60.25	33.57	10	0	No Outlier	0	No Outlier
>3.5	Congener PCBs	PCB-205	281	ppt	635.3	756	10	6	Therefore, Potential Statistical Outliers are 7290, 7100, 4830, 2570, 2370, 2220	5	Therefore, Potential Statistical Outliers are 7290, 7100, 4830, 2570, 2370
>3.5	Congener PCBs	PCB-206	328	ppt	16907	23682	10	10	Therefore, Potential Statistical Outliers are 184000, 128000, 117000, 105000, 101000, 101000, 87600, 87500, 86400, 84100	6	Therefore, Potential Statistical Outliers are 184000, 128000, 117000, 105000, 101000, 101000
>3.5	Congener PCBs	PCB-207	297	ppt	1562	1705	10	8	Therefore, Potential Statistical Outliers are 11200, 9310, 8820, 7980, 7440, 7250, 7140, 6390	7	Therefore, Potential Statistical Outliers are 11200, 9310, 8820, 7980, 7440, 7250, 7140
>3.5	Congener PCBs	PCB-208	320	ppt	6877	11158	10	10	Therefore, Potential Statistical Outliers are 87700, 53600, 53000, 52100, 46500, 44000, 42800, 42800, 40600, 40200	10	Therefore, Potential Statistical Outliers are 87700, 53600, 53000, 52100, 46500, 44000, 42800, 42800, 40600, 40200

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	Congener PCBs	PCB-209	336	ppt	18592	30057	10	10	Therefore, Potential Statistical Outliers are 218000, 201000, 184000, 164000, 146000, 140000, 120000, 114000, 105000, 98400	10	Therefore, Potential Statistical Outliers are 218000, 201000, 184000, 164000, 146000, 140000, 120000, 114000, 105000, 98400
>3.5	Congener PCBs	PCB-22	314	ppt	49290	196912	10	9	Therefore, Potential Statistical Outliers are 3330000, 503000, 336000, 282000, 277000, 277000, 257000, 252000, 235500	8	Therefore, Potential Statistical Outliers are 3330000, 503000, 336000, 282000, 277000, 277000, 257000, 252000
>3.5	Congener PCBs	PCB-23	168	ppt	277.7	1043	10	4	Therefore, Potential Statistical Outliers are 13300, 2540, 938, 861	3	Therefore, Potential Statistical Outliers are 13300, 2540, 938
>3.5	Congener PCBs	PCB-24/27	160	ppt	9503	17311	10	9	Therefore, Potential Statistical Outliers are 164000, 72000, 58700, 46800, 46600, 43900, 38300, 38300, 37300	5	Therefore, Potential Statistical Outliers are 164000, 72000, 58700, 46800, 46600
>3.5	Congener PCBs	PCB-25	290	ppt	15843	58623	10	5	Therefore, Potential Statistical Outliers are 771000, 600000, 161000, 69800, 63800	4	Therefore, Potential Statistical Outliers are 771000, 600000, 161000, 69800
>3.5	Congener PCBs	PCB-26	195	ppt	24231	65629	10	8	Therefore, Potential Statistical Outliers are 834000, 198000, 136000, 125000, 111000, 108000, 105500, 102000	4	Therefore, Potential Statistical Outliers are 834000, 198000, 136000, 125000
>3.5	Congener PCBs	PCB-28	236	ppt	95105	178971	10	10	Therefore, Potential Statistical Outliers are 1620000, 780000, 671000, 668000, 621000, 562000, 532000, 507000, 501000, 490000	5	Therefore, Potential Statistical Outliers are 1620000, 780000, 671000, 668000, 621000
>3.5	Congener PCBs	PCB-29	132	ppt	697.4	1027	10	6	Therefore, Potential Statistical Outliers are 7030, 4270, 4220, 4050, 3530, 3010	6	Therefore, Potential Statistical Outliers are 7030, 4270, 4220, 4050, 3530, 3010
>3.5	Congener PCBs	PCB-3	333	ppt	3090	12446	10	10	Therefore, Potential Statistical Outliers are 217000, 26500, 25000, 24500, 17600, 17600, 17000, 16600, 16000, 14900	10	Therefore, Potential Statistical Outliers are 217000, 26500, 25000, 24500, 17600, 17600, 17000, 16600, 16000, 14900
>3.5	Congener PCBs	PCB-30	86	ppt	136.4	224.9	10	7	Therefore, Potential Statistical Outliers are 1790, 717, 503, 488, 487, 412, 386	5	Therefore, Potential Statistical Outliers are 1790, 717, 503, 488, 487
>3.5	Congener PCBs	PCB-31	346	ppt	123802	472082	10	10	Therefore, Potential Statistical Outliers are 8220000, 1660000, 806000, 801000, 735000, 726000, 709000, 694000, 690000, 586000	9	Therefore, Potential Statistical Outliers are 8220000, 1660000, 806000, 801000, 735000, 726000, 709000, 694000, 690000
>3.5	Congener PCBs	PCB-34	228	ppt	1027	2124	10	6	Therefore, Potential Statistical Outliers are 25000, 16800, 6400, 5420, 3910, 3590	4	Therefore, Potential Statistical Outliers are 25000, 16800, 6400, 5420
>3.5	Congener PCBs	PCB-35	273	ppt	4724	8298	10	9	Therefore, Potential Statistical Outliers are 105000, 44800, 29600, 24300, 23900, 23800, 23300, 22100, 21100	9	Therefore, Potential Statistical Outliers are 105000, 44800, 29600, 24300, 23900, 23800, 23300, 22100, 21100
>3.5	Congener PCBs	PCB-36	139	ppt	91.48	84.44	10	6	Therefore, Potential Statistical Outliers are 692, 545, 270, 267, 266.5, 257	2	Therefore, Potential Statistical Outliers are 692, 545
>3.5	Congener PCBs	PCB-37	315	ppt	34444	114532	10	8	Therefore, Potential Statistical Outliers are 1920000, 228000, 205000, 194000, 188000, 180000, 167000, 160000	6	Therefore, Potential Statistical Outliers are 1920000, 228000, 205000, 194000, 188000, 180000

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	Congener PCBs	PCB-38	164	ppt	701.9	999.4	10	10	Therefore, Potential Statistical Outliers are 8120, 4400, 4240, 3340, 2920, 2870, 2780, 2680, 2570, 2510	3	Therefore, Potential Statistical Outliers are 8120, 4400, 4240
>3.5	Congener PCBs	PCB-39	214	ppt	674.5	1983	10	10	Therefore, Potential Statistical Outliers are 27000, 4920, 4630, 4540, 4100, 3410, 3190, 3140, 2910, 2490	10	Therefore, Potential Statistical Outliers are 27000, 4920, 4630, 4540, 4100, 3410, 3190, 3140, 2910, 2490
>3.5	Congener PCBs	PCB-4/10	143	ppt	19413	28763	10	9	Therefore, Potential Statistical Outliers are 191000, 140000, 105000, 99700, 96300, 82300, 79500, 76600, 76200	5	Therefore, Potential Statistical Outliers are 191000, 140000, 105000, 99700, 96300
>3.5	Congener PCBs	PCB-40	187	ppt	24474	50690	10	10	Therefore, Potential Statistical Outliers are 404000, 312000, 236000, 201000, 156000, 147000, 126000, 114000, 113000, 108000	7	Therefore, Potential Statistical Outliers are 404000, 312000, 236000, 201000, 156000, 147000, 126000
>3.5	Congener PCBs	PCB-41/64/71/72	198	ppt	70342	138812	10	9	Therefore, Potential Statistical Outliers are 1200000, 706000, 543000, 500000, 443000, 440000, 412000, 394000, 386000	9	Therefore, Potential Statistical Outliers are 1200000, 706000, 543000, 500000, 443000, 440000, 412000, 394000, 386000
>3.5	Congener PCBs	PCB-42/59	190	ppt	35691	65449	10	5	Therefore, Potential Statistical Outliers are 640000, 261000, 234000, 193000, 189000	3	Therefore, Potential Statistical Outliers are 640000, 261000, 234000
>3.5	Congener PCBs	PCB-43/49	214	ppt	79620	158535	10	6	Therefore, Potential Statistical Outliers are 1720000, 656000, 525000, 511000, 420000, 401000	4	Therefore, Potential Statistical Outliers are 1720000, 656000, 525000, 511000
>3.5	Congener PCBs	PCB-44	241	ppt	96379	185138	10	10	Therefore, Potential Statistical Outliers are 1800000, 784000, 723000, 663000, 618000, 571000, 543000, 534000, 523000, 510000	5	Therefore, Potential Statistical Outliers are 1800000, 784000, 723000, 663000, 618000
>3.5	Congener PCBs	PCB-45	197	ppt	19555	34779	10	5	Therefore, Potential Statistical Outliers are 310000, 149000, 145000, 129000, 102000	4	Therefore, Potential Statistical Outliers are 310000, 149000, 145000, 129000
>3.5	Congener PCBs	PCB-46	286	ppt	10043	30785	10	10	Therefore, Potential Statistical Outliers are 458000, 173000, 70500, 64800, 63000, 62900, 53600, 48100, 44300, 43100	8	Therefore, Potential Statistical Outliers are 458000, 173000, 70500, 64800, 63000, 62900, 53600, 48100
>3.5	Congener PCBs	PCB-47	205	ppt	28550	55236	10	5	Therefore, Potential Statistical Outliers are 596000, 219000, 195000, 164000, 145000	4	Therefore, Potential Statistical Outliers are 596000, 219000, 195000, 164000
>3.5	Congener PCBs	PCB-48/75	186	ppt	23124	38229	10	10	Therefore, Potential Statistical Outliers are 270000, 191000, 166000, 142000, 132000, 122000, 115000, 112000, 107000, 106000	5	Therefore, Potential Statistical Outliers are 270000, 191000, 166000, 142000, 132000
>3.5	Congener PCBs	PCB-5/8	168	ppt	43545	80362	10	10	Therefore, Potential Statistical Outliers are 632000, 426000, 338000, 316000, 249000, 228000, 224000, 186000, 176000, 175000	7	Therefore, Potential Statistical Outliers are 632000, 426000, 338000, 316000, 249000, 228000, 224000
>3.5	Congener PCBs	PCB-50	134	ppt	3022	12703	10	10	Therefore, Potential Statistical Outliers are 110000, 66100, 53500, 36300, 31600, 29900, 7940, 3500, 2790, 2660	10	Therefore, Potential Statistical Outliers are 110000, 66100, 53500, 36300, 31600, 29900, 7940, 3500, 2790, 2660

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	Congener PCBs	PCB-51	184	ppt	5980	12011	10	6	Therefore, Potential Statistical Outliers are 127000, 47400, 44200, 39400, 28500, 26800	4	Therefore, Potential Statistical Outliers are 127000, 47400, 44200, 39400
>3.5	Congener PCBs	PCB-52/69	242	ppt	93406	185007	10	9	Therefore, Potential Statistical Outliers are 1960000, 791000, 692000, 569000, 555000, 540000, 517000, 490000, 477000	3	Therefore, Potential Statistical Outliers are 1960000, 791000, 692000
>3.5	Congener PCBs	PCB-53	199	ppt	16933	35277	10	6	Therefore, Potential Statistical Outliers are 381000, 135000, 120000, 112000, 90000, 88200	4	Therefore, Potential Statistical Outliers are 381000, 135000, 120000, 112000
>3.5	Congener PCBs	PCB-54	204	ppt	661.2	1324	10	10	Therefore, Potential Statistical Outliers are 15800, 6220, 4280, 4260, 3600, 3330, 2730, 2210, 2150, 2110	7	Therefore, Potential Statistical Outliers are 15800, 6220, 4280, 4260, 3600, 3330, 2730
>3.5	Congener PCBs	PCB-55	251	ppt	2812	15071	10	10	Therefore, Potential Statistical Outliers are 235000, 21600, 19200, 16900, 15000, 14800, 14600, 14000, 13300, 12900	10	Therefore, Potential Statistical Outliers are 235000, 21600, 19200, 16900, 15000, 14800, 14600, 14000, 13300, 12900
>3.5	Congener PCBs	PCB-56/60	215	ppt	57288	102168	10	10	Therefore, Potential Statistical Outliers are 695000, 516000, 460000, 457000, 359000, 342000, 321000, 318000, 303000, 291000	4	Therefore, Potential Statistical Outliers are 695000, 516000, 460000, 457000
>3.5	Congener PCBs	PCB-57	235	ppt	853.1	2162	10	10	Therefore, Potential Statistical Outliers are 26700, 17000, 5080, 3970, 3860, 3430, 3380, 3230, 3220, 2980	9	Therefore, Potential Statistical Outliers are 26700, 17000, 5080, 3970, 3860, 3430, 3380, 3230, 3220
>3.5	Congener PCBs	PCB-58	232	ppt	408.3	741.5	10	6	Therefore, Potential Statistical Outliers are 8240, 6670, 2210, 2000, 1750, 1550	6	Therefore, Potential Statistical Outliers are 8240, 6670, 2210, 2000, 1750, 1550
>3.5	Congener PCBs	PCB-6	262	ppt	17503	112223	10	10	Therefore, Potential Statistical Outliers are 1740000, 514000, 114000, 93100, 68500, 59900, 54500, 54300, 48600, 48200	10	Therefore, Potential Statistical Outliers are 1740000, 514000, 114000, 93100, 68500, 59900, 54500, 54300, 48600, 48200
>3.5	Congener PCBs	PCB-61/70	230	ppt	97695	171892	10	10	Therefore, Potential Statistical Outliers are 1280000, 902000, 770000, 621000, 590000, 588000, 565000, 544000, 520000, 500000	3	Therefore, Potential Statistical Outliers are 1280000, 902000, 770000
>3.5	Congener PCBs	PCB-63	284	ppt	5011	12349	10	10	Therefore, Potential Statistical Outliers are 171000, 78100, 37200, 32900, 31100, 27000, 25000, 24900, 21300, 20900	8	Therefore, Potential Statistical Outliers are 171000, 78100, 37200, 32900, 31100, 27000, 25000, 24900
>3.5	Congener PCBs	PCB-65	51	ppt	153.2	202.7	10	3	Therefore, Potential Statistical Outliers are 989, 647, 621	1	Therefore, Observation 989 is a Potential Statistical Outlier
>3.5	Congener PCBs	PCB-67	279	ppt	4234	10948	10	10	Therefore, Potential Statistical Outliers are 156000, 65800, 25200, 23400, 23400, 20300, 19500, 19300, 18400, 17300	5	Therefore, Potential Statistical Outliers are 156000, 65800, 25200, 23400, 23400
>3.5	Congener PCBs	PCB-68	227	ppt	605.8	803.8	10	4	Therefore, Potential Statistical Outliers are 8230, 5730, 3390, 2370	3	Therefore, Potential Statistical Outliers are 8230, 5730, 3390
>3.5	Congener PCBs	PCB-7/9	138	ppt	4725	7386	10	10	Therefore, Potential Statistical Outliers are 52700, 31700, 28500, 28300, 23800, 21600, 19300, 18200, 18100, 17800	10	Therefore, Potential Statistical Outliers are 52700, 31700, 28500, 28300, 23800, 21600, 19300, 18200, 18100, 17800

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	Congener PCBs	PCB-74	220	ppt	42421	77628	10	10	Therefore, Potential Statistical Outliers are 649000, 392000, 341000, 290000, 261000, 252000, 233000, 215000, 205000, 202000	6	Therefore, Potential Statistical Outliers are 649000, 392000, 341000, 290000, 261000, 252000
>3.5	Congener PCBs	PCB-76/66	225	ppt	81282	144587	10	10	Therefore, Potential Statistical Outliers are 1170000, 791000, 599000, 510000, 510000, 461000, 444000, 417000, 403000, 390000	5	Therefore, Potential Statistical Outliers are 1170000, 791000, 599000, 510000, 510000
>3.5	Congener PCBs	PCB-77	348	ppt	12837	26853	10	10	Therefore, Potential Statistical Outliers are 345000, 179000, 104000, 97100, 95600, 87000, 84300, 79100, 77200, 73800	10	Therefore, Potential Statistical Outliers are 345000, 179000, 104000, 97100, 95600, 87000, 84300, 79100, 77200, 73800
>3.5	Congener PCBs	PCB-79	230	ppt	1203	1788	10	4	Therefore, Potential Statistical Outliers are 17300, 12800, 8400, 6200	4	Therefore, Potential Statistical Outliers are 17300, 12800, 8400, 6200
>3.5	Congener PCBs	PCB-81	260	ppt	503	1167	10	10	Therefore, Potential Statistical Outliers are 16200, 4090, 3360, 2970, 2550, 2540, 2520, 2270, 2240, 2190	7	Therefore, Potential Statistical Outliers are 16200, 4090, 3360, 2970, 2550, 2540, 2520
>3.5	Congener PCBs	PCB-82	301	ppt	14370	29530	10	10	Therefore, Potential Statistical Outliers are 369000, 216000, 101000, 91500, 87000, 80400, 74100, 70300, 70100, 68200	6	Therefore, Potential Statistical Outliers are 369000, 216000, 101000, 91500, 87000, 80400
>3.5	Congener PCBs	PCB-83	98	ppt	10055	39690	10	10	Therefore, Potential Statistical Outliers are 262000, 175000, 170000, 130000, 104000, 75600, 31100, 9000, 4540, 4380	10	Therefore, Potential Statistical Outliers are 262000, 175000, 170000, 130000, 104000, 75600, 31100, 9000, 4540, 4380
>3.5	Congener PCBs	PCB-84/92	210	ppt	37722	56993	10	4	Therefore, Potential Statistical Outliers are 483000, 232000, 199000, 197000	2	Therefore, Potential Statistical Outliers are 483000, 232000
>3.5	Congener PCBs	PCB-85/116	189	ppt	16337	21736	10	3	Therefore, Potential Statistical Outliers are 118000, 95200, 90300	1	Therefore, Observation 118000 is a Potential Statistical Outlier
>3.5	Congener PCBs	PCB-86	150	ppt	8251	36527	10	10	Therefore, Potential Statistical Outliers are 323000, 189000, 187000, 124000, 105000, 77700, 28300, 8650, 8225, 8110	10	Therefore, Potential Statistical Outliers are 323000, 189000, 187000, 124000, 105000, 77700, 28300, 8650, 8225, 8110
>3.5	Congener PCBs	PCB-87/117/125	202	ppt	31175	42977	10	2	Therefore, Potential Statistical Outliers are 217000, 189000	1	Therefore, Observation 217000 is a Potential Statistical Outlier
>3.5	Congener PCBs	PCB-88/91	291	ppt	17833	31461	10	7	Therefore, Potential Statistical Outliers are 316000, 256000, 209000, 103000, 103000, 82400, 78100	5	Therefore, Potential Statistical Outliers are 316000, 256000, 209000, 103000, 103000
>3.5	Congener PCBs	PCB-89	261	ppt	2290	5059	10	10	Therefore, Potential Statistical Outliers are 65200, 24100, 21200, 17800, 14800, 14400, 11600, 10800, 9800, 9690	10	Therefore, Potential Statistical Outliers are 65200, 24100, 21200, 17800, 14800, 14400, 11600, 10800, 9800, 9690
>3.5	Congener PCBs	PCB-90/101	235	ppt	76679	112554	10	4	Therefore, Potential Statistical Outliers are 734000, 440000, 436000, 434000	1	Therefore, Observation 734000 is a Potential Statistical Outlier
>3.5	Congener PCBs	PCB-94	252	ppt	939	1489	10	6	Therefore, Potential Statistical Outliers are 15300, 10400, 9590, 5210, 4430, 3750	5	Therefore, Potential Statistical Outliers are 15300, 10400, 9590, 5210, 4430

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	Congener PCBs	PCB-95/98/102	224	ppt	64178	95361	10	3	Therefore, Potential Statistical Outliers are 706000, 383000, 366000	1	Therefore, Observation 706000 is a Potential Statistical Outlier
>3.5	Congener PCBs	PCB-96	258	ppt	1420	2779	10	10	Therefore, Potential Statistical Outliers are 32900, 15200, 14400, 11000, 8380, 8290, 6460, 6120, 5910, 5580	7	Therefore, Potential Statistical Outliers are 32900, 15200, 14400, 11000, 8380, 8290, 6460
>3.5	Congener PCBs	PCB-97	210	ppt	27706	39820	10	3	Therefore, Potential Statistical Outliers are 278000, 173000, 151000	2	Therefore, Potential Statistical Outliers are 278000, 173000
>3.5	Congener PCBs	PCB-99	222	ppt	38730	58209	10	2	Therefore, Potential Statistical Outliers are 493000, 260000	2	Therefore, Potential Statistical Outliers are 493000, 260000
>3.5	Congener PCBs	Total Congener PCBs (209)	405	ppt	2585088	7638911	10	10	Therefore, Potential Statistical Outliers are 1.330E+8, 35700000, 32100000, 21700000, 17900000, 16800000, 15800000, 15200000, 14200000, 14000000	10	Therefore, Potential Statistical Outliers are 1.330E+8, 35700000, 32100000, 21700000, 17900000, 16800000, 15800000, 15200000, 14200000, 14000000
>3.5	Congener PCBs	Total Congener PCBs (NOAA 1989)	271	ppt	1617174	2665770	10	7	Therefore, Potential Statistical Outliers are 22100000, 12800000, 11400000, 10200000, 9280000, 8960000, 8830000	3	Therefore, Potential Statistical Outliers are 22100000, 12800000, 11400000
>3.5	PCN	PCN-1	55	ppt	14087	48263	10	9	Therefore, Potential Statistical Outliers are 347000, 83300, 62800, 45300, 31300, 24100, 19500, 19300, 15200	8	Therefore, Potential Statistical Outliers are 347000, 83300, 62800, 45300, 31300, 24100, 19500, 19300
>3.5	PCN	PCN-10	30	ppt	110.5	101.3	10	1	Therefore, Observation 408 is a Potential Statistical Outlier	0	No Outlier
>3.5	PCN	PCN-12	50	ppt	1952	2014	10	2	Therefore, Potential Statistical Outliers are 12100, 6340	1	Therefore, Observation 12100 is a Potential Statistical Outlier
>3.5	PCN	PCN-13	34	ppt	174.3	327.3	10	4	Therefore, Potential Statistical Outliers are 1730, 999, 390, 360	4	Therefore, Potential Statistical Outliers are 1730, 999, 390, 360
>3.5	PCN	PCN-2	52	ppt	1655	3848	10	4	Therefore, Potential Statistical Outliers are 26300, 8420, 7820, 4160	4	Therefore, Potential Statistical Outliers are 26300, 8420, 7820, 4160
>3.5	PCN	PCN-27	44	ppt	670.4	1694	10	4	Therefore, Potential Statistical Outliers are 8320, 8120, 1450, 1080	3	Therefore, Potential Statistical Outliers are 8320, 8120, 1450
>3.5	PCN	PCN-28/36	43	ppt	1333	2510	10	1	Therefore, Observation 16800 is a Potential Statistical Outlier	1	Therefore, Observation 16800 is a Potential Statistical Outlier
>3.5	PCN	PCN-3	45	ppt	671.3	1084	10	5	Therefore, Potential Statistical Outliers are 6030, 3240, 2740, 2170, 1690	4	Therefore, Potential Statistical Outliers are 6030, 3240, 2740, 2170
>3.5	PCN	PCN-31	46	ppt	4688	15621	10	8	Therefore, Potential Statistical Outliers are 96600, 48000, 13700, 6950, 4520, 4420, 4040, 3850	8	Therefore, Potential Statistical Outliers are 96600, 48000, 13700, 6950, 4520, 4420, 4040, 3850
>3.5	PCN	PCN-42	45	ppt	2923	4844	10	4	Therefore, Potential Statistical Outliers are 31000, 14000, 6260, 5950	2	Therefore, Potential Statistical Outliers are 31000, 14000
>3.5	PCN	PCN-49	40	ppt	204.5	348.6	10	3	Therefore, Potential Statistical Outliers are 2110, 805, 665	3	Therefore, Potential Statistical Outliers are 2110, 805, 665
>3.5	PCN	PCN-5	51	ppt	9846	14947	10	6	Therefore, Potential Statistical Outliers are 72800, 68100, 40000, 29500, 26200, 23900	3	Therefore, Potential Statistical Outliers are 72800, 68100, 40000
>3.5	PCN	PCN-50	44	ppt	609.5	560	10	3	Therefore, Potential Statistical Outliers are 3270, 1710, 1620	1	Therefore, Observation 3270 is a Potential Statistical Outlier
>3.5	PCN	PCN-52	44	ppt	2671	4696	10	2	Therefore, Potential Statistical Outliers are 31600, 7850	2	Therefore, Potential Statistical Outliers are 31600, 7850

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	PCN	PCN-53	38	ppt	748	967.3	10	1	Therefore, Observation 4550 is a Potential Statistical Outlier	1	Therefore, Observation 4550 is a Potential Statistical Outlier
>3.5	PCN	PCN-54	32	ppt	2487	5038	10	3	Therefore, Potential Statistical Outliers are 25600, 14900, 5790	2	Therefore, Potential Statistical Outliers are 25600, 14900
>3.5	PCN	PCN-6	50	ppt	2811	2880	10	1	Therefore, Observation 15100 is a Potential Statistical Outlier	1	Therefore, Observation 15100 is a Potential Statistical Outlier
>3.5	PCN	PCN-66/67	45	ppt	1283	2216	10	3	Therefore, Potential Statistical Outliers are 10900, 9610, 6370	3	Therefore, Potential Statistical Outliers are 10900, 9610, 6370
>3.5	PCN	PCN-68	43	ppt	913.6	824.9	10	2	Therefore, Potential Statistical Outliers are 3930, 3080	1	Therefore, Observation 3930 is a Potential Statistical Outlier
>3.5	PCN	PCN-69	45	ppt	1473	1637	10	2	Therefore, Potential Statistical Outliers are 9540, 5800	2	Therefore, Potential Statistical Outliers are 9540, 5800
>3.5	PCN	PCN-71/72	44	ppt	1928	1991	10	2	Therefore, Potential Statistical Outliers are 11200, 6550	2	Therefore, Potential Statistical Outliers are 11200, 6550
>3.5	PCN	PCN-73	45	ppt	3034	5825	10	3	Therefore, Potential Statistical Outliers are 32900, 18100, 17600	3	Therefore, Potential Statistical Outliers are 32900, 18100, 17600
>3.5	PCN	PCN-74	46	ppt	1220	1177	10	7	Therefore, Potential Statistical Outliers are 4820, 4250, 3650, 3360, 3070, 2850, 2770	0	No Outlier
>3.5	PCN	PCN-75	45	ppt	640.6	1048	10	4	Therefore, Potential Statistical Outliers are 5130, 3940, 2930, 2580	4	Therefore, Potential Statistical Outliers are 5130, 3940, 2930, 2580
>3.5	PCN	PCN-9	31	ppt	745.3	1649	10	10	Therefore, Potential Statistical Outliers are 7990, 4910, 2310, 1380, 960, 942, 657, 590, 562, 510	10	Therefore, Potential Statistical Outliers are 7990, 4910, 2310, 1380, 960, 942, 657, 590, 562, 510
>3.5	Pesticides	2,4'-DDD	206	ppb	44.88	120.5	10	10	Therefore, Potential Statistical Outliers are 1100, 780, 680, 590, 370, 300, 270, 260, 220, 210	10	Therefore, Potential Statistical Outliers are 1100, 780, 680, 590, 370, 300, 270, 260, 220, 210
>3.5	Pesticides	2,4'-DDE	229	ppb	70.92	121.7	10	10	Therefore, Potential Statistical Outliers are 795, 640, 520, 510, 485, 440, 430, 410, 380, 370	8	Therefore, Potential Statistical Outliers are 795, 640, 520, 510, 485, 440, 430, 410
>3.5	Pesticides	2,4'-DDT	126	ppb	20.42	35.25	10	10	Therefore, Potential Statistical Outliers are 224, 170, 120, 116, 115, 111, 99.9, 85, 83, 80.5	10	Therefore, Potential Statistical Outliers are 224, 170, 120, 116, 115, 111, 99.9, 85, 83, 80.5
>3.5	Pesticides	4,4'-DDD	256	ppb	103.1	392.9	10	10	Therefore, Potential Statistical Outliers are 4300, 3700, 1700, 1500, 950, 730, 690, 590, 550, 520	10	Therefore, Potential Statistical Outliers are 4300, 3700, 1700, 1500, 950, 730, 690, 590, 550, 520
>3.5	Pesticides	4,4'-DDE	290	ppb	180.7	311.1	10	10	Therefore, Potential Statistical Outliers are 2450, 1800, 1500, 1400, 1300, 1200, 1100, 1100, 1050, 1020	10	Therefore, Potential Statistical Outliers are 2450, 1800, 1500, 1400, 1300, 1200, 1100, 1100, 1050, 1020
>3.5	Pesticides	4,4'-DDT	239	ppb	48.99	166.4	10	10	Therefore, Potential Statistical Outliers are 1600, 1500, 950, 601.1, 590, 390, 385, 230, 220, 200	10	Therefore, Potential Statistical Outliers are 1600, 1500, 950, 601.1, 590, 390, 385, 230, 220, 200
>3.5	Pesticides	Aldrin	91	ppb	4.25	16.27	10	5	Therefore, Potential Statistical Outliers are 150, 29, 26, 21.2, 14	5	Therefore, Potential Statistical Outliers are 150, 29, 26, 21.2, 14
>3.5	Pesticides	Alpha-BHC	144	ppb	2.802	4.777	10	10	Therefore, Potential Statistical Outliers are 28, 22, 20, 20, 18.5, 15, 13, 13, 12, 11.5	10	Therefore, Potential Statistical Outliers are 28, 22, 20, 20, 18.5, 15, 13, 13, 12, 11.5
>3.5	Pesticides	Alpha-Chlordane	190	ppb	12.98	16.96	10	6	Therefore, Potential Statistical Outliers are 86, 82, 71, 71, 66, 65	4	Therefore, Potential Statistical Outliers are 86, 82, 71, 71
>3.5	Pesticides	Beta-BHC	142	ppb	9.855	21.64	10	10	Therefore, Potential Statistical Outliers are 180, 99, 85, 82, 59, 53, 51, 46, 40, 40	10	Therefore, Potential Statistical Outliers are 180, 99, 85, 82, 59, 53, 51, 46, 40, 40

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	Pesticides	Delta-BHC	63	ppb	6.765	23.77	10	10	Therefore, Potential Statistical Outliers are 180, 48, 28, 24, 24, 21, 13, 13, 13, 10	10	Therefore, Potential Statistical Outliers are 180, 48, 28, 24, 24, 21, 13, 13, 13, 10
>3.5	Pesticides	Dieldrin	208	ppb	20.54	71.94	10	10	Therefore, Potential Statistical Outliers are 1000, 130, 120, 120, 91, 85, 84, 82, 79, 71	9	Therefore, Potential Statistical Outliers are 1000, 130, 120, 120, 91, 85, 84, 82, 79
>3.5	Pesticides	Endosulfan I	30	ppb	5.797	5.139	10	1	Therefore, Observation 25 is a Potential Statistical Outlier	1	Therefore, Observation 25 is a Potential Statistical Outlier
>3.5	Pesticides	Endosulfan II	32	ppb	3.743	3.584	10	0	No Outlier	0	No Outlier
>3.5	Pesticides	Endosulfan Sulfate	64	ppb	7.447	4.871	10	1	Therefore, Observation 24 is a Potential Statistical Outlier	0	No Outlier
>3.5	Pesticides	Endrin	45	ppb	5.255	8.335	10	1	Therefore, Observation 56 is a Potential Statistical Outlier	1	Therefore, Observation 56 is a Potential Statistical Outlier
>3.5	Pesticides	Endrin Aldehyde	74	ppb	11.49	8.723	10	0	No Outlier	0	No Outlier
>3.5	Pesticides	Endrin Ketone	48	ppb	6.669	10.24	10	8	Therefore, Potential Statistical Outliers are 48, 31, 28.5, 24, 24, 24, 20, 17	8	Therefore, Potential Statistical Outliers are 48, 31, 28.5, 24, 24, 24, 20, 17
>3.5	Pesticides	Gamma-BHC (Lindane)	43	ppb	4.773	7.549	10	7	Therefore, Potential Statistical Outliers are 32.1, 26, 22, 21, 17.3, 10, 9.3	5	Therefore, Potential Statistical Outliers are 32.1, 26, 22, 21, 17.3
>3.5	Pesticides	Gamma-Chlordane	157	ppb	19.82	23.78	10	4	Therefore, Potential Statistical Outliers are 130, 130, 120, 91	4	Therefore, Potential Statistical Outliers are 130, 130, 120, 91
>3.5	Pesticides	Heptachlor	96	ppb	8.107	11.72	10	6	Therefore, Potential Statistical Outliers are 55, 52.5, 52, 36, 33, 33	3	Therefore, Potential Statistical Outliers are 55, 52.5, 52
>3.5	Pesticides	Heptachlor Epoxide	136	ppb	14.66	27.03	10	8	Therefore, Potential Statistical Outliers are 240, 95, 89, 73, 70, 63, 61, 56	3	Therefore, Potential Statistical Outliers are 240, 95, 89
>3.5	Pesticides	Hexachlorobenzene	97	ppb	26.46	107.7	10	10	Therefore, Potential Statistical Outliers are 750, 730, 180, 140, 120, 75, 56, 49, 39, 33	10	Therefore, Potential Statistical Outliers are 750, 730, 180, 140, 120, 75, 56, 49, 39, 33
>3.5	Pesticides	Methoxychlor	78	ppb	9.337	22.41	10	10	Therefore, Potential Statistical Outliers are 160, 110, 37, 34, 32, 30, 23, 20, 19, 19	10	Therefore, Potential Statistical Outliers are 160, 110, 37, 34, 32, 30, 23, 20, 19, 19
>3.5	Pesticides	Total Alpha + Gamma Chlordane	206	ppb	26.36	36.89	10	7	Therefore, Potential Statistical Outliers are 200, 180, 150, 150, 140, 140, 130	2	Therefore, Potential Statistical Outliers are 200, 180
>3.5	Pesticides	Total DDT (2,4' & 4,4')	168	ppb	428.5	867.9	10	10	Therefore, Potential Statistical Outliers are 6700, 6100, 3000, 2900, 2700, 2200, 2100, 2000, 1900, 1800	10	Therefore, Potential Statistical Outliers are 6700, 6100, 3000, 2900, 2700, 2200, 2100, 2000, 1900, 1800
>3.5	Pesticides	Total DDT (2,4')	138	ppb	131.8	205.9	10	10	Therefore, Potential Statistical Outliers are 1400, 960, 910, 730, 610, 610, 555, 520, 500, 460	6	Therefore, Potential Statistical Outliers are 1400, 960, 910, 730, 610, 610
>3.5	Pesticides	Total DDT (4,4')	320	ppb	281.1	630.4	10	10	Therefore, Potential Statistical Outliers are 5300, 5200, 4300, 3500, 2600, 2500, 2300, 2000, 2000, 1700	10	Therefore, Potential Statistical Outliers are 5300, 5200, 4300, 3500, 2600, 2500, 2300, 2000, 2000, 1700
>3.5	Semivolatiles	2-Methylnaphthalene	323	ppb	4994	29140	10	10	Therefore, Potential Statistical Outliers are 310000, 280000, 240000, 180000, 86000, 71000, 43000, 25000, 24000, 15000	10	Therefore, Potential Statistical Outliers are 310000, 280000, 240000, 180000, 86000, 71000, 43000, 25000, 24000, 15000
>3.5	Semivolatiles	4-Chloroaniline	66	ppb	338.6	292.1	10	2	Therefore, Potential Statistical Outliers are 1800, 1200	2	Therefore, Potential Statistical Outliers are 1800, 1200

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	Semivolatiles	4-Methylphenol	47	ppb	3343	20399	10	5	Therefore, Potential Statistical Outliers are 140000, 7700, 1500, 1500, 1200	5	Therefore, Potential Statistical Outliers are 140000, 7700, 1500, 1500, 1200
>3.5	Semivolatiles	Acenaphthene	351	ppb	1398	3687	10	10	Therefore, Potential Statistical Outliers are 39000, 27500, 23800, 22000, 21000, 18000, 18000, 14000, 11000, 7000	10	Therefore, Potential Statistical Outliers are 39000, 27500, 23800, 22000, 21000, 18000, 18000, 14000, 11000, 7000
>3.5	Semivolatiles	Acenaphthylene	345	ppb	438.6	488.9	10	8	Therefore, Potential Statistical Outliers are 4700, 2800, 2500, 2300, 2200, 2000, 1800, 1770	6	Therefore, Potential Statistical Outliers are 4700, 2800, 2500, 2300, 2200, 2000
>3.5	Semivolatiles	Anthracene	381	ppb	2638	4362	10	10	Therefore, Potential Statistical Outliers are 41000, 27000, 26000, 23000, 22300, 21000, 21000, 20000, 19000, 18500	10	Therefore, Potential Statistical Outliers are 41000, 27000, 26000, 23000, 22300, 21000, 21000, 20000, 19000, 18500
>3.5	Semivolatiles	Benzaldehyde	50	ppb	112.6	102.5	10	1	Therefore, Observation 690 is a Potential Statistical Outlier	1	Therefore, Observation 690 is a Potential Statistical Outlier
>3.5	Semivolatiles	Benzo(a)anthracene	373	ppb	2934	3119	10	8	Therefore, Potential Statistical Outliers are 26000, 18000, 18000, 16000, 16000, 15500, 13000, 12900	8	Therefore, Potential Statistical Outliers are 26000, 18000, 18000, 16000, 16000, 15500, 13000, 12900
>3.5	Semivolatiles	Benzo(a)pyrene	355	ppb	2731	2377	10	6	Therefore, Potential Statistical Outliers are 20000, 13000, 12000, 11900, 11000, 10900	6	Therefore, Potential Statistical Outliers are 20000, 13000, 12000, 11900, 11000, 10900
>3.5	Semivolatiles	Benzo(b)fluoranthene	378	ppb	2512	2434	10	6	Therefore, Potential Statistical Outliers are 25000, 15000, 14000, 13000, 9600, 9400	4	Therefore, Potential Statistical Outliers are 25000, 15000, 14000, 13000
>3.5	Semivolatiles	Benzo(g,h,i)perylene	365	ppb	1152	1212	10	8	Therefore, Potential Statistical Outliers are 7600, 7400, 6600, 6370, 5900, 5800, 5480, 5000	7	Therefore, Potential Statistical Outliers are 7600, 7400, 6600, 6370, 5900, 5800, 5480
>3.5	Semivolatiles	Benzo(k)fluoranthene	377	ppb	2224	2056	10	3	Therefore, Potential Statistical Outliers are 17000, 9500, 9290	1	Therefore, Observation 17000 is a Potential Statistical Outlier
>3.5	Semivolatiles	Biphenyl	85	ppb	1797	4973	10	10	Therefore, Potential Statistical Outliers are 29000, 19000, 18000, 18000, 15000, 13000, 6050, 4400, 3900, 3200	10	Therefore, Potential Statistical Outliers are 29000, 19000, 18000, 18000, 15000, 13000, 6050, 4400, 3900, 3200
>3.5	Semivolatiles	bis(2-Ethylhexyl)phthalate	248	ppb	40097	58102	10	9	Therefore, Potential Statistical Outliers are 290000, 270000, 260000, 260000, 250000, 240000, 210000, 200000, 200000	6	Therefore, Potential Statistical Outliers are 290000, 270000, 260000, 260000, 250000, 240000
>3.5	Semivolatiles	Butyl benzyl phthalate	66	ppb	810.8	2287	10	10	Therefore, Potential Statistical Outliers are 17000, 5100, 4500, 4000, 3300, 2600, 2000, 1500, 1300, 1200	10	Therefore, Potential Statistical Outliers are 17000, 5100, 4500, 4000, 3300, 2600, 2000, 1500, 1300, 1200
>3.5	Semivolatiles	Carbazole	170	ppb	657.4	2026	10	10	Therefore, Potential Statistical Outliers are 25000, 5300, 4800, 3200, 2900, 2800, 2700, 2400, 2100, 2100	10	Therefore, Potential Statistical Outliers are 25000, 5300, 4800, 3200, 2900, 2800, 2700, 2400, 2100, 2100
>3.5	Semivolatiles	Chrysene	381	ppb	3516	3611	10	8	Therefore, Potential Statistical Outliers are 27000, 20000, 20000, 16600, 16000, 16000, 15000, 15000	3	Therefore, Potential Statistical Outliers are 27000, 20000, 20000
>3.5	Semivolatiles	Dibenzo(a,h)anthracene	309	ppb	426.9	443.9	10	9	Therefore, Potential Statistical Outliers are 4500, 2300, 2000, 2000, 1970, 1800, 1800, 1700, 1700	9	Therefore, Potential Statistical Outliers are 4500, 2300, 2000, 2000, 1970, 1800, 1800, 1700, 1700

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	Semivolatiles	Dibenzofuran	182	ppb	1263	3975	10	10	Therefore, Potential Statistical Outliers are 41000, 16000, 16000, 14000, 13000, 11000, 10650, 8700, 8500, 8400	10	Therefore, Potential Statistical Outliers are 41000, 16000, 16000, 14000, 13000, 11000, 10650, 8700, 8500, 8400
>3.5	Semivolatiles	Di-n-Octylphthalate	141	ppb	2557	3909	10	10	Therefore, Potential Statistical Outliers are 21000, 20000, 18000, 17000, 17000, 13000, 10000, 10000, 10000, 9300	10	Therefore, Potential Statistical Outliers are 21000, 20000, 18000, 17000, 17000, 13000, 10000, 10000, 10000, 9300
>3.5	Semivolatiles	Fluoranthene	394	ppb	6209	8146	10	8	Therefore, Potential Statistical Outliers are 93000, 54000, 47000, 42000, 40000, 34100, 33000, 29000	8	Therefore, Potential Statistical Outliers are 93000, 54000, 47000, 42000, 40000, 34100, 33000, 29000
>3.5	Semivolatiles	Fluorene	363	ppb	1598	3456	10	10	Therefore, Potential Statistical Outliers are 27000, 24000, 22000, 19000, 18000, 17100, 15000, 15000, 15000, 13800	10	Therefore, Potential Statistical Outliers are 27000, 24000, 22000, 19000, 18000, 17100, 15000, 15000, 15000, 13800
>3.5	Semivolatiles	Hexachlorobenzene	57	ppb	204.7	1030	10	10	Therefore, Potential Statistical Outliers are 7800, 600, 410, 390, 390, 240, 160, 120, 110, 110	7	Therefore, Potential Statistical Outliers are 7800, 600, 410, 390, 390, 240, 160
>3.5	Semivolatiles	Indeno(1,2,3-cd)pyrene	365	ppb	1084	1154	10	8	Therefore, Potential Statistical Outliers are 6550, 6300, 6300, 5720, 5600, 5400, 5100, 4700	7	Therefore, Potential Statistical Outliers are 6550, 6300, 6300, 5720, 5600, 5400, 5100
>3.5	Semivolatiles	Naphthalene	330	ppb	6198	28017	10	10	Therefore, Potential Statistical Outliers are 430000, 200000, 100000, 89000, 76000, 66000, 60000, 46000, 31700, 26500	10	Therefore, Potential Statistical Outliers are 430000, 200000, 100000, 89000, 76000, 66000, 60000, 46000, 31700, 26500
>3.5	Semivolatiles	N-Nitrosodiphenylamine	70	ppb	1936	3474	10	10	Therefore, Potential Statistical Outliers are 19000, 16000, 12000, 9050, 6900, 6300, 5600, 4800, 4500, 4200	10	Therefore, Potential Statistical Outliers are 19000, 16000, 12000, 9050, 6900, 6300, 5600, 4800, 4500, 4200
>3.5	Semivolatiles	Phenanthrene	384	ppb	5950	13342	10	10	Therefore, Potential Statistical Outliers are 160000, 78000, 67000, 66000, 64800, 61000, 57000, 54000, 50000, 48000	10	Therefore, Potential Statistical Outliers are 160000, 78000, 67000, 66000, 64800, 61000, 57000, 54000, 50000, 48000
>3.5	Semivolatiles	Pyrene	367	ppb	5935	6255	10	10	Therefore, Potential Statistical Outliers are 54000, 32000, 30000, 29500, 29000, 28000, 27900, 26000, 26000, 25000	10	Therefore, Potential Statistical Outliers are 54000, 32000, 30000, 29500, 29000, 28000, 27900, 26000, 26000, 25000
>3.5	Semivolatiles	Total HMW PAHs-SVOC	390	ppb	26093	28594	10	7	Therefore, Potential Statistical Outliers are 270000, 160000, 160000, 140000, 140000, 140000, 120000	7	Therefore, Potential Statistical Outliers are 270000, 160000, 160000, 140000, 140000, 140000, 120000
>3.5	Semivolatiles	Total LMW PAHs-SVOC	360	ppb	20895	61207	10	10	Therefore, Potential Statistical Outliers are 570000, 510000, 450000, 400000, 320000, 310000, 250000, 170000, 165000, 160000	10	Therefore, Potential Statistical Outliers are 570000, 510000, 450000, 400000, 320000, 310000, 250000, 170000, 165000, 160000
>3.5	Semivolatiles	TOTAL PAHs - SVOC	383	ppb	45956	80867	10	10	Therefore, Potential Statistical Outliers are 710000, 580000, 550000, 530000, 480000, 470000, 360000, 310000, 280000, 280000	10	Therefore, Potential Statistical Outliers are 710000, 580000, 550000, 530000, 480000, 470000, 360000, 310000, 280000, 280000
>3.5	TPH	Total Petroleum Hydrocarbons	220	ppm	8270	18340	10	7	Therefore, Potential Statistical Outliers are 150000, 150000, 130000, 91000, 72500, 31000, 28000	7	Therefore, Potential Statistical Outliers are 150000, 150000, 130000, 91000, 72500, 31000, 28000

Table C-1
Rosner's Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Mean	Standard Deviation	Number of Outliers Tested For	Number of Outliers at 5% Significance Level	Outliers at 5% Sig Level	Number of Outliers at 1% Significance Level	Outliers at 1% Significance Level
>3.5	Volatiles	1,2-Dichlorobenzene	41	ppb	157.9	433.4	10	10	Therefore, Potential Statistical Outliers are 2600, 980, 530, 430, 350, 270, 213, 200, 160, 150	10	Therefore, Potential Statistical Outliers are 2600, 980, 530, 430, 350, 270, 213, 200, 160, 150
>3.5	Volatiles	1,3-Dichlorobenzene	42	ppb	239.4	1108	10	10	Therefore, Potential Statistical Outliers are 7200, 700, 320, 280, 280, 190, 170, 140, 120, 100	10	Therefore, Potential Statistical Outliers are 7200, 700, 320, 280, 280, 190, 170, 140, 120, 100
>3.5	Volatiles	1,4-Dichlorobenzene	64	ppb	366.8	1625	10	6	Therefore, Potential Statistical Outliers are 13000, 1300, 980, 710, 660, 660	3	Therefore, Potential Statistical Outliers are 13000, 1300, 980
>3.5	Volatiles	2-Butanone	33	ppb	55.49	92.4	10	8	Therefore, Potential Statistical Outliers are 480, 260, 160, 110, 94, 90, 69, 66	3	Therefore, Potential Statistical Outliers are 480, 260, 160
>3.5	Volatiles	Acetone	58	ppb	137.6	203.9	10	8	Therefore, Potential Statistical Outliers are 1000, 960, 690, 450, 380, 330, 310, 300	3	Therefore, Potential Statistical Outliers are 1000, 960, 690
>3.5	Volatiles	Benzene	39	ppb	42.07	67.48	10	6	Therefore, Potential Statistical Outliers are 340, 190, 140, 130, 120, 120	6	Therefore, Potential Statistical Outliers are 340, 190, 140, 130, 120, 120
>3.5	Volatiles	Carbon Disulfide	46	ppb	23.27	64.85	10	7	Therefore, Potential Statistical Outliers are 370, 260, 60, 36, 25, 24, 23	3	Therefore, Potential Statistical Outliers are 370, 260, 60
>3.5	Volatiles	Chlorobenzene	54	ppb	894.9	4827	10	10	Therefore, Potential Statistical Outliers are 34000, 11000, 670, 570, 410, 380, 210, 160, 98, 78	9	Therefore, Potential Statistical Outliers are 34000, 11000, 670, 570, 410, 380, 210, 160, 98
>3.5	Volatiles	Ethylbenzene	25	ppb	93.85	228	10	10	Therefore, Potential Statistical Outliers are 940, 720, 130, 120, 110, 110, 81, 42, 27, 23	10	Therefore, Potential Statistical Outliers are 940, 720, 130, 120, 110, 110, 81, 42, 27, 23
>3.5	Volatiles	Toluene	26	ppb	337.9	1685	10	3	Therefore, Potential Statistical Outliers are 8600, 38, 23	2	Therefore, Potential Statistical Outliers are 8600, 38

Table C-1
Rosner's Test Results

Notes:

1. This appendix presents statistical outliers within each vertical depth category outlined in Section 4.1, for Level 3 datasets only. Outliers were tested using Rosner's Test for sample sizes greater than or equal to 25 using U.S. Environmental Protection Agency (USEPA) ProUCL Version 4.1.01 (ProUCL) statistical software (USEPA 2011). Appendix C-2 presents the results from the Dixon's Extreme Value Test for sample sizes less than 25.
2. Statistical outlier tests were performed ata 5 percent level of statistical significance
3. Non-detect sample results were excluded from the statistical outlier test.
4. Up to 10 statistical outliers were tested for using Rosner's Test on datasets with sample sizes greater than or equal to 25.
5. Calculated totals are defined in Section 4.1.

Acronyms:

ft bss = feet below sediment surface
NOAA = National Oceanic and Atmospheric Administration
PBDE = polybrominated diphenyl ether
PCB = polychlorinated biphenyl
PCN = polychlorinated naphthalene
ppb = parts per billion
ppm = parts per million
ppt = parts per trillion
TPH = Total Petroleum Hydrocarbon

Table C-2
Dixon's Extreme Value Test Results

Newark Bay Study Area Remedial Investigation
Phase I and Phase II
Data Evaluation and Analysis Report
Revision 2
September 2014

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Upper Tail				Lower Tail			
					Test Data Value	For 10% Significance Level	For 5% Significance Level	For 1% Significance Level	Test Data Value	For 10% Significance Level	For 5% Significance Level	For 1% Significance Level
0-0.5	Herbicides	2,4-DB	22	ppb	950	Is Outlier	Is Outlier	Is Outlier	27.5	Not Outlier	Not Outlier	Not Outlier
0-0.5	Organotin	Tetrabutyltin	15	ppb	24	Is Outlier	Is Outlier	Is Outlier	0.615	Not Outlier	Not Outlier	Not Outlier
0-0.5	PBDE	BDE-10	11	ppb	0.0148	Is Outlier	Not Outlier	Not Outlier	0.000296	Not Outlier	Not Outlier	Not Outlier
0-0.5	PBDE	BDE-12/13	9	ppb	0.119	Is Outlier	Is Outlier	Is Outlier	0.000647	Not Outlier	Not Outlier	Not Outlier
0-0.5	PBDE	BDE-138	7	ppb	0.153	Not Outlier	Not Outlier	Not Outlier	0.00239	Is Outlier	Not Outlier	Not Outlier
0-0.5	PBDE	BDE-155	21	ppb	0.122	Not Outlier	Not Outlier	Not Outlier	0.00102	Not Outlier	Not Outlier	Not Outlier
0-0.5	PBDE	BDE-183/176	13	ppb	1.37	Is Outlier	Is Outlier	Is Outlier	0.00836	Not Outlier	Not Outlier	Not Outlier
0-0.5	PBDE	BDE-196	11	ppb	4.97	Is Outlier	Is Outlier	Is Outlier	0.0433	Not Outlier	Not Outlier	Not Outlier
0-0.5	PBDE	BDE-2	21	ppb	0.45	Is Outlier	Not Outlier	Not Outlier	0.00347	Not Outlier	Not Outlier	Not Outlier
0-0.5	PBDE	BDE-208	7	ppb	1.22	Is Outlier	Is Outlier	Is Outlier	0.0232	Not Outlier	Not Outlier	Not Outlier
0-0.5	PBDE	BDE-28/33	15	ppb	0.301	Is Outlier	Is Outlier	Is Outlier	0.00299	Not Outlier	Not Outlier	Not Outlier
0-0.5	PBDE	BDE-3	16	ppb	0.214	Is Outlier	Is Outlier	Is Outlier	0.00952	Not Outlier	Not Outlier	Not Outlier
0-0.5	PBDE	BDE-35	13	ppb	0.153	Not Outlier	Not Outlier	Not Outlier	0.00451	Not Outlier	Not Outlier	Not Outlier
0-0.5	PBDE	BDE-71	8	ppb	0.104	Is Outlier	Is Outlier	Is Outlier	0.000903	Not Outlier	Not Outlier	Not Outlier
0-0.5	PBDE	BDE-8/11	15	ppb	0.366	Is Outlier	Is Outlier	Is Outlier	0.00941	Not Outlier	Not Outlier	Not Outlier
0-0.5	Congener PCBs	PCB-121	8	ppt	155	Is Outlier	Is Outlier	Not Outlier	9.3	Not Outlier	Not Outlier	Not Outlier
0-0.5	Congener PCBs	PCB-127	21	ppt	187	Not Outlier	Not Outlier	Not Outlier	13.7	Not Outlier	Not Outlier	Not Outlier
0-0.5	Congener PCBs	PCB-14	12	ppt	198	Is Outlier	Is Outlier	Is Outlier	6.265	Not Outlier	Not Outlier	Not Outlier
0-0.5	Congener PCBs	PCB-186	11	ppt	42.5	Is Outlier	Is Outlier	Is Outlier	2.62	Not Outlier	Not Outlier	Not Outlier
0-0.5	Congener PCBs	PCB-192	13	ppt	42.5	Is Outlier	Is Outlier	Not Outlier	1.24	Not Outlier	Not Outlier	Not Outlier
0-0.5	Congener PCBs	PCB-73	21	ppt	16300	Is Outlier	Is Outlier	Is Outlier	57.9	Not Outlier	Not Outlier	Not Outlier
0-0.5	Congener PCBs	PCB-80	9	ppt	119	Not Outlier	Not Outlier	Not Outlier	12.7	Not Outlier	Not Outlier	Not Outlier
0-0.5	Congener PCBs	PCB-93	18	ppt	38900	Not Outlier	Not Outlier	Not Outlier	42.5	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-1	14	ppt	17000	Is Outlier	Is Outlier	Is Outlier	142	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-10	9	ppt	118	Not Outlier	Not Outlier	Not Outlier	24.3	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-12	14	ppt	13600	Is Outlier	Is Outlier	Is Outlier	150	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-13	6	ppt	139	Is Outlier	Is Outlier	Not Outlier	32.6	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-2	14	ppt	5650	Is Outlier	Is Outlier	Is Outlier	125	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-27	13	ppt	390	Is Outlier	Is Outlier	Is Outlier	32.5	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-28/36	13	ppt	1190	Is Outlier	Is Outlier	Is Outlier	86.5	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-3	13	ppt	1590	Is Outlier	Is Outlier	Is Outlier	43.8	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-31	14	ppt	1010	Is Outlier	Not Outlier	Not Outlier	141	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-42	14	ppt	3440	Is Outlier	Is Outlier	Is Outlier	137	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-49	11	ppt	437	Is Outlier	Is Outlier	Is Outlier	31.9	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-5	13	ppt	49300	Is Outlier	Is Outlier	Is Outlier	378	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-50	14	ppt	1530	Is Outlier	Is Outlier	Is Outlier	53	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-52	14	ppt	2240	Not Outlier	Not Outlier	Not Outlier	246	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-53	13	ppt	1270	Is Outlier	Is Outlier	Not Outlier	11.1	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-54	8	ppt	1660	Not Outlier	Not Outlier	Not Outlier	309	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-6	14	ppt	14200	Is Outlier	Is Outlier	Is Outlier	184	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-66/67	14	ppt	8180	Is Outlier	Is Outlier	Is Outlier	76.7	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-68	14	ppt	1230	Is Outlier	Is Outlier	Not Outlier	121	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-69	14	ppt	2090	Is Outlier	Is Outlier	Is Outlier	198	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-71/72	14	ppt	2810	Is Outlier	Is Outlier	Is Outlier	118	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-73	13	ppt	13700	Is Outlier	Is Outlier	Is Outlier	111	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-74	14	ppt	1260	Not Outlier	Not Outlier	Not Outlier	63.2	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-75	10	ppt	848	Is Outlier	Is Outlier	Is Outlier	15.4	Not Outlier	Not Outlier	Not Outlier
0-0.5	PCN	PCN-9	10	ppt	587	Is Outlier	Is Outlier	Is Outlier	13.5	Not Outlier	Not Outlier	Not Outlier
0-0.5	Pesticides	Endosulfan I	14	ppb	40	Not Outlier	Not Outlier	Not Outlier	1.5	Not Outlier	Not Outlier	Not Outlier
0-0.5	Semivolatiles	1,2-Dichlorobenzene	19	ppb	51	Is Outlier	Is Outlier	Not Outlier	10	Not Outlier	Not Outlier	Not Outlier
0-0.5	Semivolatiles	1,3-Dichlorobenzene	19	ppb	210	Is Outlier	Is Outlier	Is Outlier	16	Not Outlier	Not Outlier	Not Outlier
0-0.5	Semivolatiles	Acetophenone	10	ppb	480	Is Outlier	Not Outlier	Not Outlier	56	Not Outlier	Not Outlier	Not Outlier
0-0.5	Semivolatiles	Hexachlorobenzene	13	ppb	50	Is Outlier	Is Outlier	Is Outlier	1.6	Not Outlier	Not Outlier	Not Outlier
0-0.5	Semivolatiles	N-Nitrosodiphenylamine	12	ppb	572	Not Outlier	Not Outlier	Not Outlier	73	Not Outlier	Not Outlier	Not Outlier
0-0.5	Semivolatiles	Phenol	6	ppb	410	Is Outlier	Is Outlier	Is Outlier	110	Not Outlier	Not Outlier	Not Outlier

Table C-2
Dixon's Extreme Value Test Results

					Upper Tail				Lower Tail			
Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Test Data Value	For 10% Significance Level	For 5% Significance Level	For 1% Significance Level	Test Data Value	For 10% Significance Level	For 5% Significance Level	For 1% Significance Level
0-0.5	Volatiles	1,2,4-Trichlorobenzene	20	ppb	16	Is Outlier	Is Outlier	Is Outlier	0.48	Not Outlier	Not Outlier	Not Outlier
0-0.5	Volatiles	1,2-Dichlorobenzene	18	ppb	4	Not Outlier	Not Outlier	Not Outlier	0.23	Not Outlier	Not Outlier	Not Outlier
0-0.5	Volatiles	1,3-Dichlorobenzene	15	ppb	2.3	Not Outlier	Not Outlier	Not Outlier	0.33	Not Outlier	Not Outlier	Not Outlier
0-0.5	Volatiles	1,4-Dichlorobenzene	18	ppb	11	Is Outlier	Is Outlier	Not Outlier	0.68	Not Outlier	Not Outlier	Not Outlier
0-0.5	Volatiles	4-Methyl-2-pentanone	14	ppb	9.8	Is Outlier	Is Outlier	Not Outlier	0	Not Outlier	Not Outlier	Not Outlier
0-0.5	Volatiles	Benzene	12	ppb	1300	Is Outlier	Is Outlier	Is Outlier	0.67	Not Outlier	Not Outlier	Not Outlier
0-0.5	Volatiles	Ethylbenzene	11	ppb	5300	Is Outlier	Is Outlier	Is Outlier	0.16	Not Outlier	Not Outlier	Not Outlier
0-0.5	Volatiles	Tetrachloroethene	12	ppb	7	Is Outlier	Is Outlier	Is Outlier	0.58	Not Outlier	Not Outlier	Not Outlier
0-0.5	Volatiles	Toluene	11	ppb	67	Is Outlier	Is Outlier	Is Outlier	1.5	Not Outlier	Not Outlier	Not Outlier
0-0.5	Volatiles	Trichloroethene	5	ppb	2.1	Is Outlier	Is Outlier	Not Outlier	0.32	Not Outlier	Not Outlier	Not Outlier
0-0.5	Volatiles	Xylene (Total)	5	ppb	200	Is Outlier	Is Outlier	Is Outlier	8	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-1	12	ppb	0.312	Is Outlier	Is Outlier	Is Outlier	0.00426	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-100	18	ppb	0.369	Is Outlier	Is Outlier	Is Outlier	0.0012	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-12/13	8	ppb	0.041	Not Outlier	Not Outlier	Not Outlier	0.00239	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-15	20	ppb	4	Is Outlier	Is Outlier	Is Outlier	0.0026	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-153	13	ppb	0.821	Not Outlier	Not Outlier	Not Outlier	0.00953	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-154	15	ppb	0.477	Is Outlier	Is Outlier	Not Outlier	0.000722	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-155	5	ppb	0.0718	Not Outlier	Not Outlier	Not Outlier	0.0023	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-17	12	ppb	0.783	Is Outlier	Is Outlier	Is Outlier	0.000919	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-179	6	ppb	1.14	Not Outlier	Not Outlier	Not Outlier	0.0371	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-183/176	10	ppb	2.12	Not Outlier	Not Outlier	Not Outlier	0.00745	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-196	10	ppb	15	Not Outlier	Not Outlier	Not Outlier	0.327	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-197	12	ppb	1.77	Not Outlier	Not Outlier	Not Outlier	0.0629	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-2	13	ppb	0.439	Is Outlier	Is Outlier	Is Outlier	0.00635	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-203	13	ppb	3.52	Is Outlier	Is Outlier	Not Outlier	0.0484	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-207	13	ppb	4.88	Not Outlier	Not Outlier	Not Outlier	0.226	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-208	8	ppb	2	Not Outlier	Not Outlier	Not Outlier	0.0825	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-209	19	ppb	248	Is Outlier	Is Outlier	Is Outlier	0.178	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-25	5	ppb	0.0114	Not Outlier	Not Outlier	Not Outlier	0.00335	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-28/33	12	ppb	0.0249	Not Outlier	Not Outlier	Not Outlier	0.00342	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-3	15	ppb	0.364	Is Outlier	Is Outlier	Is Outlier	0.0165	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-32	8	ppb	0.0152	Not Outlier	Not Outlier	Not Outlier	0.0048	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-47	17	ppb	1.82	Is Outlier	Is Outlier	Is Outlier	0.0343	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-49	17	ppb	2.35	Is Outlier	Is Outlier	Is Outlier	0.000755	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-66	5	ppb	0.167	Not Outlier	Not Outlier	Not Outlier	0.00585	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-7	14	ppb	0.822	Is Outlier	Is Outlier	Is Outlier	0.00253	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-8/11	15	ppb	0.0618	Not Outlier	Not Outlier	Not Outlier	0.00543	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-85	6	ppb	0.0542	Not Outlier	Not Outlier	Not Outlier	0.00878	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PBDE	BDE-99	19	ppb	1.14	Not Outlier	Not Outlier	Not Outlier	0.0135	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCB Aroclors	Aroclor-1268	16	ppb	170	Not Outlier	Not Outlier	Not Outlier	8.9	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	Congener PCBs	PCB-121	8	ppt	89.7	Is Outlier	Is Outlier	Not Outlier	19.6	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	Congener PCBs	PCB-127	21	ppt	436	Not Outlier	Not Outlier	Not Outlier	1.3	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	Congener PCBs	PCB-62	10	ppt	78.9	Not Outlier	Not Outlier	Not Outlier	0	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	Congener PCBs	PCB-80	5	ppt	81	Is Outlier	Is Outlier	Not Outlier	5.75	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	Congener PCBs	PCB-93	5	ppt	39400	Not Outlier	Not Outlier	Not Outlier	4310	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-1	20	ppt	10700	Is Outlier	Is Outlier	Is Outlier	40	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-10	14	ppt	243	Is Outlier	Is Outlier	Is Outlier	21.6	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-12	19	ppt	1850	Not Outlier	Not Outlier	Not Outlier	195	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-13	13	ppt	250	Is Outlier	Not Outlier	Not Outlier	28.7	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-2	20	ppt	2070	Not Outlier	Not Outlier	Not Outlier	29.8	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-27	18	ppt	483	Is Outlier	Is Outlier	Is Outlier	32	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-28/36	18	ppt	1260	Not Outlier	Not Outlier	Not Outlier	125	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-3	18	ppt	330	Not Outlier	Not Outlier	Not Outlier	29.2	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-31	19	ppt	1320	Not Outlier	Not Outlier	Not Outlier	134	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-42	19	ppt	2500	Not Outlier	Not Outlier	Not Outlier	39.5	Not Outlier	Not Outlier	Not Outlier

Table C-2
Dixon's Extreme Value Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Upper Tail				Lower Tail			
					Test Data Value	For 10% Significance Level	For 5% Significance Level	For 1% Significance Level	Test Data Value	For 10% Significance Level	For 5% Significance Level	For 1% Significance Level
0.5-3.5	PCN	PCN-46	9	ppt	628	Is Outlier	Is Outlier	Not Outlier	45.5	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-48	8	ppt	1360	Not Outlier	Not Outlier	Not Outlier	11	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-49	13	ppt	2470	Is Outlier	Is Outlier	Is Outlier	25.8	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-5	19	ppt	7100	Not Outlier	Not Outlier	Not Outlier	367	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-50	18	ppt	1650	Is Outlier	Is Outlier	Is Outlier	59	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-52	19	ppt	2300	Not Outlier	Not Outlier	Not Outlier	203	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-53	17	ppt	982	Not Outlier	Not Outlier	Not Outlier	15.6	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-54	11	ppt	1840	Not Outlier	Not Outlier	Not Outlier	303	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-6	19	ppt	2760	Not Outlier	Not Outlier	Not Outlier	186	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-66/67	19	ppt	4050	Is Outlier	Is Outlier	Is Outlier	77.9	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-68	19	ppt	1370	Is Outlier	Not Outlier	Not Outlier	112	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-69	19	ppt	2350	Not Outlier	Not Outlier	Not Outlier	187	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-70	11	ppt	660	Is Outlier	Is Outlier	Not Outlier	11.6	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-71/72	19	ppt	2880	Not Outlier	Not Outlier	Not Outlier	210	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-73	19	ppt	10700	Is Outlier	Is Outlier	Is Outlier	116	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-74	19	ppt	1670	Not Outlier	Not Outlier	Not Outlier	92	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-75	17	ppt	659	Not Outlier	Not Outlier	Not Outlier	16.5	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	PCN	PCN-9	12	ppt	574	Not Outlier	Not Outlier	Not Outlier	16.1	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	Pesticides	Endosulfan I	16	ppb	52	Is Outlier	Is Outlier	Is Outlier	0.27	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	Pesticides	Endrin	24	ppb	76	Is Outlier	Is Outlier	Is Outlier	0.12	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	Semivolatiles	1,2,4-Trichlorobenzene	11	ppb	260	Is Outlier	Is Outlier	Is Outlier	33	Is Outlier	Is Outlier	Is Outlier
0.5-3.5	Semivolatiles	4-Methylphenol	13	ppb	180	Not Outlier	Not Outlier	Not Outlier	12	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	Semivolatiles	Acetophenone	7	ppb	170	Not Outlier	Not Outlier	Not Outlier	53	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	Semivolatiles	Biphenyl	20	ppb	720	Is Outlier	Is Outlier	Is Outlier	32.1	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	Semivolatiles	Hexachlorobenzene	24	ppb	98	Is Outlier	Is Outlier	Is Outlier	2.3	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	Semivolatiles	Phenol	18	ppb	26000	Is Outlier	Is Outlier	Is Outlier	37	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	Volatiles	1,2-Dichlorobenzene	18	ppb	13	Not Outlier	Not Outlier	Not Outlier	0.91	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	Volatiles	1,3-Dichlorobenzene	24	ppb	22	Is Outlier	Is Outlier	Not Outlier	1.2	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	Volatiles	2-Methylnaphthalene	8	ppb	1400	Is Outlier	Is Outlier	Is Outlier	84	Not Outlier	Not Outlier	Not Outlier
0.5-3.5	Volatiles	Vinyl Chloride	6	ppb	0.74	Not Outlier	Not Outlier	Not Outlier	0.38	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-12/13	12	ppb	0.054	Is Outlier	Is Outlier	Is Outlier	0.00162	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-153	17	ppb	0.99	Is Outlier	Is Outlier	Is Outlier	0.00729	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-154	18	ppb	0.629	Is Outlier	Is Outlier	Is Outlier	0.00676	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-155	5	ppb	0.0423	Is Outlier	Is Outlier	Is Outlier	0.0029	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-17	13	ppb	0.791	Is Outlier	Is Outlier	Is Outlier	0.00142	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-179	13	ppb	0.93	Is Outlier	Is Outlier	Is Outlier	0.0194	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-183/176	23	ppb	3.2	Is Outlier	Is Outlier	Is Outlier	0.00168	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-191	9	ppb	0.713	Is Outlier	Is Outlier	Is Outlier	0.0535	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-196	15	ppb	27.9	Is Outlier	Is Outlier	Is Outlier	0.149	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-197	18	ppb	2.93	Is Outlier	Is Outlier	Not Outlier	0.0328	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-2	17	ppb	0.414	Not Outlier	Not Outlier	Not Outlier	0.0098	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-202	9	ppb	0.647	Is Outlier	Is Outlier	Is Outlier	0.0607	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-203	16	ppb	3.13	Is Outlier	Is Outlier	Not Outlier	0.0236	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-207	17	ppb	6.98	Not Outlier	Not Outlier	Not Outlier	0.106	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-208	9	ppb	1.33	Is Outlier	Is Outlier	Not Outlier	0.0665	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-25	8	ppb	0.123	Is Outlier	Is Outlier	Is Outlier	0.00248	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-32	13	ppb	0.0638	Is Outlier	Is Outlier	Not Outlier	0.00319	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-47	23	ppb	2.06	Is Outlier	Is Outlier	Is Outlier	0.0261	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-49	17	ppb	3.07	Is Outlier	Is Outlier	Is Outlier	0.00647	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-66	8	ppb	0.136	Is Outlier	Is Outlier	Not Outlier	0.00138	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-7	19	ppb	0.456	Not Outlier	Not Outlier	Not Outlier	0.00541	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-71	7	ppb	0.392	Is Outlier	Is Outlier	Is Outlier	0.000929	Not Outlier	Not Outlier	Not Outlier
>3.5	PBDE	BDE-99	23	ppb	1.39	Is Outlier	Is Outlier	Is Outlier	0.0133	Not Outlier	Not Outlier	Not Outlier
>3.5	PCB Aroclors	Aroclor-1248	16	ppb	8100	Not Outlier	Not Outlier	Not Outlier	74	Not Outlier	Not Outlier	Not Outlier
>3.5	Congener PCBs	PCB-121	7	ppt	472.5	Is Outlier	Is Outlier	Is Outlier	66.5	Not Outlier	Not Outlier	Not Outlier

Table C-2
Dixon's Extreme Value Test Results

Vertical Bin (ft bss)	Chemical Group	Chemical Name	Sample Size	Units	Upper Tail				Lower Tail			
					Test Data Value	For 10% Significance Level	For 5% Significance Level	For 1% Significance Level	Test Data Value	For 10% Significance Level	For 5% Significance Level	For 1% Significance Level
>3.5	Congener PCBs	PCB-186	6	ppt	22.8	Not Outlier	Not Outlier	Not Outlier	4.94	Not Outlier	Not Outlier	Not Outlier
>3.5	Congener PCBs	PCB-62	19	ppt	350	Is Outlier	Is Outlier	Not Outlier	0	Not Outlier	Not Outlier	Not Outlier
>3.5	Congener PCBs	PCB-73	8	ppt	11900	Not Outlier	Not Outlier	Not Outlier	145.5	Not Outlier	Not Outlier	Not Outlier
>3.5	Congener PCBs	PCB-78	16	ppt	638	Not Outlier	Not Outlier	Not Outlier	11.2	Not Outlier	Not Outlier	Not Outlier
>3.5	Congener PCBs	PCB-80	6	ppt	253	Is Outlier	Not Outlier	Not Outlier	8.37	Not Outlier	Not Outlier	Not Outlier
>3.5	Congener PCBs	PCB-93	16	ppt	394000	Not Outlier	Not Outlier	Not Outlier	30.1	Not Outlier	Not Outlier	Not Outlier
>3.5	PCN	PCN-46	18	ppt	18500	Is Outlier	Is Outlier	Is Outlier	20	Not Outlier	Not Outlier	Not Outlier
>3.5	PCN	PCN-48	20	ppt	83000	Is Outlier	Is Outlier	Is Outlier	12.1	Not Outlier	Not Outlier	Not Outlier
>3.5	PCN	PCN-70	18	ppt	979	Not Outlier	Not Outlier	Not Outlier	14.2	Not Outlier	Not Outlier	Not Outlier
>3.5	Semivolatiles	1,2,4,5-Tetrachlorobenzene	7	ppb	7100	Is Outlier	Is Outlier	Is Outlier	49	Not Outlier	Not Outlier	Not Outlier
>3.5	Semivolatiles	1,4-Dichlorobenzene	17	ppb	1000	Is Outlier	Not Outlier	Not Outlier	50	Not Outlier	Not Outlier	Not Outlier
>3.5	Semivolatiles	Acetophenone	20	ppb	240	Is Outlier	Is Outlier	Is Outlier	20	Not Outlier	Not Outlier	Not Outlier
>3.5	Semivolatiles	Di-n-Butylphthalate	23	ppb	500000	Is Outlier	Is Outlier	Is Outlier	37	Not Outlier	Not Outlier	Not Outlier
>3.5	Semivolatiles	Phenol	15	ppb	52000	Is Outlier	Is Outlier	Is Outlier	19	Not Outlier	Not Outlier	Not Outlier
>3.5	Volatiles	1,2,4-Trichlorobenzene	8	ppb	20000	Is Outlier	Is Outlier	Is Outlier	0.74	Not Outlier	Not Outlier	Not Outlier
>3.5	Volatiles	4-Methyl-2-pentanone	15	ppb	9.7	Not Outlier	Not Outlier	Not Outlier	0	Not Outlier	Not Outlier	Not Outlier
>3.5	Volatiles	Vinyl Chloride	5	ppb	620	Is Outlier	Is Outlier	Is Outlier	0.25	Not Outlier	Not Outlier	Not Outlier
>3.5	Volatiles	Xylene (Total)	23	ppb	2200	Is Outlier	Is Outlier	Is Outlier	1	Not Outlier	Not Outlier	Not Outlier

Table C-2
Dixon's Extreme Value Test Results

Notes:

1. This appendix presents statistical outliers within each vertical depth category outlined in Section 4.1, for Level 3 datasets only. Outliers were tested using Dixon's Extreme Value Test for sample sizes less than 25 using U.S. Environmental Protection Agency (USEPA) ProUCL Version 4.1.01 (ProUCL) statistical software (USEPA 2011). Appendix C-1 presents the results from the Rosner's Test for sample sizes greater than or equal to 25.
2. Statistical outlier tests were performed at a 5 percent level of statistical significance.
3. Non-detect sample results were excluded from the statistical outlier test.
4. One statistical outlier, "Test Data Value", was tested for with Dixon's Extreme Value Test.
5. Calculated totals are defined in Section 4.1.

Acronyms:

ft bss = feet below sediment surface
PAH = polycyclic aromatic hydrocarbon
PBDE = polybrominated diphenyl ether
PCB = polychlorinated biphenyl
PCN = polychlorinated naphthalene
ppb= parts per billion
ppm= parts per million
ppt= parts per trillion

Appendix D

Statistical Data Summaries

D-1 Summary Statistics NBSA – Honeywell Data
D-2 Summary Statistics NBSA – Phase I and Phase II Data
D-3 Summary Statistics NBSA – USACE Stratified Sample Data
D-4 Summary Statistics NBSA – 2-Mile Extended Area beyond the NBSA – Arthur Kill
D-5 Summary Statistics NBSA – 2-Mile Extended Area beyond the NBSA – Hackensack
D-6 Summary Statistics NBSA – 2-Mile Extended Area beyond the NBSA – Kill van Kull
D-7 Summary Statistics NBSA – 2-Mile Extended Area beyond the NBSA – Passaic
D-8 Summary Statistics NBSA – CARP Data
D-9 Summary Statistics NBSA – Honeywell Data (Normalized)
D-10 Summary Statistics NBSA – Phase I and Phase II Data (Normalized)
D-11 Summary Statistics NBSA – USACE Stratified Sample Data (Normalized)
D-12 Summary Statistics NBSA – 2-Mile Extended Area beyond the NBSA – Arthur Kill (Normalized)
D-13 Summary Statistics NBSA – 2-Mile Extended Area beyond the NBSA – Hackensack (Normalized)
D-14 Summary Statistics NBSA – 2-Mile Extended Area beyond the NBSA – Kill van Kull (Normalized)
D-15 Summary Statistics NBSA – 2-Mile Extended Area beyond the NBSA – Passaic (Normalized)
D-16 Summary Statistics NBSA – CARP Data (Normalized)

Table D-1
Summary Statistics
Newark Bay Study Area - Honeywell Data

Newark Bay Study Area Remedial Investigation
Phase I and Phase II
Data Evaluation and Analysis Report
Revision 2
September 2014

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	61	60	98	8.00	1,080	5.08	5.08	203	204	252	250	86.9	91.7	Ln	G/Ln
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	61	61	100	12.9	7,820	--	--	701	701	1,390	1,390	224	357	G	G
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	61	49	80	0.452	165	1.64	7.19	17.3	17.2	28.3	28.1	6.83	10.2	G	NP
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	61	36	59	0.100	21.7	0.365	7.91	3.58	3.30	4.01	4.20	2.07	2.52	G	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	61	59	97	4.18	2,210	5.46	7.11	177	177	392	389	53.9	68.2	Ln	Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	61	48	79	0.544	84.2	2.92	8.39	12.5	12.4	15.5	15.5	6.13	8.08	G	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	61	55	90	0.750	401	1.85	5.24	48.8	48.8	69.2	68.7	17.3	24.2	G	NP
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	61	43	71	0.419	29.1	2.74	9.56	6.45	6.20	6.60	6.70	3.78	3.43	G	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	61	37	61	0.213	50.2	1.55	8.46	5.30	5.00	7.91	8.00	2.68	2.36	G	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt	61	38	62	0.116	25.4	0.730	8.82	3.29	3.00	3.97	4.10	1.89	1.77	G/Ln	NP
1,2,3,7,8-PeCDF	57117-41-6	ppt	61	53	87	0.443	152	2.31	5.87	16.5	16.4	26.7	26.5	7.12	9.38	G	Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	61	52	85	0.498	135	1.40	8.33	14.3	14.2	21.9	21.7	6.27	7.21	G/Ln	Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt	61	53	87	0.827	243	2.28	7.33	24.7	24.7	37.0	36.7	10.6	13.2	G	NP
2,3,7,8-TCDD	1746-01-6	ppt	61	59	97	2.47	1,350	1.82	2.59	79.7	79.8	194	193	24.9	22.7	Ln	Ln
2,3,7,8-TCDF	51207-31-9	ppt	61	52	85	0.738	53.6	1.98	4.63	12.3	12.3	12.4	12.3	6.67	8.29	G	NP
OCDD	3268-87-9	ppt	61	61	100	79.6	10,200	--	--	2,000	2,000	2,360	2,360	947	1,140	G/Ln	G/Ln
OCDF	39001-02-0	ppt	61	61	100	17.7	13,100	--	--	1,090	1,090	2,150	2,150	356	411	G	G
Total HpCDD	37871-00-4	ppt	61	60	98	24.4	3,310	13.3	13.3	514	514	641	635	231	305	Ln	G/Ln
Total HpCDF	38998-75-3	ppt	61	61	100	17.6	9,060	--	--	845	845	1,610	1,610	279	420	G	G
Total HxCDD	34465-46-8	ppt	61	60	98	5.09	1,100	4.81	4.81	141	141	199	198	61.2	68.7	G/Ln	G/Ln
Total HxCDF	55684-94-1	ppt	61	61	100	4.96	8,780	--	--	634	634	1,320	1,320	193	331	NP	NP
Total PeCDD	36088-22-9	ppt	61	50	82	0.631	304	1.70	54.4	34.9	34.6	48.4	48.1	14.8	18.6	G/Ln	Ln
Total PeCDF	30402-15-4	ppt	61	61	100	2.46	9,180	--	--	611	611	1,300	1,300	185	281	NP	NP
Total TCDD	41903-57-5	ppt	61	61	100	2.47	1,520	--	--	125	125	244	244	46.7	61.0	G	G
Total TCDF	55722-27-5	ppt	61	61	100	4.10	11,700	--	--	848	848	1,820	1,820	254	458	NP	NP
Congener PCBs																	
PCB-105	32598-14-4	ppt	61	60	98	54.7	52,800	48.8	48.8	6,520	6,520	8,140	8,080	3,000	5,240	G	NP
PCB-106/118	PCB-106/118	ppt	61	61	100	62.9	133,000	--	--	17,900	17,900	22,100	22,100	8,240	13,500	G	G
PCB-114	74472-37-0	ppt	61	54	89	6.69	3,640	41.2	251	393	392	527	524	196	309	G	NP
PCB-123	65510-44-3	ppt	61	54	89	7.28	3,150	42.9	262	335	334	453	450	171	219	G	NP
PCB-126	57465-28-8	ppt	61	46	75	5.64	512	4.93	262	98.6	94.4	85.9	86.9	66.1	101	NP	NP
PCB-156	38380-08-4	ppt	61	58	95	37.1	9,510	48.1	251	1,620	1,620	1,890	1,870	785	1,270	G	NP
PCB-157	69782-90-7	ppt	61	53	87	9.24	2,060	41.2	251	361	360	405	403	192	305	G	NP
PCB-167	52663-72-6	ppt	61	57	93	15.8	3,590	48.1	251	686	685	739	733	356	585	G	NP
PCB-169	32774-16-6	ppt	61	12	20	6.46	59.6	1.73	262	35.3	9.80	43.8	8.80	15.6	20.6	NP	NP

Table D-1
Summary Statistics
Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-170	35065-30-6	ppt	40	38	95	91.5	31,900	48.8	251	4,550	4,550	6,040	5,960	1,730	2,670	G/Ln	Ln
PCB-180	35065-29-3	ppt	40	39	98	242	81,900	48.8	48.8	11,800	11,800	15,300	15,100	4,480	6,820	G	G
PCB-189	39635-31-9	ppt	61	50	82	8.19	1,220	4.93	262	170	169	187	187	101	131	G	NP
PCB-209	2051-24-3	ppt	50	49	98	59.2	42,000	73.2	73.2	3,390	3,390	6,310	6,250	1,360	2,600	NP	NP
PCB-77	32598-13-3	ppt	61	59	97	63.5	28,700	48.8	251	2,660	2,670	3,860	3,830	1,280	1,930	G	NP
PCB-81	70362-50-4	ppt	61	53	87	5.22	2,750	41.2	251	228	226	369	367	113	126	G/Ln	Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	20	17	85	3.04	1,560	2.30	3.36	225	225	358	349	44.6	59.4	G/Ln	G/Ln
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	20	18	90	1.57	3,090	1.35	1.37	531	531	767	748	63.9	201	G	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	20	12	60	0.425	83.0	1.12	3.39	17.3	17.1	21.8	21.4	5.61	7.32	N/G	NP
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	20	6	30	1.99	19.9	2.17	8.03	3.39	3.50	4.02	3.90	2.60	2.13	G/Ln	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	20	15	75	2.89	720	0.809	2.64	143	143	192	186	20.6	49.1	NP	N
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	20	10	50	0.241	102	2.40	20.8	13.1	12.1	22.5	22.4	5.24	5.32	G	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	20	15	75	0.780	129	0.813	4.33	30.0	30.0	40.3	39.3	6.86	4.30	G/Ln	N/G
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	20	9	45	0.205	46.4	2.27	13.5	6.54	6.00	10.2	10.2	3.38	2.37	G/Ln	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	20	7	35	2.16	28.8	1.25	7.70	4.56	5.00	6.52	6.10	2.41	1.79	G/Ln	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt	20	7	35	2.39	29.2	1.10	7.09	3.83	4.30	6.18	5.80	2.35	2.37	Ln	NP
1,2,3,7,8-PeCDF	57117-41-6	ppt	20	14	70	0.416	71.4	1.61	3.83	15.2	14.9	18.6	18.4	6.23	6.06	N/G/Ln	Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	20	13	65	0.295	97.1	0.970	4.33	12.8	12.7	22.9	22.4	3.64	2.98	G/Ln	Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt	20	13	65	0.438	155	1.60	4.35	23.7	23.4	36.2	35.5	7.32	8.78	G/Ln	NP
2,3,7,8-TCDD	1746-01-6	ppt	20	11	55	1.37	2,570	0.933	2.67	200	200	574	559	12.2	28.1	Ln	NP
2,3,7,8-TCDF	51207-31-9	ppt	20	13	65	3.31	112	0.829	3.61	14.5	15.4	24.7	23.7	5.35	7.24	G/Ln	NP
OCDD	3268-87-9	ppt	20	20	100	6.31	14,400	--	--	2,540	2,540	3,320	3,320	817	1,820	G/Ln	G/Ln
OCDF	39001-02-0	ppt	20	15	75	15.5	5,050	4.85	14.3	994	997	1,350	1,310	143	368	NP	N
Total HpCDD	37871-00-4	ppt	20	18	90	4.19	4,090	2.42	10.9	632	632	954	930	123	211	G/Ln	G/Ln
Total HpCDF	38998-75-3	ppt	20	18	90	1.57	4,170	1.47	1.57	680	681	1,010	985	77.2	261	G	NP
Total HxCDD	34465-46-8	ppt	20	16	80	2.43	1,070	2.28	4.26	154	155	247	241	34.2	73.4	G/Ln	Ln
Total HxCDF	55684-94-1	ppt	20	16	80	2.55	2,960	0.964	1.66	428	428	687	670	49.8	149	G/Ln	NP
Total PeCDD	36088-22-9	ppt	20	12	60	2.77	288	1.10	4.70	41.0	41.6	66.8	64.7	9.70	15.3	G/Ln	NP
Total PeCDF	30402-15-4	ppt	20	15	75	1.63	5,930	1.60	3.12	543	543	1,310	1,280	45.9	141	G/Ln	NP
Total TCDD	41903-57-5	ppt	20	12	60	1.81	3,060	0.933	2.83	264	265	683	666	17.0	53.2	G/Ln	NP
Total TCDF	55722-27-5	ppt	20	14	70	4.24	11,800	0.829	3.61	932	933	2,600	2,530	53.7	195	G/Ln	NP
Congener PCBs																	
PCB-105	32598-14-4	ppt	20	11	55	169	114,000	5.02	249	9,090	9,150	25,000	24,300	561	2,670	NP	NP
PCB-106/118	PCB-106/118	ppt	20	13	65	67.3	295,000	5.02	52.6	24,100	24,100	64,700	63,000	943	6,560	NP	NP
PCB-114	74472-37-0	ppt	20	11	55	9.13	7,570	5.02	249	597	582	1,650	1,620	119	231	NP	NP
PCB-123	65510-44-3	ppt	20	11	55	10.4	5,640	5.02	249	485	472	1,230	1,200	112	161	NP	NP

Table D-1
Summary Statistics
Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-126	57465-28-8	ppt	20	10	50	76.9	1,050	3.56	249	122	143	224	209	53.1	90.4	NP	NP
PCB-156	38380-08-4	ppt	20	11	55	41.1	23,700	5.02	249	2,050	2,050	5,180	5,050	260	657	NP	NP
PCB-157	69782-90-7	ppt	20	10	50	270	5,190	2.06	249	475	591	1,130	1,060	103	197	NP	NP
PCB-167	52663-72-6	ppt	20	11	55	18.5	8,950	5.02	249	837	825	1,950	1,910	163	331	NP	NP
PCB-169	32774-16-6	ppt	20	0	0	--	--	2.04	250	--	--	--	--	--	--	--	--
PCB-170	35065-30-6	ppt	14	6	43	49.5	43,100	5.02	245	4,710	4,720	11,400	11,000	196	37.9	G/Ln	NP
PCB-180	35065-29-3	ppt	14	7	50	54.1	103,000	5.02	52.6	11,700	11,700	27,300	26,300	278	40.2	G/Ln	NP
PCB-189	39635-31-9	ppt	20	10	50	123	1,660	2.57	249	194	239	358	330	69.7	124	NP	NP
PCB-209	2051-24-3	ppt	20	12	60	67.1	14,400	7.53	368	2,650	2,660	3,950	3,850	403	927	G	N
PCB-77	32598-13-3	ppt	20	11	55	84.9	43,200	5.02	249	3,640	3,650	9,460	9,220	352	1,240	NP	NP
PCB-81	70362-50-4	ppt	20	11	55	2.98	5,210	5.02	249	378	364	1,140	1,120	74.9	96.3	Ln	NP
Subsurface (>3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	13	7	54	10.0	756	0.876	15.0	116	120	242	231	11.7	10.0	G/Ln	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	13	3	23	3.45	23.2	1.19	19.9	4.35	--	6.54	--	2.08	1.25	--	--
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	13	1	8	7.19	7.19	1.59	6.19	2.39	--	1.60	--	2.06	2.00	--	--
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	13	8	62	3.09	198	0.644	2.41	32.1	33.1	65.5	62.5	5.00	5.74	G/Ln	Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	13	3	23	3.78	25.0	1.62	6.59	5.67	--	8.35	--	3.06	2.13	--	--
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	13	8	62	2.37	67.8	0.639	1.82	14.0	14.7	23.7	22.4	3.47	3.63	Ln	NP
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	13	2	15	13.8	14.5	1.59	6.31	3.89	--	4.60	--	2.60	2.04	--	--
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	13	1	8	6.42	6.42	1.03	6.17	1.71	--	1.58	--	1.34	1.11	--	--
1,2,3,7,8-PeCDD	40321-76-4	ppt	13	0	0	--	--	1.39	7.89	--	--	--	--	--	--	--	--
1,2,3,7,8-PeCDF	57117-41-6	ppt	13	6	46	4.59	29.9	1.29	26.4	6.68	7.60	8.13	6.80	3.63	4.59	G/Ln	NP
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	13	6	46	2.37	25.8	0.713	22.1	5.60	5.80	7.41	6.60	2.56	2.37	N/G/Ln	NP
2,3,4,7,8-PeCDF	57117-31-4	ppt	13	8	62	3.49	39.1	1.28	3.97	9.62	10.5	13.2	12.1	4.41	6.18	Ln	Ln
2,3,7,8-TCDD	1746-01-6	ppt	13	5	39	4.16	94.3	0.824	2.96	15.8	17.8	33.6	31.4	2.69	1.27	G/Ln	NP
2,3,7,8-TCDF	51207-31-9	ppt	13	7	54	8.24	26.6	1.04	3.21	7.70	11.0	7.94	5.20	3.79	8.24	G/Ln	NP
OCDD	3268-87-9	ppt	13	9	69	631	4,170	3.69	9.64	1,350	1,540	1,370	1,140	228	1,500	G/Ln	N/Ln
OCDF	39001-02-0	ppt	13	9	69	22.8	1,500	4.18	7.66	219	225	456	436	34.4	47.6	NP	Ln
Total HpCDD	37871-00-4	ppt	13	9	69	45.7	969	2.05	3.44	192	206	325	304	35.2	94.7	NP	Ln
Total HpCDF	38998-75-3	ppt	13	8	62	5.86	945	1.03	6.97	149	151	305	293	13.6	10.0	G/Ln	Ln
Total HxCDD	34465-46-8	ppt	13	9	69	19.8	237	1.60	4.02	55.1	60.7	80.5	73.8	16.8	34.4	NP	Ln
Total HxCDF	55684-94-1	ppt	13	9	69	2.54	638	0.748	2.04	116	117	215	206	13.5	17.1	G/Ln	G/Ln
Total PeCDD	36088-22-9	ppt	13	7	54	3.83	38.0	1.39	87.3	11.6	10.1	14.4	9.90	4.79	5.12	N/G/Ln	N/Ln
Total PeCDF	30402-15-4	ppt	13	8	62	15.0	706	1.28	4.11	158	163	266	253	18.9	34.4	G/Ln	NP
Total TCDD	41903-57-5	ppt	13	7	54	4.16	146	0.824	4.66	25.2	26.6	49.4	46.8	4.78	4.16	Ln	NP
Total TCDF	55722-27-5	ppt	13	8	62	30.2	1,100	1.04	3.21	256	267	430	406	21.8	34.3	G/Ln	NP

Table D-1
Summary Statistics
Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Congener PCBs																	
PCB-105	32598-14-4	ppt	13	5	39	53.2	8,450	5.00	221	1,420	1,430	3,120	3,000	97.4	25.3	G/Ln	NP
PCB-106/118	PCB-106/118	ppt	13	6	46	16.2	25,700	44.8	221	4,300	4,290	9,520	9,150	171	25.3	G/Ln	NP
PCB-114	74472-37-0	ppt	13	3	23	49.3	441	5.00	251	102	--	152	--	42.9	25.3	--	--
PCB-123	65510-44-3	ppt	13	3	23	52.6	486	5.00	251	109	--	167	--	43.7	25.3	--	--
PCB-126	57465-28-8	ppt	13	2	15	115	134	5.00	251	52.6	--	48.3	--	33.6	25.3	--	--
PCB-156	38380-08-4	ppt	13	4	31	97.0	2,280	5.00	221	397	--	820	--	62.3	25.3	--	--
PCB-157	69782-90-7	ppt	13	3	23	84.7	541	5.00	251	119	--	184	--	46.0	25.3	--	--
PCB-167	52663-72-6	ppt	13	3	23	134	998	5.00	251	194	--	356	--	52.5	25.3	--	--
PCB-169	32774-16-6	ppt	13	0	0	--	--	5.00	251	--	--	--	--	--	--	--	--
PCB-170	35065-30-6	ppt	13	4	31	251	6,130	5.00	221	1,040	--	2,240	--	84.4	25.3	--	--
PCB-180	35065-29-3	ppt	13	6	46	7.85	16,100	44.8	221	2,830	2,820	5,840	5,620	142	25.3	G/Ln	NP
PCB-189	39635-31-9	ppt	13	3	23	77.1	236	5.00	251	73.1	--	79.7	--	40.3	25.3	--	--
PCB-209	2051-24-3	ppt	13	5	39	113	38,800	7.50	332	3,630	3,670	10,700	10,200	157	37.9	G/Ln	NP
PCB-77	32598-13-3	ppt	13	4	31	158	4,980	5.00	221	798	--	1,810	--	70.0	25.3	--	--
PCB-81	70362-50-4	ppt	13	3	23	49.0	367	5.00	251	91.5	--	127	--	41.7	25.3	--	--

Table D-1
Summary Statistics
Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm	63	63	100	2,380	19,700	--	--	9,150	9,150	4,530	4,530	7,880	8,930	N/G	N/G
Antimony	7440-36-0	ppm	63	4	6	2.3	35.8	0.89	16.0	3.3	--	6.4	--	1.6	1.1	--	--
Arsenic	7440-38-2	ppm	66	66	100	1.4	113	--	--	14.5	14.5	18.0	18.0	9.9	10.1	NP	NP
Barium	7440-39-3	ppm	66	66	100	9.1	325	--	--	112	112	73.4	73.4	86.4	107	G	G
Beryllium	7440-41-7	ppm	63	46	73	0.11	0.97	0.072	1.3	0.50	0.50	0.24	0.26	0.43	0.50	NP	N/Ln
Cadmium	7440-43-9	ppm	66	46	70	0.20	10.1	0.090	1.2	1.4	1.4	1.9	1.9	0.72	0.84	Ln	Ln
Calcium	7440-70-2	ppm	63	63	100	345	37,800	--	--	7,260	7,260	6,990	6,990	5,350	6,080	NP	NP
Chromium	7440-47-3	ppm	185	185	100	7.0	7,430	--	--	634	634	1,080	1,080	235	212	Ln	Ln
Cobalt	7440-48-4	ppm	63	59	94	2.4	21.8	6.2	7.0	8.3	8.3	4.3	4.3	7.1	8.4	G	N/G
Copper	7440-50-8	ppm	63	63	100	6.8	715	--	--	136	136	134	134	88.7	117	G	G
Iron	7439-89-6	ppm	63	63	100	5,310	41,100	--	--	21,600	21,600	9,960	9,960	18,800	20,800	N	N
Lead	7439-92-1	ppm	92	92	100	7.0	540	--	--	148	148	107	107	105	140	NP	NP
Magnesium	7439-95-4	ppm	63	63	100	1,250	15,400	--	--	5,430	5,430	2,710	2,710	4,670	5,320	N	N
Manganese	7439-96-5	ppm	63	63	100	51.6	697	--	--	295	295	150	150	246	288	N	N
Mercury	7439-97-6	ppm	89	88	99	0.040	64.0	0.080	0.080	5.6	5.6	10.1	10.1	2.3	3.2	NP	NP
Nickel	7440-02-0	ppm	63	63	100	5.7	179	--	--	33.6	33.6	26.1	26.1	26.8	31.8	NP	NP
Potassium	7440-09-7	ppm	63	63	100	298	4,730	--	--	1,740	1,740	1,080	1,080	1,370	1,600	N/G	N/G
Selenium	7782-49-2	ppm	66	16	24	0.79	4.4	0.66	2.7	1.2	1.3	0.97	0.92	0.95	0.77	N	NP
Silver	7440-22-4	ppm	66	44	67	0.44	8.8	0.16	2.7	1.8	1.8	1.8	1.7	1.2	1.1	G/Ln	NP
Sodium	7440-23-5	ppm	63	63	100	551	11,200	--	--	4,730	4,730	2,790	2,790	3,810	4,220	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm	63	0	0	--	--	1.0	2.8	--	--	--	--	--	--	--	--
Vanadium	7440-62-2	ppm	63	63	100	5.8	98.5	--	--	28.4	28.4	16.0	16.0	24.1	28.0	N/G	N/G
Zinc	7440-66-6	ppm	63	63	100	19.2	949	--	--	275	275	204	204	201	243	G/Ln	G/Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm	22	22	100	2,720	17,900	--	--	10,800	10,800	5,000	5,000	9,310	12,700	NP	NP
Antimony	7440-36-0	ppm	22	1	5	2.5	2.5	0.92	14.0	2.3	--	2.3	--	1.5	1.3	--	--
Arsenic	7440-38-2	ppm	23	21	91	2.5	46.8	0.80	1.2	13.7	13.9	11.4	10.9	8.7	12.0	G/Ln	N/Ln
Barium	7440-39-3	ppm	23	23	100	5.6	638	--	--	138	138	134	134	87.2	116	G/Ln	G/Ln
Beryllium	7440-41-7	ppm	22	17	77	0.14	1.0	0.60	1.2	0.57	0.57	0.28	0.30	0.49	0.55	N	N/G/Ln
Cadmium	7440-43-9	ppm	23	12	52	0.73	10.1	0.094	1.2	1.8	2.1	2.8	2.6	0.65	0.73	Ln	NP
Calcium	7440-70-2	ppm	22	22	100	531	11,500	--	--	5,390	5,390	3,070	3,070	4,020	6,350	N	N
Chromium	7440-47-3	ppm	195	195	100	4.8	6,940	--	--	422	422	670	670	180	244	NP	NP
Cobalt	7440-48-4	ppm	22	21	96	2.4	13.7	6.0	6.0	8.7	8.7	4.0	3.9	7.5	10.5	NP	NP
Copper	7440-50-8	ppm	22	22	100	4.5	405	--	--	134	134	125	125	67.1	122	G	G
Iron	7439-89-6	ppm	22	22	100	6,240	37,800	--	--	23,800	23,800	11,200	11,200	20,500	29,700	NP	NP

Table D-1
Summary Statistics
Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Lead	7439-92-1	ppm	23	23	100	2.1	444	--	--	148	148	130	130	70.4	138	G	G
Magnesium	7439-95-4	ppm	22	22	100	1,160	8,920	--	--	5,640	5,640	2,730	2,730	4,800	6,290	NP	NP
Manganese	7439-96-5	ppm	22	22	100	58.6	623	--	--	338	338	179	179	277	335	N/G	N/G
Mercury	7439-97-6	ppm	22	19	86	0.030	49.6	0.020	0.031	6.4	6.4	11.5	11.3	1.2	2.8	G/Ln	NP
Nickel	7440-02-0	ppm	22	22	100	5.0	62.9	--	--	30.7	30.7	18.8	18.8	23.9	30.9	N/G	N/G
Potassium	7440-09-7	ppm	22	22	100	302	4,270	--	--	2,040	2,040	1,220	1,220	1,590	2,000	N/G	N/G
Selenium	7782-49-2	ppm	23	5	22	1.4	3.3	0.92	2.8	1.2	1.7	0.84	0.58	1.0	1.0	N/G/Ln	NP
Silver	7440-22-4	ppm	23	13	57	0.58	7.6	0.17	2.3	2.1	2.2	2.3	2.2	1.0	1.1	N/G/Ln	N/Ln
Sodium	7440-23-5	ppm	22	22	100	658	11,100	--	--	5,310	5,310	3,220	3,220	4,090	5,440	N/G	N/G
Thallium	7440-28-0	ppm	22	0	0	--	--	1.0	2.5	--	--	--	--	--	--	--	--
Vanadium	7440-62-2	ppm	22	22	100	8.5	83.1	--	--	32.2	32.2	18.2	18.2	27.2	34.3	N/G/Ln	N/G/Ln
Zinc	7440-66-6	ppm	22	22	100	14.2	809	--	--	266	266	233	233	157	246	G	G
Subsurface (>3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm	21	21	100	3,130	17,700	--	--	10,900	10,900	4,400	4,400	9,760	12,300	N	N
Antimony	7440-36-0	ppm	21	1	5	2.9	2.9	0.93	2.9	0.96	--	0.52	--	0.87	0.90	--	--
Arsenic	7440-38-2	ppm	21	18	86	1.3	87.0	0.98	1.0	23.4	23.5	22.9	22.2	10.3	19.3	G/Ln	N
Barium	7440-39-3	ppm	21	21	100	4.4	572	--	--	184	184	162	162	94.8	119	N/G	N/G
Beryllium	7440-41-7	ppm	21	21	100	0.080	1.0	--	--	0.68	0.68	0.29	0.29	0.57	0.80	NP	NP
Cadmium	7440-43-9	ppm	21	14	67	0.27	12.7	0.095	0.13	2.1	2.2	3.4	3.3	0.58	0.92	G/Ln	Ln
Calcium	7440-70-2	ppm	21	21	100	324	18,600	--	--	6,290	6,290	4,640	4,640	4,000	6,010	NP	NP
Chromium	7440-47-3	ppm	328	328	100	2.2	7,140	--	--	267	267	532	532	63.8	88.8	NP	NP
Cobalt	7440-48-4	ppm	21	21	100	1.5	13.8	--	--	8.9	8.9	3.7	3.7	7.6	10.1	NP	NP
Copper	7440-50-8	ppm	21	21	100	1.8	487	--	--	156	156	145	145	65.1	143	NP	NP
Iron	7439-89-6	ppm	21	21	100	4,360	38,600	--	--	25,200	25,200	11,600	11,600	21,100	30,900	NP	NP
Lead	7439-92-1	ppm	21	21	100	1.9	520	--	--	175	175	161	161	63.1	165	NP	NP
Magnesium	7439-95-4	ppm	21	21	100	1,090	8,920	--	--	5,930	5,930	2,480	2,480	5,060	6,690	NP	NP
Manganese	7439-96-5	ppm	21	21	100	36.4	599	--	--	374	374	181	181	287	410	NP	NP
Mercury	7439-97-6	ppm	21	16	76	0.040	56.7	0.017	0.026	6.7	6.7	12.5	12.2	0.85	3.0	G	NP
Nickel	7440-02-0	ppm	21	21	100	4.9	70.6	--	--	31.8	31.8	18.1	18.1	25.4	35.3	N/G	N/G
Potassium	7440-09-7	ppm	21	21	100	330	3,230	--	--	1,840	1,840	902	902	1,500	1,960	N	N
Selenium	7782-49-2	ppm	21	0	0	--	--	0.93	4.6	--	--	--	--	--	--	--	--
Silver	7440-22-4	ppm	21	14	67	0.64	8.4	0.17	0.44	1.8	2.0	2.1	2.0	0.81	1.1	G/Ln	N/Ln
Sodium	7440-23-5	ppm	21	21	100	492	10,000	--	--	3,870	3,870	2,920	2,920	2,730	3,500	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm	21	0	0	--	--	1.0	3.2	--	--	--	--	--	--	--	--
Vanadium	7440-62-2	ppm	21	21	100	4.5	95.1	--	--	30.9	30.9	20.0	20.0	24.4	31.8	G	G
Zinc	7440-66-6	ppm	21	21	100	11.3	962	--	--	309	309	274	274	158	290	G	G

Table D-1
Summary Statistics
Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Herbicides																	
2,4,5-TP (Silvex)	93-72-1	ppb	3	0	0	--	--	10	10	--	--	--	--	--	--	--	--
2,4-D	94-75-7	ppb	3	0	0	--	--	10	10	--	--	--	--	--	--	--	--
Organotins																	
Dibutyltin	1191-48-6	ppb	43	18	42	1.9	19	1.5	3.9	3.5	4.0	4.2	3.9	2.1	1.5	G/Ln	NP
Monobutyltin	78763-54-9	ppb	43	0	0	--	--	1.1	3.0	--	--	--	--	--	--	--	--
Tetrabutyltin	1461-25-2	ppb	43	2	5	3.6	5.4	1.9	5.1	1.6	--	0.79	--	1.5	1.4	--	--
Tributyltin	688-73-3	ppb	43	17	40	2.8	19	1.7	4.5	3.8	4.8	4.3	3.6	2.3	1.5	G/Ln	N/Ln
PBDEs																	
BDE-1	BDE-1	ppb	40	14	35	0.099	0.69	0.014	0.095	0.10	0.15	0.14	0.12	0.049	0.038	G/Ln	NP
BDE-10	BDE-10	ppb	40	8	20	0.0031	0.015	0.00083	0.013	0.0024	0.0037	0.0027	0.0020	0.0016	0.0014	G/Ln	NP
BDE-100	BDE-100	ppb	40	40	100	0.023	1.5	--	--	0.20	0.20	0.28	0.28	0.11	0.074	NP	NP
BDE-116	BDE-116	ppb	40	1	3	0.077	0.077	0.0071	0.16	0.018	--	0.019	--	0.012	0.013	--	--
BDE-126	BDE-126	ppb	40	0	0	--	--	0.0023	0.059	--	--	--	--	--	--	--	--
BDE-138	BDE-138	ppb	40	3	8	0.068	0.080	0.0055	0.23	0.032	--	0.028	--	0.020	0.026	--	--
BDE-15	BDE-15	ppb	40	39	98	0.0034	2.6	0.0014	0.0014	0.34	0.34	0.47	0.46	0.12	0.21	G/Ln	G
BDE-153	BDE-153	ppb	40	28	70	0.017	1.1	0.020	0.17	0.22	0.21	0.28	0.28	0.088	0.066	G	NP
BDE-154	BDE-154	ppb	40	29	73	0.011	0.94	0.017	0.11	0.17	0.17	0.21	0.21	0.071	0.055	G	NP
BDE-155	BDE-155	ppb	40	12	30	0.0038	0.11	0.0031	0.099	0.026	0.021	0.027	0.028	0.014	0.017	N/G	NP
BDE-17	BDE-17	ppb	40	35	88	0.0044	1.2	0.0047	0.030	0.26	0.26	0.36	0.36	0.075	0.060	NP	G
BDE-181	BDE-181	ppb	40	0	0	--	--	0.0074	0.22	--	--	--	--	--	--	--	--
BDE-197	BDE-197	ppb	40	26	65	0.015	4.9	0.013	0.061	0.52	0.52	0.91	0.90	0.11	0.080	G/Ln	NP
BDE-2	BDE-2	ppb	40	8	20	0.045	0.45	0.0092	0.075	0.047	0.068	0.085	0.077	0.024	0.022	G/Ln	NP
BDE-203	BDE-203	ppb	40	24	60	0.041	4.2	0.011	0.11	0.47	0.47	0.74	0.73	0.14	0.15	G/Ln	NP
BDE-207	BDE-207	ppb	40	30	75	0.070	24	0.091	0.92	2.0	2.0	3.9	3.8	0.57	0.46	G	NP
BDE-209	BDE-209	ppb	40	38	95	2.1	380	0.47	0.59	71	71	98	97	18	16	NP	NP
BDE-25	BDE-25	ppb	40	1	3	0.020	0.020	0.0026	0.045	0.0066	--	0.0056	--	0.0050	0.0046	--	--
BDE-35	BDE-35	ppb	40	10	25	0.0075	0.11	0.0011	0.060	0.023	0.021	0.029	0.028	0.0093	0.011	N/G/Ln	NP
BDE-47	BDE-47	ppb	40	40	100	0.090	6.5	--	--	0.87	0.87	1.2	1.2	0.42	0.26	NP	NP
BDE-49	BDE-49	ppb	40	35	88	0.0058	2.5	0.0100	0.024	0.53	0.53	0.71	0.71	0.14	0.12	Ln	NP
BDE-66	BDE-66	ppb	40	23	58	0.0054	0.23	0.0019	0.030	0.043	0.043	0.058	0.057	0.017	0.012	G/Ln	NP
BDE-7	BDE-7	ppb	40	36	90	0.0038	1.2	0.0030	0.014	0.22	0.22	0.33	0.32	0.062	0.053	Ln	G/Ln
BDE-75	BDE-75	ppb	40	20	50	0.0037	0.39	0.0010	0.019	0.069	0.069	0.12	0.12	0.012	0.0068	G/Ln	NP
BDE-77	BDE-77	ppb	40	0	0	--	--	0.00064	0.019	--	--	--	--	--	--	--	--
BDE-85	BDE-85	ppb	40	25	63	0.0064	0.19	0.0047	0.077	0.027	0.027	0.037	0.037	0.015	0.011	Ln	Ln
BDE-99	BDE-99	ppb	40	40	100	0.095	6.6	--	--	0.84	0.84	1.3	1.3	0.45	0.31	NP	NP

Table D-1
Summary Statistics
Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb	26	0	0	--	--	38	72	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	26	0	0	--	--	78	150	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	26	0	0	--	--	38	72	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	26	0	0	--	--	38	72	--	--	--	--	--	--	--	--
Aroclor-1248	12672-29-6	ppb	26	10	39	87	720	38	72	100	140	150	130	57	34	G/Ln	NP
Aroclor-1254	11097-69-1	ppb	26	0	0	--	--	38	72	--	--	--	--	--	--	--	--
Aroclor-1260	11096-82-5	ppb	26	10	39	67	370	38	72	88	110	100	86	54	33	N/G/Ln	NP
Total Aroclor PCBs	No CAS	ppb	26	12	46	67	1,000	78	150	180	190	220	210	120	70	G/Ln	NP
Pesticides																	
4,4'-DDD	72-54-8	ppb	91	26	29	7.8	120	3.8	91	18	16	19	18	11	9.0	G/Ln	NP
4,4'-DDE	72-55-9	ppb	91	39	43	11	260	3.8	91	35	35	46	46	18	23	G/Ln	NP
4,4'-DDT	50-29-3	ppb	91	10	11	7.0	61	3.8	91	13	9.5	14	8.5	8.2	6.0	N/G/Ln	NP
Aldrin	309-00-2	ppb	91	0	0	--	--	2.0	47	--	--	--	--	--	--	--	--
Alpha-BHC	319-84-6	ppb	91	7	8	12	38	2.0	47	8.2	13	7.4	3.8	5.4	5.5	N/G/Ln	NP
Alpha-Chlordane	5103-71-9	ppb	47	2	4	3.5	4.0	2.0	47	8.1	--	7.6	--	4.4	1.8	--	--
Beta-BHC	319-85-7	ppb	91	1	1	20	20	2.0	47	7.1	--	5.9	--	4.9	5.5	--	--
Delta-BHC	319-86-8	ppb	91	0	0	--	--	2.0	47	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb	91	5	6	14	20	3.8	91	11	14	12	0.99	7.3	5.5	N/G/Ln	NP
Endosulfan I	959-98-8	ppb	91	9	10	3.8	37	2.0	47	8.2	5.3	6.8	5.0	5.8	6.0	G/Ln	NP
Endosulfan II	33213-65-9	ppb	91	0	0	--	--	3.8	91	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb	91	1	1	4.9	4.9	3.8	91	11	--	12	--	7.0	5.5	--	--
Endrin	72-20-8	ppb	94	6	6	9.0	24	3.3	91	11	9.5	12	2.3	7.2	5.8	N/G/Ln	NP
Endrin Aldehyde	7421-93-4	ppb	91	4	4	19	140	3.8	91	13	--	18	--	7.5	5.5	--	--
Endrin Ketone	53494-70-5	ppb	91	12	13	8.2	64	3.8	91	14	12	14	9.6	8.5	6.0	N/G/Ln	NP
Gamma-BHC (Lindane)	58-89-9	ppb	94	0	0	--	--	1.7	47	--	--	--	--	--	--	--	--
Gamma-Chlordane	5566-34-7	ppb	21	0	0	--	--	21	47	--	--	--	--	--	--	--	--
Heptachlor	76-44-8	ppb	94	2	2	13	62	1.7	47	7.5	--	8.1	--	4.8	5.5	--	--
Heptachlor Epoxide	1024-57-3	ppb	94	2	2	15	140	1.7	47	8.3	--	15	--	4.9	5.5	--	--
Methoxychlor	72-43-5	ppb	94	7	7	13	210	7.6	470	46	17	67	23	18	13	Ln	NP
Total Alpha + Gamma Chlordane	No CAS	ppb	21	0	0	--	--	21	47	--	--	--	--	--	--	--	--
Total DDT (4,4)	No CAS	ppb	91	39	43	11	400	3.8	91	47	46	67	66	21	23	G/Ln	NP
Toxaphene	8001-35-2	ppb	94	0	0	--	--	17	910	--	--	--	--	--	--	--	--

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Summary Statistics
Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Semivolatiles																	
1,2,4-Trichlorobenzene	120-82-1	ppb	44	16	36	13	180	38	320	43	42	36	30	35	29	Ln	NP
1,2-Dichlorobenzene	95-50-1	ppb	44	11	25	17	51	380	3,200	260	28	270	11	160	220	G/Ln	NP
1,3-Dichlorobenzene	541-73-1	ppb	44	13	30	19	35	380	3,200	250	25	270	4.3	140	210	N/G/Ln	Ln
1,4-Dichlorobenzene	106-46-7	ppb	47	32	68	8.8	160	330	3,200	150	68	240	37	91	91	N	N
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	44	0	0	--	--	380	3,200	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	47	0	0	--	--	330	3,200	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	47	0	0	--	--	330	3,200	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	44	0	0	--	--	380	3,200	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	44	0	0	--	--	380	3,200	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	44	0	0	--	--	1,500	13,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	47	0	0	--	--	76	650	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	44	0	0	--	--	76	650	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	44	0	0	--	--	380	3,200	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	44	0	0	--	--	380	3,200	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	58	55	95	6.6	900	380	400	120	120	160	150	78	77	NP	NP
2-Methylphenol	95-48-7	ppb	47	0	0	--	--	330	3,200	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	44	0	0	--	--	760	6,500	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	44	0	0	--	--	380	3,200	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	44	0	0	--	--	760	6,500	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	44	0	0	--	--	760	6,500	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	44	0	0	--	--	1,500	13,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	44	24	55	0.070	0.81	380	3,200	150	0.32	270	0.21	6.2	0.71	G/Ln	NP
4-Chloro-3-Methylphenol	59-50-7	ppb	44	0	0	--	--	380	3,200	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	44	26	59	12	380	380	3,200	220	110	260	100	130	190	NP	G
4-Chlorophenyl phenyl ether	7005-72-3	ppb	44	0	0	--	--	380	3,200	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	44	35	80	8.8	220	380	1,100	110	69	100	51	69	67	G	G
4-Nitroaniline	100-01-6	ppb	44	0	0	--	--	760	6,500	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	44	0	0	--	--	1,500	13,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	72	60	83	8.9	11,000	380	8,600	720	450	1,600	1,400	190	150	NP	NP
Acenaphthylene	208-96-8	ppb	72	64	89	8.6	1,400	750	8,600	530	330	780	280	280	270	G	G
Anthracene	120-12-7	ppb	72	69	96	18	6,900	380	7,800	920	870	1,300	1,300	470	450	Ln	Ln
Benzo(a)anthracene	56-55-3	ppb	72	72	100	34	7,500	--	--	1,700	1,700	1,600	1,600	1,100	1,200	G	G
Benzo(a)pyrene	50-32-8	ppb	72	72	100	29	5,300	--	--	1,400	1,400	1,100	1,100	970	1,000	G	G
Benzo(b)fluoranthene	205-99-2	ppb	72	72	100	19	5,200	--	--	1,200	1,200	930	930	780	920	G	G
Benzo(g,h,i)perylene	191-24-2	ppb	72	71	99	16	2,400	750	750	690	690	540	540	500	540	G/Ln	G/Ln
Benzo(k)fluoranthene	207-08-9	ppb	72	72	100	27	5,500	--	--	1,300	1,300	1,000	1,000	870	960	G	G
Biphenyl	92-52-4	ppb	14	11	79	6.2	41	3.4	5.0	20	20	14	12	13	20	N/G/Ln	N

Table D-1
Summary Statistics
Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
bis(2-Chloroethoxy)methane	111-91-1	ppb	44	0	0	--	--	380	3,200	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	44	1	2	120	120	38	320	37	--	27	--	32	28	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	44	41	93	80	20,000	650	3,200	3,100	3,100	4,100	4,100	1,400	1,700	G/Ln	Ln
Butyl benzyl phthalate	85-68-7	ppb	44	4	9	160	740	380	3,200	350	--	240	--	300	270	--	--
Carbazole	86-74-8	ppb	44	40	91	8.7	350	380	410	87	76	82	77	57	57	G/Ln	G/Ln
Chrysene	218-01-9	ppb	72	72	100	29	9,000	--	--	1,900	1,900	1,700	1,700	1,300	1,400	G	G
Dibenzo(a,h)anthracene	53-70-3	ppb	72	58	81	9.6	880	38	8,600	470	210	850	180	200	180	G	NP
Dibenzofuran	132-64-9	ppb	58	54	93	11	1,800	5.0	390	150	140	310	310	69	66	NP	NP
Diethyl phthalate	84-66-2	ppb	44	1	2	210	210	380	3,200	350	--	230	--	310	280	--	--
Dimethylphthalate	131-11-3	ppb	44	0	0	--	--	380	3,200	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	44	1	2	140	140	380	3,200	350	--	240	--	300	280	--	--
Di-n-Octylphthalate	117-84-0	ppb	44	0	0	--	--	380	3,200	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	ppb	72	72	100	34	18,000	--	--	3,100	3,100	3,500	3,500	1,700	2,000	G/Ln	G/Ln
Fluorene	86-73-7	ppb	72	54	75	5.6	2,000	380	8,600	480	190	880	310	170	130	NP	NP
Hexachlorobenzene	118-74-1	ppb	47	0	0	--	--	38	330	--	--	--	--	--	--	--	--
Hexachlorobutadiene	87-68-3	ppb	47	0	0	--	--	76	650	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	44	0	0	--	--	380	3,200	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	47	0	0	--	--	38	330	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	72	70	97	13	2,300	75	7,800	690	650	630	500	470	530	G/Ln	Ln
Isophorone	78-59-1	ppb	44	0	0	--	--	380	3,200	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	72	64	89	18	6,400	380	8,600	810	630	1,200	1,000	370	320	NP	NP
Nitrobenzene	98-95-3	ppb	47	3	6	26	250	38	330	49	--	52	--	36	28	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	44	0	0	--	--	38	320	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	44	3	7	73	440	380	1,500	310	--	140	--	280	270	--	--
Pentachlorophenol	87-86-5	ppb	47	0	0	--	--	1,500	13,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb	72	70	97	25	4,900	380	7,800	940	900	1,100	1,100	520	490	Ln	Ln
Phenol	108-95-2	ppb	44	0	0	--	--	380	3,200	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb	72	72	100	65	18,000	--	--	3,500	3,500	3,200	3,200	2,300	2,500	G	G
Total HMW PAHs-SVOC	No CAS	ppb	72	72	100	280	65,000	--	--	16,000	16,000	14,000	14,000	10,000	11,000	G	G
Total LMW PAHs-SVOC	No CAS	ppb	58	58	100	8.6	25,000	--	--	3,300	3,300	5,100	5,100	1,700	1,600	NP	NP
TOTAL PAHs - SVOC	No CAS	ppb	58	58	100	290	87,000	--	--	18,000	18,000	18,000	18,000	12,000	12,000	G	G

Table D-1
Summary Statistics
Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Volatiles																	
1,1-Dichloroethene	75-35-4	ppb	3	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	ppb	3	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	ppb	3	3	100	7.1	8.7	--	--	8.1	8.1	0.90	0.90	8.1	8.6	--	--
Benzene	71-43-2	ppb	3	1	33	0.67	0.67	5.0	5.0	1.9	--	1.1	--	1.6	2.5	--	--
Carbon Tetrachloride	56-23-5	ppb	3	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb	3	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb	3	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	ppb	3	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb	3	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb	3	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Herbicides																	
2,4,5-TP (Silvex)	93-72-1	ppb	1	0	0	--	--	10	10	--	--	--	--	--	--	--	--
2,4-D	94-75-7	ppb	1	0	0	--	--	10	10	--	--	--	--	--	--	--	--
Organotins																	
Dibutyltin	1191-48-6	ppb	12	1	8	8.8	8.8	1.6	3.2	1.8	--	2.2	--	1.3	1.1	--	--
Monobutyltin	78763-54-9	ppb	12	0	0	--	--	1.2	2.4	--	--	--	--	--	--	--	--
Tetrabutyltin	1461-25-2	ppb	12	0	0	--	--	2.0	4.1	--	--	--	--	--	--	--	--
Tributyltin	688-73-3	ppb	12	1	8	2.8	2.8	1.8	3.7	1.4	--	0.56	--	1.3	1.3	--	--
PBDEs																	
BDE-1	BDE-1	ppb	14	2	14	0.25	0.31	0.018	0.095	0.056	--	0.097	--	0.024	0.013	--	--
BDE-10	BDE-10	ppb	14	0	0	--	--	0.0011	0.0071	--	--	--	--	--	--	--	--
BDE-100	BDE-100	ppb	14	13	93	0.0095	0.37	0.0090	0.0090	0.074	0.074	0.11	0.11	0.035	0.037	Ln	Ln
BDE-116	BDE-116	ppb	14	0	0	--	--	0.0068	0.087	--	--	--	--	--	--	--	--
BDE-126	BDE-126	ppb	14	0	0	--	--	0.0021	0.029	--	--	--	--	--	--	--	--
BDE-138	BDE-138	ppb	14	0	0	--	--	0.0066	0.14	--	--	--	--	--	--	--	--
BDE-15	BDE-15	ppb	14	7	50	0.0026	4.0	0.00063	0.0015	0.44	0.44	1.1	1.0	0.0084	0.0017	G/Ln	NP
BDE-153	BDE-153	ppb	14	4	29	0.012	0.82	0.0096	0.13	0.11	--	0.24	--	0.028	0.018	--	--
BDE-154	BDE-154	ppb	14	4	29	0.011	0.48	0.0059	0.084	0.078	--	0.16	--	0.020	0.012	--	--
BDE-155	BDE-155	ppb	14	2	14	0.068	0.072	0.0046	0.071	0.019	--	0.023	--	0.011	0.010	--	--
BDE-17	BDE-17	ppb	14	3	21	0.0070	0.78	0.0018	0.0068	0.11	--	0.28	--	0.0041	0.0017	--	--
BDE-181	BDE-181	ppb	14	0	0	--	--	0.0063	0.14	--	--	--	--	--	--	--	--
BDE-197	BDE-197	ppb	14	3	21	0.19	1.8	0.0073	0.035	0.25	--	0.58	--	0.021	0.0095	--	--
BDE-2	BDE-2	ppb	14	2	14	0.36	0.44	0.011	0.063	0.068	--	0.14	--	0.017	0.0087	--	--
BDE-203	BDE-203	ppb	14	3	21	0.18	1.6	0.013	0.066	0.24	--	0.53	--	0.033	0.017	--	--
BDE-207	BDE-207	ppb	14	3	21	1.1	4.9	0.028	0.74	0.75	--	1.5	--	0.12	0.061	--	--

Table D-1
Summary Statistics
Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
BDE-209	BDE-209	ppb	14	7	50	0.18	250	0.27	1.7	31	31	75	72	1.1	0.40	G/Ln	NP
BDE-25	BDE-25	ppb	14	0	0	--	--	0.0036	0.029	--	--	--	--	--	--	--	--
BDE-35	BDE-35	ppb	14	0	0	--	--	0.0016	0.098	--	--	--	--	--	--	--	--
BDE-47	BDE-47	ppb	14	14	100	0.034	1.8	--	--	0.32	0.32	0.56	0.56	0.13	0.10	NP	NP
BDE-49	BDE-49	ppb	14	5	36	0.0078	2.4	0.0024	0.0080	0.30	0.30	0.75	0.73	0.0083	0.0028	NP	NP
BDE-66	BDE-66	ppb	14	3	21	0.0070	0.17	0.0032	0.0099	0.023	--	0.052	--	0.0053	0.0033	--	--
BDE-7	BDE-7	ppb	14	4	29	0.0025	0.82	0.0012	0.0060	0.11	--	0.28	--	0.0035	0.0012	--	--
BDE-75	BDE-75	ppb	14	2	14	0.37	0.50	0.0020	0.0066	0.064	--	0.16	--	0.0039	0.0020	--	--
BDE-77	BDE-77	ppb	14	0	0	--	--	0.0018	0.014	--	--	--	--	--	--	--	--
BDE-85	BDE-85	ppb	14	4	29	0.0088	0.054	0.0041	0.015	0.012	--	0.016	--	0.0063	0.0050	--	--
BDE-99	BDE-99	ppb	14	14	100	0.034	1.1	--	--	0.27	0.27	0.34	0.34	0.16	0.16	G/Ln	G/Ln
Pesticides																	
4,4'-DDD	72-54-8	ppb	18	2	11	41	63	7.9	80	20	--	18	--	13	8.3	--	--
4,4'-DDE	72-55-9	ppb	18	3	17	14	450	7.9	80	48	--	110	--	16	11	--	--
4,4'-DDT	50-29-3	ppb	18	1	6	37	37	7.9	80	17	--	15	--	11	8.0	--	--
Aldrin	309-00-2	ppb	18	0	0	--	--	7.9	41	--	--	--	--	--	--	--	--
Alpha-BHC	319-84-6	ppb	18	0	0	--	--	7.9	41	--	--	--	--	--	--	--	--
Alpha-Chlordane	5103-71-9	ppb	6	0	0	--	--	21	41	--	--	--	--	--	--	--	--
Beta-BHC	319-85-7	ppb	18	1	6	21	21	7.9	41	10	--	6.5	--	8.6	7.5	--	--
Delta-BHC	319-86-8	ppb	18	0	0	--	--	7.9	41	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb	18	1	6	78	78	7.9	80	19	--	20	--	12	7.5	--	--
Endosulfan I	959-98-8	ppb	18	0	0	--	--	7.9	41	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb	18	0	0	--	--	7.9	80	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb	18	0	0	--	--	7.9	80	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb	19	0	0	--	--	3.3	80	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb	18	1	6	38	38	7.9	80	17	--	15	--	11	7.5	--	--
Endrin Ketone	53494-70-5	ppb	18	3	17	17	180	7.9	80	26	--	41	--	14	13	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	19	1	5	19	19	1.7	41	9.9	--	6.4	--	7.7	8.0	--	--
Gamma-Chlordane	5566-34-7	ppb	6	0	0	--	--	21	41	--	--	--	--	--	--	--	--
Heptachlor	76-44-8	ppb	19	1	5	58	58	1.7	41	12	--	13	--	8.1	7.0	--	--
Heptachlor Epoxide	1024-57-3	ppb	19	1	5	56	56	1.7	41	12	--	12	--	8.1	7.0	--	--
Methoxychlor	72-43-5	ppb	19	3	16	19	26	7.9	410	61	--	79	--	21	8.5	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb	6	0	0	--	--	21	41	--	--	--	--	--	--	--	--
Total DDT (4,4)	No CAS	ppb	18	3	17	14	510	7.9	80	56	--	120	--	17	11	--	--
Toxaphene	8001-35-2	ppb	19	0	0	--	--	17	800	--	--	--	--	--	--	--	--

Table D-1
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Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Semivolatiles																	
1,2,4-Trichlorobenzene	120-82-1	ppb	12	1	8	33	33	39	420	52	--	52	--	40	37	--	--
1,2-Dichlorobenzene	95-50-1	ppb	12	1	8	29	29	390	4,200	500	--	540	--	330	370	--	--
1,3-Dichlorobenzene	541-73-1	ppb	12	1	8	40	40	390	4,200	500	--	540	--	340	370	--	--
1,4-Dichlorobenzene	106-46-7	ppb	13	3	23	67	120	330	4,200	410	--	530	--	260	200	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	13	0	0	--	--	330	4,200	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	13	0	0	--	--	330	4,200	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	12	0	0	--	--	1,600	17,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	13	0	0	--	--	79	830	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	12	0	0	--	--	79	830	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	12	7	58	58	1,900	390	4,200	520	350	700	500	280	250	G/Ln	NP
2-Methylphenol	95-48-7	ppb	13	0	0	--	--	330	4,200	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	12	0	0	--	--	790	8,300	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	12	0	0	--	--	790	8,300	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	12	0	0	--	--	790	8,300	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	12	0	0	--	--	1,600	17,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	14	4	29	0.16	1.4	0.0099	1,300	210	--	240	--	12	200	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	12	2	17	84	200	390	4,200	480	--	540	--	340	330	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	12	5	42	12	180	390	4,200	400	76	570	64	180	200	N/G/Ln	NP
4-Nitroaniline	100-01-6	ppb	12	0	0	--	--	790	8,300	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	12	0	0	--	--	1,600	17,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	22	11	50	25	2,900	390	4,500	840	490	880	680	450	330	G/Ln	Ln
Acenaphthylene	208-96-8	ppb	22	13	59	80	1,500	390	4,500	670	470	640	370	450	370	N/G/Ln	G/Ln
Anthracene	120-12-7	ppb	22	14	64	110	7,000	390	4,500	1,300	1,200	1,600	1,600	690	650	G/Ln	Ln
Benzo(a)anthracene	56-55-3	ppb	22	18	82	84	8,500	39	71	1,800	1,900	2,300	2,200	610	950	G/Ln	N/Ln
Benzo(a)pyrene	50-32-8	ppb	22	17	77	83	5,000	39	71	1,500	1,500	1,600	1,600	500	740	G/Ln	N
Benzo(b)fluoranthene	205-99-2	ppb	22	17	77	72	3,900	39	71	1,200	1,200	1,300	1,200	410	610	G/Ln	N
Benzo(g,h,i)perylene	191-24-2	ppb	22	17	77	50	2,600	390	710	760	750	800	790	450	350	G/Ln	G/Ln
Benzo(k)fluoranthene	207-08-9	ppb	22	17	77	67	4,100	39	71	1,300	1,300	1,400	1,300	450	790	G/Ln	N
bis(2-Chloroethoxy)methane	111-91-1	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--

Table D-1
Summary Statistics
Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
bis(2-Chloroethyl)ether	111-44-4	ppb	12	0	0	--	--	39	420	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	12	6	50	100	33,000	400	1,300	5,800	5,700	10,000	10,000	1,100	580	N/G/Ln	NP
Butyl benzyl phthalate	85-68-7	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb	12	8	67	8.2	280	400	4,200	290	88	580	81	110	110	G/Ln	G/Ln
Chrysene	218-01-9	ppb	22	18	82	92	9,900	390	710	2,100	2,100	2,500	2,400	1,000	1,200	G/Ln	Ln
Dibenzo(a,h)anthracene	53-70-3	ppb	22	12	55	57	880	39	4,500	410	270	550	270	180	210	N/G/Ln	N/Ln
Dibenzofuran	132-64-9	ppb	12	7	58	29	960	390	4,200	440	240	580	260	230	250	G/Ln	G/Ln
Diethyl phthalate	84-66-2	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--
Di-n-Octylphthalate	117-84-0	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	ppb	22	18	82	130	14,000	390	710	3,300	3,300	3,900	3,800	1,400	1,400	G/Ln	Ln
Fluorene	86-73-7	ppb	22	9	41	68	3,100	390	4,800	920	430	960	740	480	330	Ln	NP
Hexachlorobenzene	118-74-1	ppb	13	0	0	--	--	39	420	--	--	--	--	--	--	--	--
Hexachlorobutadiene	87-68-3	ppb	13	0	0	--	--	79	830	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	13	0	0	--	--	39	420	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	22	16	73	100	2,400	39	400	660	670	760	730	270	320	G/Ln	N/Ln
Isophorone	78-59-1	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	22	12	55	43	9,900	390	4,500	1,300	1,000	2,100	2,000	620	560	Ln	Ln
Nitrobenzene	98-95-3	ppb	13	1	8	110	110	39	420	65	--	60	--	48	40	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	12	0	0	--	--	39	420	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	12	2	17	44	350	390	4,200	510	--	530	--	360	370	--	--
Pentachlorophenol	87-86-5	ppb	13	0	0	--	--	1,600	17,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb	22	15	68	67	16,000	390	4,500	1,900	1,800	3,500	3,500	720	590	G/Ln	Ln
Phenol	108-95-2	ppb	12	0	0	--	--	390	4,200	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb	22	18	82	130	21,000	390	710	3,800	3,800	4,900	4,800	1,600	2,000	G/Ln	Ln
Total HMW PAHs-SVOC	No CAS	ppb	22	18	82	710	67,000	390	710	16,000	16,000	19,000	18,000	5,600	9,000	G/Ln	N
Total LMW PAHs-SVOC	No CAS	ppb	12	9	75	340	42,000	390	610	6,900	6,900	12,000	12,000	1,700	1,600	G/Ln	Ln
TOTAL PAHs - SVOC	No CAS	ppb	12	10	83	750	110,000	390	610	25,000	25,000	33,000	32,000	6,900	9,500	G/Ln	N/Ln

Table D-1
Summary Statistics
Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Volatiles																	
1,1-Dichloroethene	75-35-4	ppb	1	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	ppb	1	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	ppb	1	1	100	8.1	8.1	--	--	--	--	--	--	--	8.1	--	--
Benzene	71-43-2	ppb	1	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
Carbon Tetrachloride	56-23-5	ppb	1	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb	1	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb	1	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	ppb	1	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb	1	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb	1	0	0	--	--	5.0	5.0	--	--	--	--	--	--	--	--
Subsurface (>3.5 ft bss)																	
Organotins																	
Dibutyltin	1191-48-6	ppb	11	1	9	4.0	4.0	1.5	2.9	1.4	--	0.90	--	1.2	1.2	--	--
Monobutyltin	78763-54-9	ppb	11	0	0	--	--	1.2	2.4	--	--	--	--	--	--	--	--
Tetrabutyltin	1461-25-2	ppb	11	0	0	--	--	2.0	4.1	--	--	--	--	--	--	--	--
Tributyltin	688-73-3	ppb	11	0	0	--	--	1.7	3.7	--	--	--	--	--	--	--	--
PBDEs																	
BDE-1	BDE-1	ppb	13	1	8	0.14	0.14	0.015	0.18	0.034	--	0.038	--	0.024	0.020	--	--
BDE-10	BDE-10	ppb	13	0	0	--	--	0.00078	0.0043	--	--	--	--	--	--	--	--
BDE-100	BDE-100	ppb	13	12	92	0.0073	0.52	0.028	0.028	0.072	0.073	0.14	0.13	0.035	0.027	Ln	G/Ln
BDE-116	BDE-116	ppb	13	0	0	--	--	0.0035	0.080	--	--	--	--	--	--	--	--
BDE-126	BDE-126	ppb	13	0	0	--	--	0.0014	0.032	--	--	--	--	--	--	--	--
BDE-138	BDE-138	ppb	13	1	8	0.12	0.12	0.0056	0.19	0.041	--	0.039	--	0.023	0.026	--	--
BDE-15	BDE-15	ppb	13	8	62	0.0013	0.87	0.00046	0.0025	0.11	0.11	0.27	0.26	0.0034	0.0022	NP	G/Ln
BDE-153	BDE-153	ppb	13	4	31	0.012	0.99	0.0074	0.18	0.12	--	0.27	--	0.034	0.022	--	--
BDE-154	BDE-154	ppb	13	4	31	0.0075	0.63	0.0046	0.13	0.083	--	0.17	--	0.023	0.015	--	--
BDE-155	BDE-155	ppb	13	1	8	0.042	0.042	0.0034	0.11	0.022	--	0.020	--	0.012	0.013	--	--
BDE-17	BDE-17	ppb	13	2	15	0.22	0.79	0.0014	0.0054	0.079	--	0.22	--	0.0037	0.0017	--	--
BDE-181	BDE-181	ppb	13	0	0	--	--	0.0046	0.15	--	--	--	--	--	--	--	--
BDE-197	BDE-197	ppb	13	2	15	1.0	2.9	0.0047	0.033	0.31	--	0.84	--	0.017	0.0089	--	--
BDE-2	BDE-2	ppb	13	2	15	0.30	0.41	0.010	0.12	0.069	--	0.13	--	0.021	0.013	--	--
BDE-203	BDE-203	ppb	13	2	15	1.0	1.9	0.0089	0.063	0.24	--	0.58	--	0.027	0.016	--	--
BDE-207	BDE-207	ppb	13	2	15	4.0	7.0	0.034	0.28	0.89	--	2.1	--	0.10	0.058	--	--
BDE-209	BDE-209	ppb	13	9	69	0.25	240	0.19	0.97	28	28	71	68	1.3	0.59	Ln	G/Ln
BDE-25	BDE-25	ppb	13	0	0	--	--	0.0028	0.023	--	--	--	--	--	--	--	--
BDE-35	BDE-35	ppb	13	0	0	--	--	0.0012	0.094	--	--	--	--	--	--	--	--

Table D-1
Summary Statistics
Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
BDE-47	BDE-47	ppb	13	13	100	0.034	2.1	--	--	0.28	0.28	0.55	0.55	0.13	0.091	NP	NP
BDE-49	BDE-49	ppb	13	2	15	0.71	3.1	0.0029	0.0095	0.29	--	0.86	--	0.0074	0.0026	--	--
BDE-66	BDE-66	ppb	13	2	15	0.048	0.14	0.0036	0.012	0.017	--	0.038	--	0.0058	0.0035	--	--
BDE-7	BDE-7	ppb	13	2	15	0.32	0.37	0.00089	0.0049	0.054	--	0.13	--	0.0022	0.00094	--	--
BDE-75	BDE-75	ppb	13	1	8	0.17	0.17	0.0024	0.0085	0.016	--	0.048	--	0.0034	0.0022	--	--
BDE-77	BDE-77	ppb	13	0	0	--	--	0.0019	0.0095	--	--	--	--	--	--	--	--
BDE-85	BDE-85	ppb	13	2	15	0.0036	0.066	0.0017	0.038	0.010	--	0.017	--	0.0053	0.0050	--	--
BDE-99	BDE-99	ppb	13	13	100	0.032	1.4	--	--	0.25	0.25	0.35	0.35	0.16	0.13	Ln	Ln
Pesticides																	
4,4'-DDD	72-54-8	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
4,4'-DDE	72-55-9	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
4,4'-DDT	50-29-3	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
Aldrin	309-00-2	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
Alpha-BHC	319-84-6	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
Beta-BHC	319-85-7	ppb	11	2	18	18	23	8.0	17	8.6	--	6.1	--	7.3	6.5	--	--
Delta-BHC	319-86-8	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
Endosulfan I	959-98-8	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
Heptachlor	76-44-8	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
Methoxychlor	72-43-5	ppb	11	1	9	20	20	8.0	17	7.4	--	4.4	--	6.7	6.5	--	--
Total DDT (4,4)	No CAS	ppb	11	0	0	--	--	8.0	17	--	--	--	--	--	--	--	--
Toxaphene	8001-35-2	ppb	11	0	0	--	--	80	170	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4-Trichlorobenzene	120-82-1	ppb	11	1	9	38	38	40	160	41	--	21	--	37	33	--	--
1,2-Dichlorobenzene	95-50-1	ppb	11	1	9	20	20	400	1,600	380	--	240	--	280	300	--	--
1,3-Dichlorobenzene	541-73-1	ppb	11	1	9	29	29	400	1,600	380	--	240	--	290	300	--	--
1,4-Dichlorobenzene	106-46-7	ppb	11	2	18	50	110	400	1,600	350	--	250	--	270	270	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--

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Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2,4-Dichlorophenol	120-83-2	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	11	0	0	--	--	1,600	6,400	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	11	0	0	--	--	79	320	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	11	0	0	--	--	79	320	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	11	7	64	31	4,900	400	1,600	860	810	1,400	1,400	370	370	G/Ln	G/Ln
2-Methylphenol	95-48-7	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	11	0	0	--	--	790	3,200	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	11	0	0	--	--	790	3,200	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	11	0	0	--	--	790	3,200	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	11	0	0	--	--	1,600	6,400	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	13	2	15	0.61	0.78	0.013	1,600	290	--	280	--	26	270	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	11	2	18	94	100	400	1,600	350	--	250	--	280	270	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	11	7	64	42	280	400	830	160	100	120	76	130	120	G/Ln	G/Ln
4-Nitroaniline	100-01-6	ppb	11	0	0	--	--	790	3,200	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	11	0	0	--	--	1,600	6,400	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	21	15	71	12	5,500	390	530	1,000	960	1,700	1,600	340	210	G/Ln	Ln
Acenaphthylene	208-96-8	ppb	21	15	71	39	4,700	390	530	610	610	990	970	330	300	G/Ln	Ln
Anthracene	120-12-7	ppb	21	16	76	23	10,000	390	530	1,900	1,900	3,000	3,000	590	380	G/Ln	Ln
Benzo(a)anthracene	56-55-3	ppb	21	16	76	36	16,000	39	53	2,500	2,500	3,900	3,800	510	770	G/Ln	Ln
Benzo(a)pyrene	50-32-8	ppb	21	15	71	82	8,800	39	53	1,500	1,500	2,200	2,100	390	770	G/Ln	N/Ln
Benzo(b)fluoranthene	205-99-2	ppb	21	16	76	19	4,800	39	53	1,100	1,100	1,400	1,300	310	650	G/Ln	N/Ln
Benzo(g,h,i)perylene	191-24-2	ppb	21	15	71	39	2,600	390	530	620	620	660	650	380	290	G/Ln	Ln
Benzo(k)fluoranthene	207-08-9	ppb	21	16	76	17	6,900	39	53	1,300	1,300	1,700	1,700	360	820	G	N/Ln
bis(2-Chloroethoxy)methane	111-91-1	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	11	0	0	--	--	40	160	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	11	5	46	100	7,000	400	1,600	1,300	1,100	2,200	2,200	510	310	N/G/Ln	NP
Butyl benzyl phthalate	85-68-7	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb	11	8	73	33	390	400	530	150	120	110	110	120	130	G/Ln	G/Ln
Chrysene	218-01-9	ppb	21	16	76	43	20,000	390	530	3,100	3,000	4,800	4,700	1,000	1,000	G/Ln	Ln
Dibenzo(a,h)anthracene	53-70-3	ppb	21	13	62	67	880	39	83	220	230	260	240	99	96	N/G/Ln	N/Ln
Dibenzofuran	132-64-9	ppb	11	8	73	30	2,000	400	530	440	420	570	550	250	230	G/Ln	Ln
Diethyl phthalate	84-66-2	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--

Table D-1
Summary Statistics
Newark Bay Study Area - Honeywell Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Dimethylphthalate	131-11-3	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
Di-n-Octylphthalate	117-84-0	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	ppb	21	15	71	59	18,000	390	530	3,400	3,400	5,200	5,100	1,100	1,100	G/Ln	Ln
Fluorene	86-73-7	ppb	21	14	67	8.6	4,600	390	1,600	750	690	1,300	1,300	290	210	G/Ln	Ln
Hexachlorobenzene	118-74-1	ppb	11	0	0	--	--	40	160	--	--	--	--	--	--	--	--
Hexachlorobutadiene	87-68-3	ppb	11	0	0	--	--	79	320	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	11	0	0	--	--	40	160	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	21	15	71	33	2,300	39	53	530	530	650	630	190	300	G/Ln	N/Ln
Isophorone	78-59-1	ppb	11	1	9	420	420	400	1,600	390	--	200	--	350	330	--	--
Naphthalene	91-20-3	ppb	21	15	71	69	10,000	390	530	1,700	1,700	2,600	2,500	600	300	G/Ln	Ln
Nitrobenzene	98-95-3	ppb	11	1	9	81	81	40	160	45	--	24	--	39	33	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	11	0	0	--	--	40	160	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	11	2	18	18	160	400	1,600	380	--	240	--	280	330	--	--
Pentachlorophenol	87-86-5	ppb	11	0	0	--	--	1,600	6,400	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb	21	16	76	21	18,000	390	530	3,400	3,400	5,900	5,700	820	600	G/Ln	Ln
Phenol	108-95-2	ppb	11	0	0	--	--	400	1,600	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb	21	15	71	59	28,000	390	530	4,800	4,800	7,600	7,500	1,300	1,300	G/Ln	Ln
Total HMW PAHs-SVOC	No CAS	ppb	21	16	76	230	100,000	390	530	19,000	19,000	27,000	26,000	4,400	6,600	G/Ln	Ln
Total LMW PAHs-SVOC	No CAS	ppb	11	9	82	120	45,000	400	530	15,000	15,000	18,000	17,000	3,600	7,600	N/G/Ln	N/G/Ln
TOTAL PAHs - SVOC	No CAS	ppb	11	9	82	930	140,000	400	530	45,000	45,000	50,000	48,000	11,000	24,000	N/G/Ln	N/Ln

Abbreviations:

-- not applicable due to frequency of detection
1/2 DL = half the detection limit (e.g., sample reporting limit)
CAS = Chemical Abstracts Service
FOD = frequency of detection (detects / total)
ft bss = feet below sediment surface
GM = geometric mean
GOF = goodness-of-fit
HMW = high molecular weight
KM = Kaplan-Meier
LMW = low molecular weight
Max = maximum
Min = minimum
ND = nondetect
PAH = polynuclear aromatic hydrocarbon
PBDE = polybrominated diphenyl ether
PCB = polychlorinated biphenyls
ppb = parts per billion
ppm = parts per million
ppt = parts per trillion
ROS = regression on ordered statistics
SD = standard deviation
SVOC = semivolatile organic compound
TPH = total petroleum hydrocarbon

Notes:

[1] Total concentrations are based on the sum of detected observations; therefore statistics for totals are based on detected observations.

[2] KM and GOF statistics generated using USEPA ProUCL (v. 4.1.01) software (USEPA, 2011). Remaining statistics generated in MS Access 2010.

[3] When FOD = 100%, the KM statistics are equal to the arithmetic mean and standard deviation of the full dataset.

[4] KM statistics and GOF results only reported for constituents with at least 8 total observations and 5 distinct detected observations (USEPA, 2010).

[5] The GM is a parameter that specifically defines a lognormal distribution and is equal to the anti-log of the mean of the log-transformed values. GM is generally not descriptive of the central tendency

[6] Distribution assessed by GOF tests at 95% confidence level (α = 0.05) using ProUCL 4.1.01 Left-censored data are evaluated with both detects only and ROS methods (USEPA, 2010).
Normal (N): dataset follows a normal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Gamma (G): dataset follows a gamma distribution, according to the Kolmogorov-Smirnov test.
Lognormal (Ln): dataset follows a lognormal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Nonparametric (NP): dataset does not follow any of the three distributions noted above.

[7] Level = data usability levels. For information about these levels and their applicability, please refer to Section 3 of the report

[8] This table presents data for each of the 18 select chemicals (where available) identified for focused evaluation in Section 4.3

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	105	105	100	8.32	2,260	--	--	301	301	301	301	213	237	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	105	105	100	13.7	1,910	--	--	312	312	303	303	207	225	G	G
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	105	105	100	0.652	90.4	--	--	14.2	14.2	13.8	13.8	9.81	10.2	G/Ln	G/Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	105	104	99	0.320	15.7	2.05	2.05	3.84	3.80	2.47	2.50	3.11	3.68	NP	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	105	105	100	3.50	433	--	--	75.7	75.7	76.4	76.4	48.5	51.9	G/Ln	G/Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	105	105	100	0.613	98.3	--	--	17.2	17.2	15.0	15.0	12.6	14.7	NP	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	105	105	100	1.13	85.6	--	--	20.4	20.4	16.0	16.0	14.8	16.4	G	G
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	105	105	100	0.678	50.5	--	--	9.97	10.0	7.37	7.40	7.83	9.09	NP	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	105	77	73	0.264	21.0	0.539	8.74	3.30	3.30	3.47	3.50	2.05	2.39	G/Ln	Ln
1,2,3,7,8-PeCDD	40321-76-4	ppt	105	105	100	0.218	17.7	--	--	3.79	3.80	2.79	2.80	2.95	3.36	NP	NP
1,2,3,7,8-PeCDF	57117-41-6	ppt	105	105	100	0.634	36.9	--	--	9.90	9.90	6.07	6.10	7.99	9.09	G	G
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	105	105	100	0.911	57.3	--	--	11.3	11.3	8.60	8.60	8.60	10.3	G	G
2,3,4,7,8-PeCDF	57117-31-4	ppt	105	105	100	1.43	75.0	--	--	18.1	18.1	13.0	13.0	13.9	16.3	G	G
2,3,7,8-TCDD	1746-01-6	ppt	105	105	100	0.947	592	--	--	71.6	71.6	77.6	77.6	45.2	51.4	G	G
2,3,7,8-TCDF	51207-31-9	ppt	105	105	100	0.801	87.4	--	--	18.6	18.6	13.7	13.7	14.6	16.0	NP	NP
OCDD	3268-87-9	ppt	105	105	100	113	28,100	--	--	3,010	3,010	3,300	3,300	2,200	2,380	NP	NP
OCDF	39001-02-0	ppt	105	105	100	19.7	3,600	--	--	536	536	552	552	352	395	G	G
Total HpCDD	37871-00-4	ppt	105	105	100	20.0	5,310	--	--	740	740	733	733	530	587	NP	NP
Total HpCDF	38998-75-3	ppt	105	105	100	20.2	3,490	--	--	477	477	457	457	328	373	G	G
Total HxCDD	34465-46-8	ppt	105	105	100	7.12	736	--	--	182	182	129	129	144	163	NP	NP
Total HxCDF	55684-94-1	ppt	105	105	100	15.3	1,450	--	--	295	295	229	229	216	242	G	G
Total PeCDD	36088-22-9	ppt	105	105	100	2.32	255	--	--	52.7	52.7	36.6	36.6	42.0	48.2	G	G
Total PeCDF	30402-15-4	ppt	105	105	100	16.7	1,000	--	--	276	276	187	187	210	254	N/G	N/G
Total TCDD	41903-57-5	ppt	105	105	100	7.08	946	--	--	142	142	118	118	105	125	NP	NP
Total TCDF	55722-27-5	ppt	105	105	100	17.2	1,510	--	--	395	395	284	284	300	350	G	G
Congener PCBs																	
PCB-1	2051-60-7	ppt	104	104	100	25.2	6,430	--	--	1,170	1,170	1,060	1,060	757	953	NP	NP
PCB-100	39485-83-1	ppt	105	104	99	18.8	1,720	42.2	42.2	311	311	265	263	220	261	NP	NP
PCB-103	60145-21-3	ppt	105	103	98	17.2	1,890	42.1	42.2	336	336	325	324	224	260	NP	NP
PCB-104	56558-16-8	ppt	105	70	67	4.81	258	6.00	209	29.0	26.9	29.8	28.2	21.7	21.4	NP	NP
PCB-105	32598-14-4	ppt	105	105	100	54.3	66,900	--	--	8,100	8,100	10,400	10,400	4,920	5,390	NP	NP
PCB-106/118	PCB-106/118	ppt	105	105	100	143	160,000	--	--	21,300	21,300	25,300	25,300	13,300	14,600	NP	NP
PCB-107/109	70424-68-9/7447	ppt	105	105	100	17.0	11,900	--	--	1,670	1,670	1,880	1,880	1,060	1,170	NP	NP
PCB-108/112	70362-41-3/7447	ppt	105	104	99	45.3	12,100	42.2	42.2	1,320	1,320	1,720	1,710	801	847	NP	NP
PCB-11	2050-67-1	ppt	105	105	100	135	59,100	--	--	6,700	6,700	8,850	8,850	3,980	4,270	NP	NP
PCB-110	38380-03-9	ppt	105	105	100	161	210,000	--	--	27,800	27,800	33,900	33,900	17,000	18,100	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Newark Bay Study Area Remedial Investigation
Phase I and Phase II
Data Evaluation and Analysis Report
Revision 2
September 2014

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-111/115	PCB-111/115	ppt	105	104	99	20.1	4,970	42.2	42.2	499	499	706	703	291	310	NP	NP
PCB-113	68194-10-5	ppt	105	78	74	8.40	1,910	6.00	213	107	106	246	245	48.7	52.0	NP	Ln
PCB-114	74472-37-0	ppt	105	104	99	18.2	5,710	42.2	42.2	521	521	761	757	305	324	NP	NP
PCB-119	56558-17-9	ppt	105	104	99	28.0	4,440	42.2	42.2	702	702	705	701	468	533	NP	NP
PCB-12/13	PCB-12/13	ppt	105	104	99	77.2	16,700	84.5	84.5	2,690	2,690	2,730	2,720	1,750	2,110	NP	NP
PCB-120	68194-12-7	ppt	105	86	82	13.1	33,200	6.00	142	404	405	3,240	3,220	50.2	52.6	NP	NP
PCB-121	56558-18-0	ppt	105	2	2	42.5	155	6.00	213	21.7	--	21.3	--	16.3	20.6	--	--
PCB-122	76842-07-4	ppt	105	104	99	13.9	2,910	42.2	42.2	308	308	407	405	190	209	NP	NP
PCB-123	65510-44-3	ppt	105	104	99	16.7	2,980	42.2	42.2	423	423	497	494	269	294	NP	NP
PCB-124	70424-70-3	ppt	105	104	99	28.3	6,360	42.2	42.2	866	866	1,070	1,070	529	558	Ln	Ln
PCB-126	57465-28-8	ppt	105	104	99	3.04	900	42.2	42.2	128	128	142	141	85.5	93.5	NP	NP
PCB-127	39635-33-1	ppt	105	2	2	26.7	42.5	6.00	213	20.5	--	16.8	--	16.0	20.5	--	--
PCB-128/162	PCB-128/162	ppt	105	105	100	18.0	19,500	--	--	3,040	3,040	3,560	3,560	1,860	2,060	NP	NP
PCB-129	55215-18-4	ppt	105	104	99	26.9	5,400	42.2	42.2	814	814	1,010	1,000	489	510	Ln	Ln
PCB-130	52663-66-8	ppt	105	105	100	11.0	6,720	--	--	1,250	1,250	1,280	1,280	816	903	NP	NP
PCB-131	61798-70-7	ppt	105	10	10	8.89	47.1	6.00	209	19.6	11.9	14.7	6.80	15.7	20.5	G/Ln	NP
PCB-132/161	38380-05-1/7447	ppt	105	105	100	30.6	36,100	--	--	5,560	5,560	6,550	6,550	3,390	3,600	NP	NP
PCB-133/142	PCB-133/142	ppt	105	104	99	20.2	3,510	42.2	42.2	609	609	654	650	391	422	NP	NP
PCB-134/143	PCB-134/143	ppt	105	104	99	34.8	6,790	42.2	42.2	1,070	1,070	1,220	1,220	670	716	Ln	Ln
PCB-135	52744-13-5	ppt	105	105	100	20.6	17,000	--	--	2,750	2,750	3,020	3,020	1,740	1,880	NP	NP
PCB-136	38411-22-2	ppt	105	105	100	15.1	17,600	--	--	2,740	2,740	3,080	3,080	1,710	1,940	NP	NP
PCB-137	35694-06-5	ppt	105	104	99	41.0	6,570	42.2	42.2	925	925	1,160	1,150	562	584	Ln	Ln
PCB-138/163/164	35065-28-2/7447	ppt	105	105	100	119	118,000	--	--	20,000	20,000	21,600	21,600	12,700	13,900	NP	NP
PCB-139/149	PCB-139/149	ppt	105	105	100	103	107,000	--	--	17,300	17,300	18,700	18,700	11,000	12,200	NP	NP
PCB-14	34883-41-5	ppt	105	2	2	8.57	97.2	7.86	427	35.6	--	35.2	--	25.2	39.0	--	--
PCB-140	59291-64-4	ppt	105	100	95	8.62	594	12.6	59.6	130	130	123	122	89.0	101	NP	NP
PCB-141	52712-04-6	ppt	105	105	100	24.1	24,700	--	--	3,480	3,480	4,320	4,320	2,070	2,200	NP	NP
PCB-144	68194-14-9	ppt	105	104	99	32.9	6,760	42.2	42.2	949	949	1,110	1,100	590	635	Ln	NP
PCB-145	74472-40-5	ppt	105	27	26	3.51	51.7	6.00	142	18.4	12.6	11.5	11.0	14.9	20.1	G/Ln	NP
PCB-146/165	51908-16-8/7447	ppt	105	105	100	23.7	17,000	--	--	3,000	3,000	3,070	3,070	1,950	2,170	NP	NP
PCB-147	68194-13-8	ppt	105	104	99	39.0	2,410	42.2	42.2	620	620	535	532	432	499	NP	NP
PCB-148	74472-41-6	ppt	105	90	86	10.2	360	6.00	104	54.4	55.0	51.4	50.8	39.4	43.4	NP	Ln
PCB-15	2050-68-2	ppt	105	105	100	319	74,800	--	--	15,200	15,200	13,300	13,300	10,500	13,100	NP	NP
PCB-150	68194-08-1	ppt	105	97	92	6.82	459	12.6	142	85.0	85.0	76.3	76.1	60.3	65.3	G	NP
PCB-151	52663-63-5	ppt	105	104	99	183	31,800	42.2	42.2	4,820	4,820	5,410	5,380	3,010	3,280	NP	NP
PCB-152	68194-09-2	ppt	105	81	77	8.01	249	6.00	142	33.4	33.3	33.4	33.0	24.7	23.0	NP	NP
PCB-153	35065-27-1	ppt	105	105	100	113	124,000	--	--	19,700	19,700	21,200	21,200	12,600	13,700	NP	NP
PCB-154	60145-22-4	ppt	105	104	99	31.5	2,410	42.2	42.2	488	488	414	412	340	387	NP	NP
PCB-155	33979-03-2	ppt	105	100	95	9.55	2,710	12.6	104	157	158	353	352	75.8	75.6	Ln	Ln

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-156	38380-08-4	ppt	105	104	99	65.5	12,300	42.2	42.2	1,870	1,870	2,220	2,210	1,150	1,220	Ln	NP
PCB-157	69782-90-7	ppt	105	104	99	18.2	2,480	42.2	42.2	421	421	469	466	272	290	NP	NP
PCB-158/160	74472-42-7/4141	ppt	105	105	100	14.5	13,200	--	--	2,170	2,170	2,440	2,440	1,340	1,460	NP	NP
PCB-159	39635-35-3	ppt	105	76	72	13.1	1,540	7.86	104	156	156	226	225	69.6	112	NP	NP
PCB-16/32	PCB-16/32	ppt	105	105	100	50.2	200,000	--	--	12,600	12,600	23,000	23,000	6,300	6,120	NP	NP
PCB-166	41411-63-6	ppt	105	97	92	8.40	485	6.00	42.2	78.9	79.2	87.7	87.1	52.2	54.3	Ln	Ln
PCB-167	52663-72-6	ppt	105	105	100	7.80	5,230	--	--	791	791	881	881	501	530	NP	NP
PCB-168	59291-65-5	ppt	105	83	79	9.57	181	6.00	142	42.3	42.6	33.0	32.4	31.9	31.2	NP	NP
PCB-169	32774-16-6	ppt	105	15	14	1.97	42.5	1.73	213	16.8	5.50	17.6	6.00	11.4	14.2	Ln	NP
PCB-17	37680-66-3	ppt	105	105	100	40.7	136,000	--	--	9,010	9,010	16,100	16,100	4,490	4,480	NP	NP
PCB-170	35065-30-6	ppt	105	105	100	35.3	38,100	--	--	4,810	4,810	5,700	5,700	2,960	3,270	NP	NP
PCB-171	52663-71-5	ppt	105	105	100	11.3	10,800	--	--	1,400	1,400	1,620	1,620	877	964	NP	NP
PCB-172	52663-74-8	ppt	105	104	99	28.3	6,860	42.2	42.2	861	861	1,000	997	542	596	NP	NP
PCB-173	68194-16-1	ppt	105	98	93	7.15	788	8.20	104	115	116	130	129	73.9	81.3	NP	Ln
PCB-174	38411-25-5	ppt	105	105	100	34.3	51,500	--	--	5,430	5,430	7,090	7,090	3,240	3,640	NP	NP
PCB-175	40186-70-7	ppt	105	104	99	13.8	1,830	42.2	42.2	288	289	316	314	186	199	Ln	NP
PCB-176	52663-65-7	ppt	105	104	99	29.8	5,180	42.2	42.2	789	790	877	873	501	537	NP	NP
PCB-177	52663-70-4	ppt	105	105	100	21.0	26,700	--	--	3,470	3,470	3,950	3,950	2,190	2,460	NP	NP
PCB-178	52663-67-9	ppt	105	104	99	47.2	7,900	42.2	42.2	1,340	1,340	1,370	1,370	878	963	NP	NP
PCB-179	52663-64-6	ppt	105	105	100	18.5	18,500	--	--	2,930	2,930	3,190	3,190	1,870	2,070	NP	NP
PCB-18	37680-65-2	ppt	105	105	100	85.8	342,000	--	--	18,300	18,300	37,800	37,800	8,520	7,860	NP	NP
PCB-180	35065-29-3	ppt	105	105	100	79.8	105,000	--	--	13,100	13,100	15,800	15,800	8,090	8,880	NP	NP
PCB-181	74472-47-2	ppt	105	92	88	9.29	488	6.00	104	56.5	56.7	73.3	72.8	34.5	35.4	NP	Ln
PCB-182/187	PCB-182/187	ppt	105	104	99	310	51,800	48.4	48.4	8,670	8,670	9,050	9,010	5,600	6,370	NP	NP
PCB-183	52663-69-1	ppt	105	105	100	25.1	21,900	--	--	3,490	3,490	3,790	3,790	2,230	2,490	NP	NP
PCB-184	74472-48-3	ppt	105	82	78	5.86	220	6.00	142	29.4	29.1	25.7	25.3	23.4	23.0	Ln	NP
PCB-185	52712-05-7	ppt	105	104	99	20.5	6,100	42.2	42.2	635	635	841	837	383	416	NP	NP
PCB-186	74472-49-4	ppt	105	2	2	9.80	42.5	6.00	213	20.4	--	16.8	--	15.8	20.5	--	--
PCB-188	74487-85-7	ppt	105	86	82	5.83	436	6.00	142	34.5	34.3	45.2	44.8	25.3	25.3	NP	NP
PCB-189	39635-31-9	ppt	105	104	99	7.77	1,150	42.2	42.2	185	185	194	193	123	135	NP	NP
PCB-19	38444-73-4	ppt	105	104	99	45.7	31,800	42.2	42.2	1,750	1,750	3,540	3,530	827	818	NP	NP
PCB-190	41411-64-7	ppt	105	104	99	29.6	7,240	42.2	42.2	1,010	1,010	1,140	1,140	643	700	NP	NP
PCB-191	74472-50-7	ppt	105	104	99	10.6	1,330	42.2	42.2	205	205	223	222	134	145	NP	NP
PCB-192	74472-51-8	ppt	105	3	3	10.7	42.5	6.00	213	20.3	--	16.8	--	15.8	20.5	--	--
PCB-193	69782-91-8	ppt	105	104	99	23.0	4,180	42.2	42.2	624	624	672	669	406	454	NP	NP
PCB-194	35694-08-7	ppt	105	105	100	26.9	26,500	--	--	3,480	3,480	4,070	4,070	2,190	2,430	NP	NP
PCB-195	52663-78-2	ppt	105	104	99	35.6	10,800	42.2	42.2	1,320	1,320	1,570	1,560	821	930	NP	NP
PCB-196/203	PCB-196/203	ppt	105	105	100	32.3	30,100	--	--	4,610	4,610	4,800	4,800	3,010	3,470	NP	NP
PCB-197	33091-17-7	ppt	105	100	95	6.81	1,010	11.7	107	146	146	159	158	96.3	102	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-198	68194-17-2	ppt	105	103	98	11.2	2,140	42.2	243	251	251	310	308	159	169	NP	NP
PCB-199	52663-75-9	ppt	105	105	100	27.6	33,600	--	--	4,670	4,670	5,050	5,050	3,040	3,510	NP	NP
PCB-2	2051-61-8	ppt	104	104	100	14.4	1,300	--	--	330	330	238	238	251	292	NP	NP
PCB-20/21/33	38444-84-7/5570	ppt	105	105	100	36.1	243,000	--	--	11,600	11,600	26,200	26,200	5,150	4,910	NP	NP
PCB-200	52663-73-7	ppt	105	104	99	17.7	3,810	42.2	42.2	470	470	576	573	295	314	NP	NP
PCB-201	40186-71-8	ppt	105	104	99	21.6	4,080	42.2	42.2	620	620	660	657	411	470	NP	NP
PCB-202	2136-99-4	ppt	105	105	100	11.7	6,950	--	--	1,330	1,330	1,200	1,200	930	1,080	NP	NP
PCB-204	74472-52-9	ppt	104	12	12	3.54	20.7	6.00	213	19.3	7.20	15.3	4.30	15.5	20.5	N/G/Ln	NP
PCB-205	74472-53-0	ppt	105	104	99	6.33	1,030	42.2	42.2	147	147	157	156	100	107	NP	NP
PCB-206	40186-72-9	ppt	105	105	100	49.1	46,700	--	--	3,980	3,980	5,460	5,460	2,560	2,900	NP	NP
PCB-207	52663-79-3	ppt	105	104	99	14.9	2,510	42.2	42.2	349	349	364	363	241	266	NP	NP
PCB-208	52663-77-1	ppt	105	105	100	19.8	9,860	--	--	1,260	1,260	1,350	1,350	866	962	NP	NP
PCB-209	2051-24-3	ppt	105	105	100	97.3	93,900	--	--	4,340	4,340	11,200	11,200	2,240	2,430	NP	NP
PCB-22	38444-85-8	ppt	105	104	99	42.1	158,000	3,490	3,490	9,540	9,540	18,300	18,200	4,670	4,520	NP	NP
PCB-23	55720-44-0	ppt	105	55	52	5.01	420	6.00	104	32.0	30.3	51.8	52.1	20.8	20.5	NP	NP
PCB-24/27	PCB-24/27	ppt	105	104	99	50.2	22,600	42.2	42.2	1,990	1,990	2,950	2,930	1,110	1,190	NP	NP
PCB-25	55712-37-3	ppt	105	105	100	28.0	37,000	--	--	4,370	4,370	5,630	5,630	2,590	3,120	NP	NP
PCB-26	38444-81-4	ppt	105	105	100	38.8	73,400	--	--	6,520	6,520	9,370	9,370	3,750	4,430	NP	NP
PCB-28	7012-37-5	ppt	105	105	100	128	415,000	--	--	36,700	36,700	53,400	53,400	20,900	22,900	NP	NP
PCB-29	15862-07-4	ppt	105	92	88	11.1	2,090	6.00	104	108	109	229	228	55.0	51.4	NP	NP
PCB-3	2051-62-9	ppt	105	105	100	27.3	4,670	--	--	885	885	776	776	623	776	NP	NP
PCB-30	35693-92-6	ppt	105	17	16	8.31	205	6.00	177	25.3	18.6	29.9	30.0	17.5	20.7	G/Ln	NP
PCB-31	16606-02-3	ppt	105	105	100	136	458,000	--	--	29,200	29,200	52,800	52,800	15,300	15,700	NP	NP
PCB-34	37680-68-5	ppt	105	100	95	9.28	2,880	12.6	104	202	202	341	339	114	122	NP	NP
PCB-35	37680-69-6	ppt	105	103	98	29.0	8,510	41.1	104	1,050	1,050	1,220	1,210	636	719	NP	NP
PCB-36	38444-87-0	ppt	105	77	73	9.25	197	6.00	177	38.4	39.1	27.9	26.8	30.6	33.4	NP	NP
PCB-37	38444-90-5	ppt	105	105	100	80.0	94,000	--	--	10,500	10,500	12,300	12,300	6,690	8,010	NP	NP
PCB-38	53555-66-1	ppt	105	97	92	13.2	1,960	6.00	104	193	193	239	238	121	132	Ln	Ln
PCB-39	38444-88-1	ppt	105	92	88	11.4	456	6.00	177	90.3	90.6	82.5	81.9	63.9	73.7	NP	NP
PCB-4/10	PCB-4/10	ppt	105	103	98	73.6	60,100	84.5	141	4,050	4,050	6,840	6,810	2,170	2,600	NP	NP
PCB-40	38444-93-8	ppt	100	100	100	23.1	73,000	--	--	4,500	4,500	8,440	8,440	2,170	2,230	NP	NP
PCB-41/64/71/72	52663-59-9/5266	ppt	92	91	99	104	318,000	41.1	41.1	23,900	23,900	39,400	39,200	12,000	12,000	NP	NP
PCB-42/59	36559-22-5/7447	ppt	105	105	100	38.7	134,000	--	--	9,790	9,790	16,200	16,200	5,210	5,070	NP	NP
PCB-43/49	PCB-43/49	ppt	105	105	100	118	311,000	--	--	24,700	24,700	38,500	38,500	13,600	13,600	NP	NP
PCB-44	41464-39-5	ppt	105	105	100	102	429,000	--	--	27,300	27,300	49,600	49,600	13,600	12,800	NP	NP
PCB-45	70362-45-7	ppt	105	104	99	105	70,200	42.2	42.2	3,920	3,920	7,860	7,830	1,810	1,660	NP	Ln
PCB-46	41464-47-5	ppt	105	104	99	44.8	29,900	42.2	42.2	1,670	1,670	3,340	3,330	790	739	Ln	Ln
PCB-47	2437-79-8	ppt	105	105	100	62.6	144,000	--	--	10,800	10,800	17,000	17,000	6,190	6,720	NP	NP
PCB-48/75	70362-47-9/3259	ppt	105	105	100	19.0	57,600	--	--	5,080	5,080	7,570	7,570	2,680	2,430	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-5/8	PCB-5/8	ppt	105	104	99	203	135,000	84.5	84.5	8,770	8,780	14,700	14,700	4,960	5,740	NP	NP
PCB-50	62796-65-0	ppt	105	95	91	9.88	1,310	6.00	104	95.0	95.3	161	161	50.7	43.6	NP	NP
PCB-51	68194-04-7	ppt	105	104	99	72.8	19,100	42.2	42.2	1,690	1,690	2,410	2,400	964	1,030	Ln	NP
PCB-52/69	35693-99-3/6023	ppt	105	105	100	141	386,000	--	--	29,800	29,800	47,800	47,800	15,800	15,500	NP	NP
PCB-53	41464-41-9	ppt	105	105	100	14.7	62,100	--	--	4,180	4,180	7,350	7,350	2,090	2,060	NP	NP
PCB-54	15968-05-5	ppt	105	98	93	8.56	858	8.96	104	101	101	131	130	61.4	67.9	Ln	Ln
PCB-55	74338-24-2	ppt	105	104	99	15.3	3,630	42.2	42.2	352	352	489	487	209	217	Ln	Ln
PCB-56/60	PCB-56/60	ppt	105	105	100	75.1	208,000	--	--	16,500	16,500	26,700	26,700	8,950	8,910	NP	NP
PCB-57	70424-67-8	ppt	105	102	97	7.75	1,590	12.6	42.2	185	185	232	231	116	125	NP	NP
PCB-58	41464-49-7	ppt	105	99	94	5.98	490	6.00	104	93.0	93.2	95.6	95.2	63.2	69.7	NP	NP
PCB-6	25569-80-6	ppt	105	103	98	50.3	24,200	84.5	105	2,280	2,280	2,940	2,930	1,380	1,720	NP	NP
PCB-61/70	PCB-61/70	ppt	105	105	100	117	383,000	--	--	29,100	29,100	45,800	45,800	15,800	16,100	NP	NP
PCB-62	54230-22-7	ppt	105	0	0	--	--	6.00	213	--	--	--	--	--	--	--	--
PCB-63	74472-34-7	ppt	105	104	99	16.9	13,300	42.2	42.2	1,130	1,130	1,760	1,750	618	661	NP	NP
PCB-65	33284-54-7	ppt	105	11	11	17.5	177	6.00	213	26.2	24.2	28.9	24.7	18.1	20.7	N/G/Ln	NP
PCB-67	73575-53-8	ppt	105	104	99	14.1	10,300	42.2	42.2	934	934	1,330	1,330	533	571	NP	NP
PCB-68	73575-52-7	ppt	95	94	99	8.94	3,200	42.2	42.2	222	222	354	352	138	139	NP	NP
PCB-7/9	PCB-7/9	ppt	105	97	92	32.5	11,600	24.1	410	699	700	1,330	1,330	356	358	NP	NP
PCB-73	74338-23-1	ppt	105	9	9	57.9	16,300	6.00	213	198	233	1,590	1,580	20.5	20.8	Ln	NP
PCB-74	32690-93-0	ppt	105	105	100	55.6	168,000	--	--	13,100	13,100	20,400	20,400	7,220	7,550	NP	NP
PCB-76/66	PCB-76/66	ppt	105	105	100	126	314,000	--	--	27,300	27,300	41,200	41,200	15,300	16,400	NP	NP
PCB-77	32598-13-3	ppt	105	105	100	29.8	28,900	--	--	3,690	3,690	4,310	4,310	2,270	2,640	NP	NP
PCB-78	70362-49-1	ppt	105	22	21	14.7	539	6.00	104	37.0	37.0	72.1	71.6	19.3	20.7	Ln	NP
PCB-79	41464-48-6	ppt	105	88	84	18.5	2,010	28.4	307	264	264	308	307	166	174	NP	Ln
PCB-80	33284-52-5	ppt	105	0	0	--	--	6.00	213	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt	105	102	97	5.37	3,420	24.5	42.2	168	168	394	392	72.9	68.4	NP	NP
PCB-82	52663-62-4	ppt	105	105	100	24.4	28,100	--	--	3,220	3,220	4,440	4,440	1,860	2,050	NP	NP
PCB-83	60145-20-2	ppt	105	52	50	6.81	200	6.00	177	25.9	23.0	28.5	27.9	18.4	20.5	Ln	NP
PCB-84/92	52663-60-2/5266	ppt	105	105	100	65.1	93,600	--	--	10,700	10,700	14,100	14,100	6,290	6,680	NP	NP
PCB-85/116	PCB-85/116	ppt	105	105	100	31.7	41,000	--	--	4,510	4,510	6,070	6,070	2,680	2,970	NP	NP
PCB-86	55312-69-1	ppt	105	100	95	8.37	2,530	6.00	104	196	196	335	333	104	109	NP	NP
PCB-87/117/125	38380-02-8/6819	ppt	105	105	100	56.1	73,200	--	--	8,630	8,630	11,500	11,500	5,050	5,390	NP	NP
PCB-88/91	PCB-88/91	ppt	105	105	100	27.4	40,300	--	--	4,580	4,580	5,820	5,820	2,760	3,000	NP	NP
PCB-89	73575-57-2	ppt	105	103	98	18.7	5,680	15.3	42.2	428	428	739	735	228	232	NP	Ln
PCB-90/101	PCB-90/101	ppt	105	105	100	156	183,000	--	--	25,000	25,000	30,300	30,300	15,200	16,300	NP	NP
PCB-93	73575-56-1	ppt	105	3	3	42.5	38,900	6.00	209	537	--	4,070	--	18.0	20.6	--	--
PCB-94	73575-55-0	ppt	105	103	98	11.9	1,740	12.6	42.2	227	227	261	260	145	163	NP	NP
PCB-95/98/102	38379-99-6/6023	ppt	105	105	100	109	154,000	--	--	19,400	19,400	24,800	24,800	11,400	12,000	NP	NP
PCB-96	73575-54-9	ppt	105	103	98	10.9	2,930	42.2	118	246	246	365	364	140	143	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-97	41464-51-1	ppt	105	105	100	51.3	72,400	--	--	8,150	8,150	10,600	10,600	4,820	5,170	NP	NP
PCB-99	38380-01-7	ppt	105	104	99	87.4	96,800	41.1	41.1	12,600	12,600	14,900	14,900	7,500	8,550	NP	NP
Total Congener PCBs (209)	No CAS	ppt	105	105	100	4,530	7,700,000	--	--	768,000	768,000	1,020,000	1,020,000	453,000	485,000	NP	NP
Total Congener PCBs (NOAA 1989)	No CAS	ppt	105	105	100	3,050	5,520,000	--	--	571,000	571,000	748,000	748,000	337,000	354,000	NP	NP
Mid-depth (0.5 - 3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	231	231	100	0.271	2,140	--	--	424	424	460	460	166	259	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	231	227	98	0.0667	5,170	0.0779	326	393	393	552	551	83.4	205	NP	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	231	196	85	0.0769	113	0.0408	2.01	17.0	17.0	19.5	19.5	5.05	10.3	G	NP
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	231	215	93	0.228	18.7	0.0746	1.83	4.82	4.80	4.35	4.30	2.64	3.70	G	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	231	223	97	0.0438	1,060	0.0363	0.0782	85.0	85.0	116	116	20.4	47.2	NP	NP
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	231	224	97	0.148	130	0.143	1.84	26.5	26.5	29.1	29.1	9.94	16.2	NP	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	231	213	92	0.0434	212	0.0297	0.181	25.9	25.9	29.5	29.4	7.58	16.9	NP	NP
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	231	222	96	0.275	61.3	0.126	2.02	13.8	13.8	13.5	13.4	6.77	9.55	NP	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	231	153	66	0.0799	35.1	0.0401	14.4	4.02	3.90	5.12	5.20	1.40	2.12	G	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt	231	216	94	0.0836	26.1	0.0563	1.25	5.61	5.60	5.89	5.90	2.46	3.62	G	NP
1,2,3,7,8-PeCDF	57117-41-6	ppt	231	208	90	0.0882	87.4	0.0751	0.648	14.2	14.3	15.0	14.9	5.35	10.5	NP	NP
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	231	210	91	0.0952	90.3	0.0310	0.141	14.7	14.7	15.0	15.0	4.99	10.4	NP	NP
2,3,4,7,8-PeCDF	57117-31-4	ppt	231	209	91	0.120	148	0.0643	0.334	23.1	23.1	23.9	23.9	7.82	15.5	NP	NP
2,3,7,8-TCDD	1746-01-6	ppt	231	214	93	0.110	2,680	0.0687	2.19	180	180	343	342	19.7	46.7	NP	NP
2,3,7,8-TCDF	51207-31-9	ppt	231	214	93	0.0853	535	0.0515	0.274	27.8	27.8	43.7	43.6	9.01	18.1	NP	NP
OCDD	3268-87-9	ppt	231	231	100	0.959	22,900	--	--	4,110	4,110	4,230	4,230	2,080	2,440	G	G
OCDF	39001-02-0	ppt	231	221	96	0.248	7,100	0.235	0.664	655	655	852	850	143	343	NP	NP
Total HpCDD	37871-00-4	ppt	231	231	100	0.386	5,370	--	--	1,040	1,040	1,110	1,110	438	640	NP	NP
Total HpCDF	38998-75-3	ppt	231	228	99	0.0667	6,310	0.0906	0.131	616	616	770	769	132	367	NP	NP
Total HxCDD	34465-46-8	ppt	231	230	100	0.298	1,640	0.249	0.249	271	271	272	272	136	177	NP	G
Total HxCDF	55684-94-1	ppt	231	228	99	0.0463	3,230	0.0852	0.176	381	381	440	439	95.1	232	NP	NP
Total PeCDD	36088-22-9	ppt	231	229	99	0.109	286	0.0965	0.103	69.6	69.6	64.5	64.3	35.8	50.7	G	G
Total PeCDF	30402-15-4	ppt	231	226	98	0.136	2,440	0.130	0.468	458	458	537	535	111	274	NP	NP
Total TCDD	41903-57-5	ppt	231	228	99	0.0736	3,000	0.0757	0.139	264	264	410	409	68.5	112	NP	G
Total TCDF	55722-27-5	ppt	231	231	100	0.0703	4,470	--	--	732	732	948	948	183	383	G	G
Congener PCBs																	
PCB-1	2051-60-7	ppt	228	195	86	7.66	16,600	2.51	42.1	1,520	1,520	1,990	1,990	311	947	NP	NP
PCB-100	39485-83-1	ppt	230	164	71	9.16	3,050	2.51	128	369	368	426	426	115	250	G	NP
PCB-103	60145-21-3	ppt	231	169	73	9.46	4,230	2.51	128	539	539	662	661	143	303	G	NP
PCB-104	56558-16-8	ppt	228	100	44	6.82	154	2.51	215	25.7	23.6	22.5	20.7	18.4	21.0	Ln	NP
PCB-105	32598-14-4	ppt	231	215	93	0.874	102,000	5.80	44.4	13,800	13,800	18,400	18,400	2,000	6,660	NP	NP
PCB-106/118	PCB-106/118	ppt	231	221	96	1.62	267,000	3.94	126	36,800	36,800	47,900	47,800	5,160	18,600	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-107/109	70424-68-9/7447	ppt	231	190	82	8.96	21,700	2.51	121	2,860	2,860	3,660	3,650	523	1,470	NP	NP
PCB-108/112	70362-41-3/7447	ppt	231	187	81	8.88	19,100	2.51	121	2,410	2,410	3,310	3,300	426	1,150	G	NP
PCB-11	2050-67-1	ppt	230	200	87	22.4	101,000	7.57	243	15,300	15,300	21,400	21,300	2,130	5,550	NP	NP
PCB-110	38380-03-9	ppt	231	220	95	3.09	381,000	5.80	189	49,800	49,800	66,600	66,500	6,820	24,100	NP	NP
PCB-111/115	PCB-111/115	ppt	231	176	76	9.41	10,400	2.51	128	937	937	1,390	1,390	200	383	Ln	NP
PCB-113	68194-10-5	ppt	228	124	54	13.0	7,580	2.51	216	192	191	579	578	48.2	51.5	NP	NP
PCB-114	74472-37-0	ppt	231	182	79	2.23	7,470	2.51	121	926	925	1,300	1,300	193	395	G	NP
PCB-119	56558-17-9	ppt	231	179	78	7.83	7,550	2.51	128	1,180	1,180	1,480	1,480	261	658	G	NP
PCB-12/13	PCB-12/13	ppt	230	166	72	19.9	36,700	5.03	256	4,670	4,670	6,120	6,110	801	2,600	NP	NP
PCB-120	68194-12-7	ppt	228	148	65	11.5	2,750	2.51	128	147	147	273	272	49.8	66.1	NP	NP
PCB-121	56558-18-0	ppt	227	0	0	--	--	2.51	216	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt	231	172	75	8.39	4,240	2.51	215	552	551	753	752	138	248	Ln	NP
PCB-123	65510-44-3	ppt	231	188	81	0.796	6,130	2.51	121	739	738	1,000	998	162	359	G	NP
PCB-124	70424-70-3	ppt	231	179	78	8.04	11,700	2.51	131	1,540	1,540	2,050	2,050	312	727	G	NP
PCB-126	57465-28-8	ppt	230	170	74	1.21	1,350	2.51	128	203	201	245	246	69.3	108	G	NP
PCB-127	39635-33-1	ppt	227	1	0	32.9	32.9	2.51	216	21.3	--	19.6	--	15.6	20.5	--	--
PCB-128/162	PCB-128/162	ppt	231	199	86	8.77	35,700	2.51	121	4,980	4,990	6,270	6,260	860	2,630	NP	NP
PCB-129	55215-18-4	ppt	231	180	78	6.99	10,900	2.51	121	1,380	1,380	1,810	1,810	289	707	G	NP
PCB-130	52663-66-8	ppt	231	188	81	8.68	15,500	2.51	121	2,100	2,100	2,590	2,580	420	1,160	G	NP
PCB-131	61798-70-7	ppt	227	23	10	10.8	111	2.51	215	20.6	14.9	17.7	10.7	15.4	20.5	G/Ln	NP
PCB-132/161	38380-05-1/7447	ppt	231	204	88	9.70	69,700	2.51	41.1	9,400	9,400	12,000	12,000	1,460	5,040	NP	NP
PCB-133/142	PCB-133/142	ppt	231	178	77	9.88	7,330	2.51	121	1,000	1,000	1,260	1,250	232	519	G	NP
PCB-134/143	PCB-134/143	ppt	231	183	79	8.69	13,300	2.51	121	1,840	1,840	2,340	2,340	368	908	G	NP
PCB-135	52744-13-5	ppt	231	193	84	9.01	28,200	2.51	121	4,510	4,510	5,540	5,530	793	2,510	NP	NP
PCB-136	38411-22-2	ppt	231	194	84	9.59	31,000	2.51	121	4,650	4,650	5,790	5,770	802	2,620	G	NP
PCB-137	35694-06-5	ppt	231	184	80	7.95	10,600	2.51	121	1,540	1,540	2,000	1,990	323	767	G	NP
PCB-138/163/164	35065-28-2/7447	ppt	231	218	94	9.24	218,000	2.51	41.1	32,600	32,600	39,800	39,700	4,920	18,000	NP	NP
PCB-139/149	PCB-139/149	ppt	231	216	94	9.56	178,000	2.51	41.1	28,300	28,300	34,500	34,400	4,320	15,700	NP	NP
PCB-14	34883-41-5	ppt	226	6	3	10.2	379	5.03	6,670	63.1	13.5	286	25.3	27.5	40.0	Ln	NP
PCB-140	59291-64-4	ppt	229	161	70	7.06	1,480	2.51	128	200	199	237	237	72.9	119	G/Ln	NP
PCB-141	52712-04-6	ppt	231	199	86	8.85	40,800	2.51	41.1	5,820	5,820	7,380	7,370	953	3,080	G	NP
PCB-144	68194-14-9	ppt	231	181	78	9.47	11,800	2.51	128	1,640	1,640	2,090	2,080	341	868	G	NP
PCB-145	74472-40-5	ppt	228	90	40	8.49	125	2.51	216	23.3	20.8	20.6	18.4	16.5	20.5	G/Ln	NP
PCB-146/165	51908-16-8/7447	ppt	231	197	85	9.10	30,800	2.51	121	4,780	4,780	5,720	5,710	853	2,560	NP	NP
PCB-147	68194-13-8	ppt	231	178	77	8.47	5,120	2.51	121	898	898	1,030	1,030	228	576	G	NP
PCB-148	74472-41-6	ppt	229	155	68	5.36	318	2.51	128	66.0	65.2	64.5	65.1	36.1	50.7	G/Ln	NP
PCB-15	2050-68-2	ppt	231	209	91	20.7	136,000	5.03	459	21,900	21,900	25,800	25,700	3,410	15,100	NP	NP
PCB-150	68194-08-1	ppt	230	155	67	8.80	770	2.51	128	121	121	136	136	51.9	78.4	G/Ln	NP
PCB-151	52663-63-5	ppt	231	201	87	10.7	50,000	2.51	62.4	7,790	7,790	9,510	9,490	1,300	4,440	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-152	68194-09-2	ppt	229	144	63	3.23	268	2.51	215	45.5	43.9	46.0	46.8	26.3	26.5	G/Ln	NP
PCB-153	35065-27-1	ppt	231	216	94	7.22	203,000	2.51	41.1	31,700	31,700	37,900	37,800	4,860	17,600	NP	NP
PCB-154	60145-22-4	ppt	231	175	76	9.15	3,790	2.51	128	660	660	756	754	180	434	G	NP
PCB-155	33979-03-2	ppt	229	149	65	8.81	8,240	2.51	208	278	278	761	760	55.0	54.5	NP	NP
PCB-156	38380-08-4	ppt	231	200	87	2.18	22,300	2.51	24.6	3,100	3,100	3,920	3,910	543	1,660	NP	NP
PCB-157	69782-90-7	ppt	231	186	81	1.01	4,810	2.51	133	694	693	854	853	163	370	NP	NP
PCB-158/160	74472-42-7/4141	ppt	231	193	84	9.64	25,600	2.51	121	3,670	3,670	4,580	4,570	656	2,030	G	NP
PCB-159	39635-35-3	ppt	231	129	56	11.4	1,950	2.51	215	224	222	318	318	63.8	95.4	G/Ln	NP
PCB-16/32	PCB-16/32	ppt	231	210	91	8.29	365,000	2.51	42.1	31,000	31,000	50,800	50,700	2,820	8,820	NP	NP
PCB-166	41411-63-6	ppt	230	162	70	7.47	1,050	2.51	128	136	135	169	169	52.9	70.2	Ln	NP
PCB-167	52663-72-6	ppt	231	191	83	1.23	8,090	2.51	121	1,280	1,280	1,570	1,560	265	680	NP	NP
PCB-168	59291-65-5	ppt	229	146	64	6.78	667	2.51	128	62.3	61.9	74.1	74.2	32.6	39.6	Ln	NP
PCB-169	32774-16-6	ppt	227	32	14	0.514	77.6	1.34	216	17.4	5.30	15.5	10.0	12.0	19.7	Ln	NP
PCB-17	37680-66-3	ppt	231	204	88	8.56	267,000	2.51	62.4	22,400	22,400	36,700	36,600	2,030	6,470	NP	NP
PCB-170	35065-30-6	ppt	231	203	88	8.40	45,200	2.51	41.1	7,420	7,420	8,870	8,850	1,260	4,270	NP	NP
PCB-171	52663-71-5	ppt	231	186	81	9.05	12,500	2.51	128	2,200	2,200	2,600	2,600	450	1,260	G	NP
PCB-172	52663-74-8	ppt	231	181	78	7.64	7,680	2.51	121	1,320	1,330	1,560	1,560	311	775	G	NP
PCB-173	68194-16-1	ppt	231	163	71	11.3	1,310	2.51	128	187	187	226	225	67.3	100	G	NP
PCB-174	38411-25-5	ppt	231	205	89	8.47	54,900	2.51	41.1	8,280	8,280	10,100	10,000	1,400	4,780	NP	NP
PCB-175	40186-70-7	ppt	231	172	75	10.6	3,090	2.51	128	448	448	540	539	135	253	G/Ln	NP
PCB-176	52663-65-7	ppt	230	180	78	7.25	7,970	2.51	121	1,270	1,270	1,510	1,510	292	719	G	NP
PCB-177	52663-70-4	ppt	231	199	86	8.25	29,100	2.51	121	5,300	5,310	6,180	6,170	963	3,100	NP	NP
PCB-178	52663-67-9	ppt	231	187	81	9.29	11,400	2.51	121	2,000	2,000	2,280	2,270	449	1,180	NP	NP
PCB-179	52663-64-6	ppt	231	198	86	8.76	27,700	2.51	121	4,570	4,570	5,370	5,360	871	2,630	NP	NP
PCB-18	37680-65-2	ppt	231	215	93	2.76	638,000	5.80	62.4	49,000	49,000	85,200	85,000	4,090	11,500	NP	NP
PCB-180	35065-29-3	ppt	231	212	92	7.76	113,000	2.51	41.1	19,800	19,800	23,200	23,100	3,270	11,800	NP	NP
PCB-181	74472-47-2	ppt	229	153	67	3.83	1,670	2.51	215	94.4	93.0	152	152	38.9	41.9	Ln	NP
PCB-182/187	PCB-182/187	ppt	231	209	91	10.7	74,400	2.51	41.1	13,100	13,100	14,800	14,700	2,340	7,820	NP	NP
PCB-183	52663-69-1	ppt	231	200	87	8.92	31,600	2.51	121	5,490	5,490	6,390	6,380	1,020	3,330	NP	NP
PCB-184	74472-48-3	ppt	227	148	65	2.93	512	2.51	128	42.6	41.5	53.4	53.9	24.1	24.8	NP	Ln
PCB-185	52712-05-7	ppt	231	180	78	5.69	6,250	2.51	121	991	990	1,200	1,200	244	549	G	NP
PCB-186	74472-49-4	ppt	227	1	0	5.69	5.69	2.51	216	21.2	--	19.6	--	15.5	20.5	--	--
PCB-188	74487-85-7	ppt	228	154	68	3.53	597	2.51	128	41.9	41.3	52.2	52.5	24.9	29.3	Ln	NP
PCB-189	39635-31-9	ppt	230	177	77	2.04	1,660	2.51	128	289	288	337	337	89.3	169	G	NP
PCB-19	38444-73-4	ppt	231	176	76	8.46	58,800	2.51	215	4,320	4,320	7,610	7,600	480	1,100	NP	NP
PCB-190	41411-64-7	ppt	231	182	79	8.52	9,540	2.51	121	1,560	1,560	1,850	1,840	344	909	G	NP
PCB-191	74472-50-7	ppt	231	172	75	9.14	1,850	2.51	128	324	325	379	378	104	185	G	NP
PCB-192	74472-51-8	ppt	227	1	0	21.4	21.4	2.51	216	21.2	--	19.6	--	15.6	20.5	--	--
PCB-193	69782-91-8	ppt	231	179	78	9.43	5,250	2.51	121	946	946	1,090	1,090	241	559	G	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-194	35694-08-7	ppt	231	200	87	8.38	28,900	2.51	121	5,010	5,010	5,610	5,600	1,010	3,230	NP	NP
PCB-195	52663-78-2	ppt	231	185	80	8.46	12,800	2.51	121	1,980	1,980	2,370	2,360	427	1,150	G	NP
PCB-196/203	PCB-196/203	ppt	231	205	89	9.03	39,600	2.51	121	6,830	6,830	7,270	7,260	1,400	4,630	NP	NP
PCB-197	33091-17-7	ppt	231	171	74	11.8	1,100	2.51	128	214	214	229	227	83.6	136	G	NP
PCB-198	68194-17-2	ppt	231	173	75	8.81	3,130	2.51	128	378	378	441	440	126	222	G/Ln	NP
PCB-199	52663-75-9	ppt	231	205	89	9.11	38,600	2.51	121	6,840	6,840	7,210	7,190	1,440	4,650	NP	NP
PCB-2	2051-61-8	ppt	228	214	94	8.64	2,930	5.80	42.1	508	508	557	556	190	367	NP	NP
PCB-20/21/33	38444-84-7/5570	ppt	231	209	91	11.2	296,000	2.51	62.4	27,400	27,400	47,300	47,200	2,440	6,460	NP	NP
PCB-200	52663-73-7	ppt	231	176	76	10.9	4,330	2.51	128	685	686	793	791	195	421	G	NP
PCB-201	40186-71-8	ppt	230	179	78	8.98	4,520	2.51	128	907	907	936	935	257	617	G	NP
PCB-202	2136-99-4	ppt	231	193	84	8.33	15,900	2.51	128	2,040	2,040	2,270	2,270	510	1,420	NP	NP
PCB-204	74472-52-9	ppt	227	18	8	7.36	47.8	2.51	216	21.2	10.2	19.8	6.80	15.4	20.5	G/Ln	NP
PCB-205	74472-53-0	ppt	231	171	74	13.1	1,210	2.51	128	220	221	239	238	85.0	143	G/Ln	NP
PCB-206	40186-72-9	ppt	231	206	89	9.39	78,100	2.51	62.4	5,550	5,550	8,000	7,990	1,180	3,710	NP	NP
PCB-207	52663-79-3	ppt	231	178	77	8.64	3,240	2.51	121	480	480	535	534	157	345	G	NP
PCB-208	52663-77-1	ppt	231	195	84	8.90	31,200	2.51	121	1,930	1,930	3,200	3,190	457	1,310	NP	NP
PCB-209	2051-24-3	ppt	231	211	91	9.19	52,400	2.51	13.0	4,980	4,980	6,240	6,220	1,180	3,480	NP	NP
PCB-22	38444-85-8	ppt	231	208	90	10.5	204,000	2.51	62.4	21,200	21,200	34,200	34,100	2,090	6,270	NP	NP
PCB-23	55720-44-0	ppt	227	121	53	8.48	493	2.51	215	59.1	57.7	81.2	81.3	27.1	21.1	NP	NP
PCB-24/27	PCB-24/27	ppt	231	183	79	9.28	55,000	2.51	215	4,460	4,460	7,250	7,240	557	1,570	NP	NP
PCB-25	55712-37-3	ppt	231	190	82	8.65	293,000	2.51	144	8,760	8,760	21,500	21,400	988	3,670	NP	NP
PCB-26	38444-81-4	ppt	231	201	87	8.59	348,000	2.51	129	13,300	13,300	28,000	28,000	1,460	5,310	NP	NP
PCB-28	7012-37-5	ppt	231	223	97	4.09	609,000	5.80	96.5	72,400	72,400	106,000	106,000	7,750	28,400	NP	NP
PCB-29	15862-07-4	ppt	230	148	64	9.82	2,850	2.51	215	236	235	398	398	61.8	64.2	NP	NP
PCB-3	2051-62-9	ppt	231	205	89	2.54	14,000	5.80	42.1	1,350	1,350	1,710	1,710	337	810	NP	NP
PCB-30	35693-92-6	ppt	227	64	28	9.32	481	2.51	215	42.8	38.6	65.4	66.3	21.3	20.8	G/Ln	NP
PCB-31	16606-02-3	ppt	231	223	97	3.50	513,000	5.80	41.1	59,400	59,400	92,100	91,900	6,180	21,600	NP	NP
PCB-34	37680-68-5	ppt	230	153	67	29.0	6,520	2.51	215	429	435	741	736	104	155	NP	NP
PCB-35	37680-69-6	ppt	230	173	75	9.41	12,400	2.51	121	1,900	1,900	2,510	2,500	355	889	NP	NP
PCB-36	38444-87-0	ppt	228	128	56	9.23	555	2.51	215	49.7	48.8	57.0	56.6	28.9	37.1	Ln	NP
PCB-37	38444-90-5	ppt	231	207	90	11.1	160,000	2.51	62.4	17,800	17,900	24,300	24,300	2,290	9,130	NP	NP
PCB-38	53555-66-1	ppt	229	154	67	8.36	4,420	2.51	215	354	352	539	539	98.4	162	Ln	NP
PCB-39	38444-88-1	ppt	229	145	63	21.6	1,400	2.51	1,180	138	138	170	165	56.9	89.7	NP	NP
PCB-4/10	PCB-4/10	ppt	230	165	72	15.9	109,000	5.00	454	8,560	8,550	13,800	13,800	1,010	3,250	NP	NP
PCB-40	38444-93-8	ppt	223	190	85	8.87	104,000	2.51	42.1	9,190	9,190	14,800	14,800	1,030	2,950	G	NP
PCB-41/64/71/72	52663-59-9/5266	ppt	198	188	95	2.63	486,000	5.80	41.1	44,000	44,000	69,300	69,100	4,690	14,800	NP	NP
PCB-42/59	36559-22-5/7447	ppt	231	208	90	8.93	188,000	2.51	41.1	19,900	19,900	29,900	29,900	2,190	6,900	NP	NP
PCB-43/49	PCB-43/49	ppt	231	217	94	8.47	433,000	2.51	392	49,200	49,200	73,500	73,400	5,470	19,100	NP	NP
PCB-44	41464-39-5	ppt	231	221	96	3.27	579,000	5.80	644	57,200	57,200	89,800	89,600	6,040	18,200	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-45	70362-45-7	ppt	231	196	85	9.03	98,300	2.51	42.1	9,000	9,000	14,800	14,800	927	2,410	G	NP
PCB-46	41464-47-5	ppt	231	184	80	8.79	41,000	2.51	121	3,760	3,760	6,270	6,260	460	1,050	NP	NP
PCB-47	2437-79-8	ppt	231	211	91	2.54	166,000	5.80	62.4	18,900	18,900	27,200	27,200	2,390	8,570	NP	NP
PCB-48/75	70362-47-9/3259	ppt	231	202	87	9.21	137,000	2.51	62.4	11,800	11,800	18,600	18,600	1,290	3,680	G	NP
PCB-5/8	PCB-5/8	ppt	231	187	81	18.5	173,000	5.00	344	18,200	18,200	28,900	28,900	1,990	6,740	NP	NP
PCB-50	62796-65-0	ppt	229	154	67	7.65	2,160	2.51	215	205	204	325	325	60.6	66.6	NP	NP
PCB-51	68194-04-7	ppt	231	185	80	8.97	37,400	2.51	121	3,090	3,090	4,860	4,850	449	1,250	G	NP
PCB-52/69	35693-99-3/6023	ppt	231	226	98	3.23	534,000	5.80	41.1	61,000	61,000	91,400	91,200	7,450	22,600	NP	NP
PCB-53	41464-41-9	ppt	231	197	85	8.64	107,000	2.51	42.1	9,000	9,000	14,900	14,900	994	2,920	G	NP
PCB-54	15968-05-5	ppt	230	152	66	8.63	2,120	2.51	215	162	161	247	247	55.6	67.8	Ln	NP
PCB-55	74338-24-2	ppt	231	171	74	10.7	6,000	2.51	128	658	658	972	970	145	255	NP	NP
PCB-56/60	PCB-56/60	ppt	231	216	94	6.91	321,000	2.51	41.1	31,700	31,700	49,200	49,100	3,510	11,100	NP	NP
PCB-57	70424-67-8	ppt	230	157	68	4.58	3,200	2.51	215	339	337	483	483	94.5	157	NP	NP
PCB-58	41464-49-7	ppt	229	156	68	10.1	1,520	2.51	128	168	168	223	222	61.9	86.2	NP	NP
PCB-6	25569-80-6	ppt	230	163	71	22.9	140,000	5.03	256	4,520	4,520	10,600	10,500	662	1,950	NP	NP
PCB-61/70	PCB-61/70	ppt	231	219	95	9.08	578,000	2.51	41.1	58,300	58,300	88,400	88,300	6,430	21,700	NP	NP
PCB-62	54230-22-7	ppt	227	6	3	17.5	78.9	2.51	216	21.8	18.6	20.1	5.80	15.8	20.5	N/G/Ln	NP
PCB-63	74472-34-7	ppt	231	182	79	8.40	21,100	2.51	121	2,140	2,140	3,220	3,210	338	847	NP	NP
PCB-65	33284-54-7	ppt	227	42	19	11.2	4,900	2.51	216	60.4	53.4	328	328	21.2	20.9	NP	NP
PCB-67	73575-53-8	ppt	230	177	77	8.47	18,800	2.51	121	1,830	1,830	2,810	2,810	299	735	NP	NP
PCB-68	73575-52-7	ppt	208	138	66	8.75	2,080	2.51	128	249	249	315	315	79.1	158	G	NP
PCB-7/9	PCB-7/9	ppt	230	157	68	18.0	20,400	5.03	256	1,670	1,670	2,770	2,770	294	439	NP	NP
PCB-73	74338-23-1	ppt	227	16	7	37.1	14,100	2.51	216	211	227	1,170	1,160	20.7	20.6	G/Ln	NP
PCB-74	32690-93-0	ppt	231	213	92	8.01	257,000	2.51	41.1	25,100	25,100	38,500	38,400	2,850	9,410	NP	NP
PCB-76/66	PCB-76/66	ppt	231	219	95	8.17	461,000	2.51	416	50,600	50,600	74,300	74,100	5,720	20,500	NP	NP
PCB-77	32598-13-3	ppt	231	212	92	0.483	50,900	5.78	38.6	6,230	6,230	8,610	8,590	893	3,100	NP	NP
PCB-78	70362-49-1	ppt	227	36	16	8.35	666	2.51	215	48.7	40.3	100	101	19.9	20.6	G	NP
PCB-79	41464-48-6	ppt	230	152	66	9.22	3,400	2.51	1,630	443	433	580	583	124	215	G	NP
PCB-80	33284-52-5	ppt	227	0	0	--	--	2.51	216	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt	231	176	76	0.907	4,110	2.51	128	255	254	530	529	60.5	73.5	Ln	NP
PCB-82	52663-62-4	ppt	231	195	84	9.51	56,900	2.51	121	5,870	5,870	8,510	8,490	866	2,660	G	NP
PCB-83	60145-20-2	ppt	227	116	51	7.79	398	2.51	215	45.2	43.0	56.3	56.5	24.0	21.0	NP	NP
PCB-84/92	52663-60-2/5266	ppt	231	212	92	7.65	163,000	2.51	41.1	20,000	20,000	27,700	27,600	2,720	8,910	NP	NP
PCB-85/116	PCB-85/116	ppt	231	204	88	8.52	68,800	2.51	62.4	7,980	7,980	11,100	11,100	1,210	3,580	G	NP
PCB-86	55312-69-1	ppt	231	164	71	8.74	8,850	2.51	215	420	420	835	834	95.4	130	Ln	NP
PCB-87/117/125	38380-02-8/6819	ppt	231	209	91	8.25	125,000	2.51	62.4	15,600	15,600	21,800	21,800	2,210	6,640	G	NP
PCB-88/91	PCB-88/91	ppt	231	202	87	9.11	64,300	2.51	41.1	8,400	8,400	11,500	11,400	1,220	4,060	NP	NP
PCB-89	73575-57-2	ppt	230	171	74	8.75	8,860	2.51	128	830	830	1,290	1,290	166	298	NP	NP
PCB-90/101	PCB-90/101	ppt	231	223	97	3.22	345,000	5.80	41.1	45,600	45,600	60,700	60,500	6,440	21,400	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-93	73575-56-1	ppt	227	1	0	4,310	4,310	2.51	216	40.1	--	285	--	15.9	20.5	--	--
PCB-94	73575-55-0	ppt	231	163	71	11.4	3,030	2.51	128	362	362	477	476	104	179	Ln	NP
PCB-95/98/102	38379-99-6/6023	ppt	231	220	95	8.74	292,000	2.51	41.1	36,300	36,300	49,500	49,400	4,900	16,400	NP	NP
PCB-96	73575-54-9	ppt	231	166	72	9.57	6,250	2.51	128	454	454	738	737	108	152	Ln	NP
PCB-97	41464-51-1	ppt	231	205	89	9.81	117,000	2.51	62.4	15,100	15,100	20,700	20,700	2,090	6,630	NP	NP
PCB-99	38380-01-7	ppt	231	212	92	9.12	162,000	2.51	62.4	22,500	22,500	29,500	29,400	3,160	11,200	NP	NP
Total Congener PCBs (209)	No CAS	ppt	231	230	100	2.00	12,400,000	11.6	11.6	1,440,000	1,440,000	2,010,000	2,010,000	178,000	632,000	NP	NP
Total Congener PCBs (NOAA 1989)	No CAS	ppt	231	230	100	4.00	9,010,000	11.6	11.6	1,070,000	1,070,000	1,470,000	1,470,000	139,000	464,000	NP	NP
Subsurface (>3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	216	208	96	0.161	5,200	0.166	0.935	579	579	842	840	94.9	196	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	216	196	91	0.0792	13,300	0.0522	0.427	864	864	1,640	1,640	52.2	228	NP	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	216	159	74	0.190	264	0.0461	0.288	29.7	29.7	40.4	40.3	4.09	16.2	G	NP
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	216	178	82	0.151	33.3	0.0987	1.64	6.00	6.00	7.15	7.10	1.97	2.76	NP	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	216	183	85	0.0483	2,600	0.0479	0.242	173	173	332	331	12.6	37.4	NP	NP
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	216	186	86	0.198	204	0.117	0.530	34.6	34.6	45.1	45.0	6.32	13.5	NP	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	216	167	77	0.0603	689	0.0229	0.168	50.2	50.2	85.8	85.6	5.56	26.4	NP	NP
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	216	188	87	0.249	79.0	0.114	0.552	16.1	16.1	19.4	19.3	4.49	7.27	NP	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	216	92	43	0.135	74.3	0.0282	25.3	5.22	4.80	9.81	9.90	0.971	1.38	G	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt	216	175	81	0.150	71.6	0.0526	1.35	8.83	8.80	12.6	12.6	2.07	3.36	NP	NP
1,2,3,7,8-PeCDF	57117-41-6	ppt	216	166	77	0.0904	191	0.0645	0.276	20.1	20.2	26.8	26.7	3.84	13.3	NP	NP
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	216	166	77	0.0448	182	0.0250	0.208	19.4	19.4	26.1	26.0	3.19	9.49	NP	NP
2,3,4,7,8-PeCDF	57117-31-4	ppt	216	166	77	0.116	302	0.0629	0.537	29.2	29.2	41.5	41.4	4.61	10.9	NP	NP
2,3,7,8-TCDD	1746-01-6	ppt	216	172	80	0.0561	8,840	0.0478	0.858	523	523	1,230	1,230	10.0	6.38	NP	NP
2,3,7,8-TCDF	51207-31-9	ppt	216	170	79	0.0395	173	0.0481	0.275	26.9	26.9	33.6	33.5	4.68	13.9	G	NP
OCDD	3268-87-9	ppt	216	216	100	1.04	45,900	--	--	5,980	5,980	8,360	8,360	1,420	2,220	G	G
OCDF	39001-02-0	ppt	216	192	89	0.182	20,800	0.175	1.36	1,370	1,370	2,540	2,530	91.8	307	NP	NP
Total HpCDD	37871-00-4	ppt	216	214	99	0.130	11,800	0.468	0.477	1,350	1,350	1,990	1,980	256	444	NP	NP
Total HpCDF	38998-75-3	ppt	216	196	91	0.0792	16,600	0.0649	0.428	1,330	1,330	2,220	2,220	78.2	411	NP	NP
Total HxCDD	34465-46-8	ppt	216	212	98	0.176	4,150	0.189	0.235	323	323	444	443	93.6	144	NP	NP
Total HxCDF	55684-94-1	ppt	216	194	90	0.0569	9,130	0.0567	0.281	755	756	1,230	1,220	51.8	332	NP	NP
Total PeCDD	36088-22-9	ppt	216	211	98	0.298	1,360	0.120	0.194	111	111	168	168	31.6	46.5	NP	G
Total PeCDF	30402-15-4	ppt	216	194	90	0.0377	6,700	0.0637	0.329	869	869	1,360	1,360	59.3	278	NP	NP
Total TCDD	41903-57-5	ppt	216	209	97	0.119	11,200	0.0977	0.307	692	692	1,540	1,530	51.2	45.3	NP	NP
Total TCDF	55722-27-5	ppt	216	195	90	0.0395	12,700	0.0587	0.219	1,410	1,410	2,490	2,480	84.2	267	G	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Congener PCBs																	
PCB-1	2051-60-7	ppt	208	152	73	2.69	41,000	2.45	212	2,560	2,560	5,360	5,340	144	105	NP	NP
PCB-100	39485-83-1	ppt	216	120	56	5.56	8,140	2.45	212	453	449	822	822	64.3	99.5	G	NP
PCB-103	60145-21-3	ppt	216	126	58	7.11	13,700	2.45	597	725	721	1,320	1,320	85.4	115	G	NP
PCB-104	56558-16-8	ppt	215	45	21	9.01	496	2.45	254	36.0	22.6	51.0	43.6	16.2	20.9	NP	NP
PCB-105	32598-14-4	ppt	216	186	86	0.468	179,000	0.430	10.3	21,600	21,600	35,100	35,000	713	2,690	NP	NP
PCB-106/118	PCB-106/118	ppt	216	194	90	0.675	624,000	0.506	15.2	57,300	57,300	91,700	91,500	1,830	9,080	NP	NP
PCB-107/109	70424-68-9/7447	ppt	216	151	70	4.19	50,200	2.45	48.2	4,130	4,130	6,740	6,720	267	669	G	NP
PCB-108/112	70362-41-3/7447	ppt	216	149	69	3.32	59,400	2.45	48.2	3,650	3,650	6,630	6,620	227	396	G	NP
PCB-11	2050-67-1	ppt	216	158	73	3.21	379,000	2.45	234	23,100	23,100	45,900	45,800	811	2,580	NP	NP
PCB-110	38380-03-9	ppt	216	186	86	2.63	933,000	2.45	42.2	78,500	78,500	128,000	128,000	2,560	11,900	NP	NP
PCB-111/115	PCB-111/115	ppt	216	141	65	6.51	13,400	2.45	210	1,470	1,460	2,520	2,510	124	186	G	NP
PCB-113	68194-10-5	ppt	215	109	51	2.51	9,040	2.45	212	353	347	940	940	45.6	47.1	Ln	NP
PCB-114	74472-37-0	ppt	216	143	66	1.10	15,500	0.442	64.8	1,510	1,510	2,600	2,590	88.3	166	G	NP
PCB-119	56558-17-9	ppt	216	143	66	8.47	28,900	2.45	210	1,640	1,640	2,910	2,900	143	312	NP	NP
PCB-12/13	PCB-12/13	ppt	216	120	56	5.75	86,900	2.45	350	3,810	3,800	8,300	8,280	207	138	NP	NP
PCB-120	68194-12-7	ppt	215	111	52	10.2	3,060	2.45	212	247	245	488	488	43.4	62.4	Ln	NP
PCB-121	56558-18-0	ppt	214	0	0	--	--	2.45	254	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt	216	131	61	6.21	8,860	2.45	212	837	835	1,430	1,430	86.7	106	G	NP
PCB-123	65510-44-3	ppt	216	143	66	1.26	11,400	0.446	142	1,100	1,100	1,830	1,830	75.4	139	G	NP
PCB-124	70424-70-3	ppt	216	129	60	8.58	18,600	2.45	5,600	2,380	2,350	3,800	3,810	180	435	G	NP
PCB-126	57465-28-8	ppt	216	127	59	1.56	2,100	0.415	82.0	310	308	456	456	36.7	51.9	G	NP
PCB-127	39635-33-1	ppt	214	0	0	--	--	2.45	254	--	--	--	--	--	--	--	--
PCB-128/162	PCB-128/162	ppt	216	157	73	4.14	51,600	2.45	48.2	7,670	7,670	11,200	11,200	447	1,550	G	NP
PCB-129	55215-18-4	ppt	216	145	67	2.77	16,500	2.45	210	2,320	2,320	3,500	3,500	189	393	G	NP
PCB-130	52663-66-8	ppt	216	148	69	4.68	20,200	2.45	48.2	3,140	3,140	4,550	4,540	242	826	G	NP
PCB-131	61798-70-7	ppt	215	19	9	13.8	137	2.45	254	32.0	19.7	35.3	19.5	15.2	20.5	N/G	NP
PCB-132/161	38380-05-1/7447	ppt	216	161	75	5.94	93,600	2.45	48.2	14,600	14,600	21,300	21,300	705	3,640	NP	NP
PCB-133/142	PCB-133/142	ppt	216	142	66	7.13	9,570	2.45	208	1,510	1,510	2,170	2,170	150	419	G	NP
PCB-134/143	PCB-134/143	ppt	216	146	68	2.99	19,700	2.45	199	2,860	2,860	4,210	4,210	221	642	G	NP
PCB-135	52744-13-5	ppt	216	154	71	2.77	47,100	2.45	197	6,810	6,810	9,710	9,690	426	2,100	NP	NP
PCB-136	38411-22-2	ppt	216	156	72	3.09	49,500	2.45	197	7,200	7,200	10,300	10,300	434	2,220	NP	NP
PCB-137	35694-06-5	ppt	216	146	68	2.68	19,500	2.45	197	2,480	2,480	3,700	3,690	200	459	G	NP
PCB-138/163/164	35065-28-2/7447	ppt	216	178	82	2.93	308,000	2.45	42.2	49,700	49,700	70,900	70,800	1,970	14,300	NP	NP
PCB-139/149	PCB-139/149	ppt	216	174	81	2.67	293,000	2.45	42.2	43,500	43,500	61,200	61,100	1,810	14,900	NP	NP
PCB-14	34883-41-5	ppt	214	13	6	10.6	674	2.45	477	39.2	19.2	58.9	50.6	17.8	20.9	G/Ln	NP
PCB-140	59291-64-4	ppt	216	120	56	3.97	3,170	2.45	1,160	308	301	440	442	58.7	115	G	NP
PCB-141	52712-04-6	ppt	216	158	73	4.18	68,000	2.45	48.2	9,420	9,420	13,800	13,700	516	2,560	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-144	68194-14-9	ppt	216	145	67	3.36	19,000	2.45	197	2,590	2,590	3,710	3,710	220	894	G	NP
PCB-145	74472-40-5	ppt	216	85	39	8.55	204	2.45	212	35.3	29.4	37.3	32.7	16.7	20.8	G/Ln	NP
PCB-146/165	51908-16-8/7447	ppt	216	157	73	3.54	45,900	2.45	48.2	7,030	7,030	9,820	9,790	450	2,580	NP	NP
PCB-147	68194-13-8	ppt	216	139	64	4.32	12,800	2.45	210	1,350	1,350	1,990	1,980	137	304	G	NP
PCB-148	74472-41-6	ppt	216	113	52	7.67	949	2.45	286	102	99.1	129	130	32.3	71.6	G	NP
PCB-15	2050-68-2	ppt	216	161	75	8.32	243,000	2.45	362	19,800	19,800	35,700	35,600	681	779	NP	NP
PCB-150	68194-08-1	ppt	216	115	53	9.15	1,720	2.45	347	186	183	261	262	43.4	93.8	G	NP
PCB-151	52663-63-5	ppt	216	158	73	6.38	84,900	2.45	48.2	12,100	12,100	16,900	16,900	674	4,850	NP	NP
PCB-152	68194-09-2	ppt	216	101	47	10.7	726	2.45	212	66.8	63.9	86.6	86.0	24.4	32.5	G/Ln	NP
PCB-153	35065-27-1	ppt	216	179	83	2.95	290,000	2.45	42.2	48,800	48,800	67,900	67,700	2,060	16,600	NP	NP
PCB-154	60145-22-4	ppt	216	141	65	9.39	9,390	2.45	197	969	970	1,470	1,470	117	305	G	NP
PCB-155	33979-03-2	ppt	215	84	39	10.2	12,200	2.45	254	224	218	1,110	1,100	27.2	23.4	NP	NP
PCB-156	38380-08-4	ppt	216	158	73	0.544	34,400	0.322	48.2	4,950	4,950	7,300	7,280	230	1,120	NP	NP
PCB-157	69782-90-7	ppt	216	144	67	0.868	7,500	0.328	624	1,070	1,060	1,550	1,550	78.1	238	NP	NP
PCB-158/160	74472-42-7/4141	ppt	216	155	72	5.90	37,400	2.45	48.2	5,770	5,770	8,350	8,330	367	1,460	NP	NP
PCB-159	39635-35-3	ppt	216	64	30	8.34	4,130	2.45	254	325	310	653	658	38.5	20.9	G	NP
PCB-16/32	PCB-16/32	ppt	216	172	80	2.56	807,000	2.45	48.2	46,200	46,200	103,000	102,000	887	1,010	NP	NP
PCB-166	41411-63-6	ppt	216	120	56	8.90	1,580	2.45	212	218	216	315	315	44.3	84.5	G	NP
PCB-167	52663-72-6	ppt	216	154	71	0.786	12,200	0.342	48.2	1,930	1,930	2,780	2,780	120	458	NP	NP
PCB-168	59291-65-5	ppt	216	101	47	4.03	879	2.45	212	89.8	83.7	129	131	28.6	46.5	G/Ln	NP
PCB-169	32774-16-6	ppt	214	19	9	0.928	59.3	0.377	123	12.0	3.30	11.6	7.90	5.59	8.66	G	NP
PCB-17	37680-66-3	ppt	216	159	74	3.14	568,000	2.45	48.2	31,900	31,900	70,300	70,100	640	724	NP	NP
PCB-170	35065-30-6	ppt	216	158	73	7.02	79,500	2.45	48.2	11,300	11,300	15,700	15,700	645	4,340	NP	NP
PCB-171	52663-71-5	ppt	215	149	69	3.29	21,100	2.45	48.2	3,260	3,260	4,460	4,450	266	1,390	NP	NP
PCB-172	52663-74-8	ppt	215	144	67	12.6	14,100	2.45	197	2,020	2,020	2,680	2,680	210	926	G	NP
PCB-173	68194-16-1	ppt	215	125	58	11.4	1,940	2.45	210	300	300	415	414	56.4	105	G	NP
PCB-174	38411-25-5	ppt	215	160	74	7.33	95,200	2.45	44.4	13,800	13,800	18,900	18,900	803	5,510	NP	NP
PCB-175	40186-70-7	ppt	216	141	65	6.19	5,480	2.45	197	715	715	957	955	108	340	G	NP
PCB-176	52663-65-7	ppt	216	149	69	2.56	13,600	2.45	48.2	2,020	2,020	2,740	2,730	204	797	G	NP
PCB-177	52663-70-4	ppt	215	157	73	4.36	52,900	2.45	48.2	7,910	7,910	10,700	10,700	527	3,450	NP	NP
PCB-178	52663-67-9	ppt	216	150	69	10.0	20,100	2.45	197	3,130	3,130	4,000	3,990	302	1,700	NP	NP
PCB-179	52663-64-6	ppt	216	159	74	3.59	47,500	2.45	197	7,300	7,300	9,610	9,590	536	3,410	NP	NP
PCB-18	37680-65-2	ppt	216	180	83	2.87	1,530,000	2.45	48.2	77,900	77,900	180,000	179,000	1,320	1,740	NP	NP
PCB-180	35065-29-3	ppt	215	175	81	2.56	212,000	2.45	77.1	31,200	31,200	41,300	41,200	1,620	14,600	NP	NP
PCB-181	74472-47-2	ppt	215	122	57	17.9	977	2.45	210	147	150	194	192	37.9	58.9	NP	NP
PCB-182/187	PCB-182/187	ppt	216	170	79	4.31	129,000	2.45	82.9	20,900	20,900	26,200	26,200	1,280	11,600	NP	NP
PCB-183	52663-69-1	ppt	216	158	73	4.86	58,400	2.45	42.2	8,720	8,720	11,500	11,500	606	4,070	NP	NP
PCB-184	74472-48-3	ppt	215	110	51	6.06	566	2.45	212	43.0	39.3	58.7	57.5	19.1	28.0	Ln	NP
PCB-185	52712-05-7	ppt	215	145	67	9.39	11,300	2.45	197	1,680	1,680	2,220	2,210	188	711	G	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-186	74472-49-4	ppt	214	3	1	10.3	15.1	2.45	254	29.6	--	33.3	--	14.4	20.5	--	--
PCB-188	74487-85-7	ppt	216	123	57	7.50	1,380	2.45	211	64.6	63.3	112	112	24.4	41.8	Ln	NP
PCB-189	39635-31-9	ppt	216	143	66	0.622	36,600	0.149	48.2	599	599	2,530	2,520	42.5	186	NP	NP
PCB-19	38444-73-4	ppt	216	134	62	2.67	126,000	2.45	212	6,420	6,420	15,100	15,100	200	126	G	NP
PCB-190	41411-64-7	ppt	216	147	68	2.55	16,600	2.45	197	2,450	2,450	3,330	3,330	230	982	G	NP
PCB-191	74472-50-7	ppt	215	136	63	3.93	3,090	2.45	277	494	493	665	665	79.4	209	G	NP
PCB-192	74472-51-8	ppt	214	1	1	84.4	84.4	2.45	254	29.9	--	33.4	--	14.5	20.5	--	--
PCB-193	69782-91-8	ppt	215	145	67	7.65	9,030	2.45	197	1,450	1,450	1,910	1,910	168	647	G	NP
PCB-194	35694-08-7	ppt	216	163	76	5.28	50,000	2.45	42.2	8,510	8,510	10,000	10,000	688	5,560	NP	NP
PCB-195	52663-78-2	ppt	216	148	69	10.1	21,200	2.45	48.2	3,240	3,240	4,150	4,140	304	1,530	NP	NP
PCB-196/203	PCB-196/203	ppt	216	169	78	6.40	70,100	2.45	42.2	13,700	13,700	15,100	15,000	1,030	7,890	NP	NP
PCB-197	33091-17-7	ppt	216	141	65	2.82	2,070	2.45	197	362	360	414	414	75.2	226	NP	NP
PCB-198	68194-17-2	ppt	216	145	67	5.21	3,400	2.45	197	769	769	860	858	125	434	NP	NP
PCB-199	52663-75-9	ppt	216	168	78	5.13	71,300	2.45	42.2	14,700	14,700	16,600	16,500	1,080	8,380	NP	NP
PCB-2	2051-61-8	ppt	208	177	85	6.63	8,080	2.45	212	673	673	1,170	1,170	123	180	NP	NP
PCB-20/21/33	38444-84-7/5570	ppt	216	169	78	2.50	714,000	2.45	199	45,600	45,600	99,700	99,400	854	1,040	NP	NP
PCB-200	52663-73-7	ppt	216	148	69	8.65	7,560	2.45	197	1,280	1,280	1,540	1,530	173	765	NP	NP
PCB-201	40186-71-8	ppt	216	150	69	11.0	8,140	2.45	197	1,630	1,640	1,750	1,750	215	1,060	NP	NP
PCB-202	2136-99-4	ppt	216	158	73	3.27	35,700	2.45	197	4,620	4,620	6,320	6,310	420	2,450	NP	NP
PCB-204	74472-52-9	ppt	215	31	14	14.6	144	2.45	254	32.3	22.8	34.1	20.9	15.6	20.8	N/G	NP
PCB-205	74472-53-0	ppt	216	140	65	2.64	2,370	2.45	183	379	378	437	437	77.9	241	NP	NP
PCB-206	40186-72-9	ppt	216	170	79	2.83	128,000	2.45	42.2	15,200	15,200	23,300	23,200	979	6,280	NP	NP
PCB-207	52663-79-3	ppt	216	151	70	3.31	7,980	2.45	197	1,190	1,190	1,590	1,590	162	601	G	NP
PCB-208	52663-77-1	ppt	216	164	76	2.89	53,600	2.45	42.2	5,840	5,840	10,200	10,200	432	1,960	NP	NP
PCB-209	2051-24-3	ppt	216	170	79	2.56	164,000	2.45	42.2	15,900	15,900	25,700	25,700	970	5,120	NP	NP
PCB-22	38444-85-8	ppt	216	160	74	2.59	503,000	2.45	225	29,700	29,700	63,500	63,300	647	810	NP	NP
PCB-23	55720-44-0	ppt	216	90	42	13.6	938	2.45	212	90.3	87.5	145	145	25.5	21.5	G/Ln	NP
PCB-24/27	PCB-24/27	ppt	216	135	63	2.60	164,000	2.45	210	5,970	5,970	15,200	15,200	205	134	G	NP
PCB-25	55712-37-3	ppt	216	142	66	5.47	771,000	2.45	210	11,600	11,600	54,500	54,400	283	237	G	NP
PCB-26	38444-81-4	ppt	216	155	72	3.53	834,000	2.45	210	17,400	17,400	62,000	61,800	410	463	NP	NP
PCB-28	7012-37-5	ppt	216	186	86	2.53	1,620,000	2.45	46.9	88,000	88,000	180,000	180,000	1,830	2,920	NP	NP
PCB-29	15862-07-4	ppt	216	98	45	4.66	7,030	2.45	384	370	361	819	820	46.1	63.2	Ln	NP
PCB-3	2051-62-9	ppt	216	168	78	2.86	24,500	2.45	42.2	1,920	1,920	3,660	3,660	166	206	NP	NP
PCB-30	35693-92-6	ppt	214	57	27	13.6	1,790	2.45	254	63.4	55.7	144	143	20.4	21.0	G/Ln	NP
PCB-31	16606-02-3	ppt	216	181	84	2.52	1,660,000	2.45	81.0	82,600	82,600	179,000	179,000	1,510	1,980	NP	NP
PCB-34	37680-68-5	ppt	216	97	45	3.39	16,800	2.45	212	537	527	1,410	1,410	58.8	81.1	Ln	NP
PCB-35	37680-69-6	ppt	216	129	60	3.60	44,800	2.45	212	3,250	3,240	5,830	5,820	200	444	G	NP
PCB-36	38444-87-0	ppt	215	62	29	33.6	545	2.45	254	49.6	55.0	57.9	48.7	21.0	21.5	NP	NP
PCB-37	38444-90-5	ppt	216	159	74	2.52	228,000	2.45	48.2	21,400	21,400	40,200	40,100	600	744	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-38	53555-66-1	ppt	216	93	43	5.12	8,120	2.45	212	458	448	915	917	55.4	54.5	G	NP
PCB-39	38444-88-1	ppt	216	93	43	2.61	3,140	2.45	212	148	138	282	286	36.2	65.1	NP	NP
PCB-4/10	PCB-4/10	ppt	216	119	55	14.8	191,000	2.45	288	10,600	10,600	24,100	24,100	288	175	G	NP
PCB-40	38444-93-8	ppt	210	145	69	4.74	312,000	2.45	212	13,700	13,700	32,800	32,700	351	356	NP	NP
PCB-41/64/71/72	52663-59-9/5266	ppt	191	160	84	2.70	1,200,000	2.45	43.0	61,100	61,100	137,000	136,000	1,280	2,470	NP	NP
PCB-42/59	36559-22-5/7447	ppt	216	160	74	7.19	640,000	2.45	48.2	26,800	26,800	61,300	61,200	668	939	NP	NP
PCB-43/49	PCB-43/49	ppt	216	176	82	2.78	1,720,000	2.45	48.2	67,700	67,700	156,000	155,000	1,570	3,490	NP	NP
PCB-44	41464-39-5	ppt	216	184	85	3.01	1,800,000	2.45	43.0	83,300	83,300	182,000	182,000	1,900	4,990	NP	NP
PCB-45	70362-45-7	ppt	216	154	71	4.33	310,000	2.45	48.2	13,400	13,400	31,100	31,100	360	332	NP	NP
PCB-46	41464-47-5	ppt	216	145	67	3.33	173,000	2.45	210	5,900	5,900	15,200	15,200	201	136	NP	NP
PCB-47	2437-79-8	ppt	216	160	74	8.11	596,000	2.45	48.2	23,400	23,400	53,700	53,600	653	1,040	NP	NP
PCB-48/75	70362-47-9/3259	ppt	216	156	72	5.48	270,000	2.45	199	16,900	16,900	35,200	35,100	470	512	NP	NP
PCB-5/8	PCB-5/8	ppt	216	142	66	9.40	632,000	2.45	346	29,100	29,100	71,800	71,600	571	524	G	NP
PCB-50	62796-65-0	ppt	216	99	46	15.1	7,940	2.45	212	299	298	711	710	44.7	68.2	G/Ln	NP
PCB-51	68194-04-7	ppt	216	144	67	3.78	127,000	2.45	210	4,370	4,370	11,200	11,100	175	118	NP	NP
PCB-52/69	35693-99-3/6023	ppt	216	196	91	2.59	1,960,000	2.45	12.3	90,300	90,300	190,000	190,000	3,020	9,210	G	NP
PCB-53	41464-41-9	ppt	216	155	72	3.73	381,000	2.45	197	13,400	13,400	33,700	33,600	377	377	NP	NP
PCB-54	15968-05-5	ppt	216	94	44	8.97	6,220	2.45	212	236	230	581	581	39.0	41.4	Ln	NP
PCB-55	74338-24-2	ppt	216	131	61	7.56	14,600	2.45	212	1,040	1,040	2,160	2,160	85.8	102	G	NP
PCB-56/60	PCB-56/60	ppt	216	176	82	2.56	695,000	2.45	42.2	48,600	48,600	99,000	98,800	1,130	2,100	NP	NP
PCB-57	70424-67-8	ppt	216	111	51	3.58	17,000	2.45	212	456	449	1,320	1,320	53.2	68.6	G	NP
PCB-58	41464-49-7	ppt	216	108	50	2.59	8,240	2.45	212	225	219	626	626	41.1	59.4	NP	NP
PCB-6	25569-80-6	ppt	216	117	54	23.5	514,000	2.45	212	7,850	7,860	37,100	37,000	215	111	NP	NP
PCB-61/70	PCB-61/70	ppt	216	188	87	2.51	1,280,000	2.45	38.1	89,000	89,000	171,000	171,000	2,190	7,040	NP	NP
PCB-62	54230-22-7	ppt	214	4	2	37.0	350	2.45	254	32.3	--	42.4	--	14.8	20.5	--	--
PCB-63	74472-34-7	ppt	216	140	65	10.2	78,100	2.45	210	3,060	3,070	7,190	7,170	157	154	G	NP
PCB-65	33284-54-7	ppt	215	34	16	18.7	989	2.45	254	57.2	49.7	111	109	19.0	20.9	G/Ln	NP
PCB-67	73575-53-8	ppt	216	140	65	9.32	65,800	2.45	210	2,580	2,580	6,110	6,100	134	108	G	NP
PCB-68	73575-52-7	ppt	191	98	51	6.06	8,230	2.45	212	289	286	707	706	40.4	27.5	G	NP
PCB-7/9	PCB-7/9	ppt	216	116	54	8.36	52,700	2.45	236	2,570	2,560	6,150	6,140	136	105	Ln	NP
PCB-73	74338-23-1	ppt	214	7	3	231	11,900	2.45	254	151	346	990	964	16.2	20.5	N/G/Ln	NP
PCB-74	32690-93-0	ppt	216	168	78	2.54	649,000	2.45	82.4	36,800	36,800	76,200	76,000	927	2,060	NP	NP
PCB-76/66	PCB-76/66	ppt	216	184	85	2.68	1,170,000	2.45	42.2	72,200	72,200	143,000	143,000	1,730	4,070	NP	NP
PCB-77	32598-13-3	ppt	216	190	88	0.589	104,000	0.421	89.3	10,700	10,700	19,100	19,100	354	939	NP	NP
PCB-78	70362-49-1	ppt	214	8	4	110	638	2.45	254	43.9	121	87.2	67.4	16.0	20.6	N/G/Ln	NP
PCB-79	41464-48-6	ppt	216	93	43	8.86	8,400	2.45	3,360	670	626	1,110	1,120	79.1	105	NP	NP
PCB-80	33284-52-5	ppt	214	0	0	--	--	2.45	254	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt	216	135	63	1.06	4,090	0.225	72.6	312	312	587	586	26.1	35.3	G/Ln	NP
PCB-82	52663-62-4	ppt	216	153	71	4.01	87,000	2.45	48.2	9,450	9,450	16,400	16,400	430	978	G	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-83	60145-20-2	ppt	215	72	34	15.8	732	2.45	212	71.3	68.0	115	114	22.1	21.0	G/Ln	NP
PCB-84/92	52663-60-2/5266	ppt	216	174	81	2.49	483,000	2.45	42.2	31,600	31,600	55,900	55,700	1,130	4,410	G	NP
PCB-85/116	PCB-85/116	ppt	216	157	73	4.68	118,000	2.45	48.2	12,300	12,300	20,500	20,500	544	1,570	G	NP
PCB-86	55312-69-1	ppt	216	116	54	2.81	8,230	2.45	212	735	729	1,440	1,440	70.7	97.2	G/Ln	NP
PCB-87/117/125	38380-02-8/6819	ppt	216	166	77	8.45	217,000	2.45	42.2	25,100	25,100	41,300	41,200	937	3,120	G	NP
PCB-88/91	PCB-88/91	ppt	216	155	72	5.56	209,000	2.45	48.2	12,600	12,600	22,700	22,700	542	1,470	G	NP
PCB-89	73575-57-2	ppt	216	125	58	7.38	24,100	2.45	212	1,320	1,310	2,740	2,730	101	106	G	NP
PCB-90/101	PCB-90/101	ppt	216	189	88	2.72	734,000	2.45	40.6	71,500	71,500	113,000	113,000	2,580	14,200	NP	NP
PCB-93	73575-56-1	ppt	214	2	1	73.4	104,000	2.45	254	516	--	7,110	--	15.1	20.5	--	--
PCB-94	73575-55-0	ppt	216	121	56	4.54	10,400	2.45	212	495	490	999	998	63.1	95.1	G	NP
PCB-95/98/102	38379-99-6/6023	ppt	216	182	84	2.56	706,000	2.45	42.2	57,200	57,300	94,900	94,700	1,940	9,460	NP	NP
PCB-96	73575-54-9	ppt	216	125	58	5.24	14,400	2.45	212	749	745	1,580	1,580	72.9	99.0	G	NP
PCB-97	41464-51-1	ppt	216	162	75	9.69	278,000	2.45	43.0	23,300	23,300	39,000	38,900	877	2,810	G	NP
PCB-99	38380-01-7	ppt	216	171	79	2.51	493,000	2.45	42.2	34,300	34,300	58,100	58,000	1,240	4,820	NP	NP
Total Congener PCBs (209)	No CAS	ppt	216	211	98	0.589	32,100,000	2.45	16.1	2,150,000	2,150,000	3,850,000	3,850,000	58,100	556,000	NP	NP
Total Congener PCBs (NOAA 1989)	No CAS	ppt	216	208	96	1.18	22,100,000	2.45	16.1	1,610,000	1,610,000	2,770,000	2,770,000	48,600	502,000	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	102	24	24	0.13	1.2	0.10	8.3	0.29	0.22	0.45	0.16	0.20	0.18	G/Ln	NP
Metals																	
Aluminum	7429-90-5	ppm	105	104	99	3,290	31,500	1.1	1.1	14,300	14,300	4,510	4,400	12,500	14,500	N	N
Antimony	7440-36-0	ppm	101	17	17	0.62	4.5	0.47	7.7	1.5	0.96	1.2	0.77	1.1	1.1	G/Ln	NP
Arsenic	7440-38-2	ppm	105	105	100	5.7	54.1	--	--	14.7	14.7	9.1	9.1	13.0	11.7	NP	NP
Barium	7440-39-3	ppm	105	105	100	36.7	871	--	--	169	169	127	127	141	129	NP	NP
Beryllium	7440-41-7	ppm	105	100	95	0.20	1.6	0.67	1.3	0.78	0.79	0.26	0.25	0.73	0.79	N/G	N/G
Cadmium	7440-43-9	ppm	105	99	94	0.23	21.5	0.040	1.5	2.2	2.2	2.9	2.9	1.3	1.3	Ln	Ln
Calcium	7440-70-2	ppm	100	100	100	1,430	25,900	--	--	7,730	7,730	3,770	3,770	6,980	7,310	NP	NP
Chromium	7440-47-3	ppm	105	105	100	28.0	649	--	--	122	122	83.3	83.3	105	105	NP	NP
Cobalt	7440-48-4	ppm	105	105	100	3.2	20.6	--	--	10.2	10.2	2.6	2.6	9.8	10.1	N	N
Copper	7440-50-8	ppm	103	103	100	23.0	781	--	--	153	153	119	119	122	118	NP	NP
Iron	7439-89-6	ppm	105	105	100	6,080	57,800	--	--	29,400	29,400	7,950	7,950	28,200	29,700	N	N
Lead	7439-92-1	ppm	105	105	100	22.4	882	--	--	157	157	137	137	124	117	NP	NP
Magnesium	7439-95-4	ppm	105	105	100	1,380	13,600	--	--	7,520	7,520	2,220	2,220	7,090	7,750	NP	NP
Manganese	7439-96-5	ppm	105	105	100	69.6	790	--	--	392	392	127	127	369	388	N/G	N/G
Mercury	7439-97-6	ppm	105	105	100	0.27	77.0	--	--	3.7	3.7	8.5	8.5	2.0	1.9	NP	NP
Nickel	7440-02-0	ppm	105	105	100	9.3	89.6	--	--	36.5	36.5	13.4	13.4	34.1	35.5	NP	NP
Potassium	7440-09-7	ppm	96	96	100	945	8,440	--	--	3,590	3,590	1,290	1,290	3,350	3,440	G/Ln	G/Ln
Selenium	7782-49-2	ppm	101	66	65	0.26	4.6	0.53	5.6	1.1	1.1	0.98	0.93	0.82	0.76	Ln	NP
Silver	7440-22-4	ppm	97	97	100	0.29	15.9	--	--	2.5	2.5	2.2	2.2	2.0	2.0	NP	NP
Sodium	7440-23-5	ppm	105	105	100	1,650	25,200	--	--	8,230	8,230	3,810	3,810	7,390	7,700	G/Ln	G/Ln
Thallium	7440-28-0	ppm	101	47	47	0.11	3.4	0.67	19.2	0.93	0.56	1.2	0.79	0.59	0.65	NP	NP
Titanium	7440-32-6	ppm	105	105	100	116	896	--	--	447	447	127	127	427	455	N	N
Vanadium	7440-62-2	ppm	105	105	100	8.6	86.8	--	--	39.1	39.1	12.1	12.1	37.2	38.6	NP	NP
Zinc	7440-66-6	ppm	105	105	100	73.5	1,460	--	--	268	268	190	190	227	210	NP	NP
Mid-depth (0.5 - 3.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	224	74	33	0.20	26.2	0.14	2.8	0.69	0.70	2.3	2.3	0.28	0.20	NP	Ln
Metals																	
Aluminum	7429-90-5	ppm	230	230	100	4,630	51,200	--	--	16,000	16,000	5,250	5,250	15,200	15,900	NP	NP
Antimony	7440-36-0	ppm	217	36	17	0.48	6.0	0.43	7.3	1.4	0.85	1.2	0.90	0.92	0.75	G/Ln	NP
Arsenic	7440-38-2	ppm	230	227	99	0.67	102	0.51	2.9	23.9	24.0	20.6	20.6	16.7	16.5	NP	NP
Barium	7440-39-3	ppm	230	230	100	5.6	3,110	--	--	248	248	406	406	148	154	NP	NP
Beryllium	7440-41-7	ppm	230	218	95	0.16	2.7	0.79	1.4	0.83	0.84	0.30	0.30	0.76	0.83	NP	NP
Cadmium	7440-43-9	ppm	230	201	87	0.12	28.4	0.027	0.39	4.2	4.2	4.9	4.9	1.5	2.2	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Calcium	7440-70-2	ppm	218	218	100	409	82,000	--	--	8,370	8,370	8,790	8,790	6,450	7,130	NP	NP
Chromium	7440-47-3	ppm	230	230	100	7.4	1,220	--	--	204	204	196	196	126	137	G	G
Cobalt	7440-48-4	ppm	230	230	100	1.7	32.8	--	--	11.0	11.0	3.5	3.5	10.4	11.3	NP	NP
Copper	7440-50-8	ppm	227	227	100	0.85	1,170	--	--	225	225	202	202	122	181	NP	NP
Iron	7439-89-6	ppm	230	230	100	3,890	86,800	--	--	31,300	31,300	9,480	9,480	29,500	32,400	NP	NP
Lead	7439-92-1	ppm	230	230	100	2.4	1,380	--	--	215	215	203	203	117	167	NP	NP
Magnesium	7439-95-4	ppm	230	230	100	1,050	21,800	--	--	7,490	7,490	2,480	2,480	6,930	7,950	NP	NP
Manganese	7439-96-5	ppm	230	230	100	21.7	1,320	--	--	408	408	131	131	380	409	NP	NP
Mercury	7439-97-6	ppm	230	226	98	0.0034	758	0.0027	0.0053	11.5	11.5	57.5	57.3	1.7	2.8	NP	NP
Nickel	7440-02-0	ppm	230	230	100	3.5	121	--	--	42.8	42.8	19.9	19.9	37.6	42.0	N	N
Potassium	7440-09-7	ppm	206	206	100	479	13,300	--	--	3,860	3,860	1,450	1,450	3,560	3,650	NP	NP
Selenium	7782-49-2	ppm	217	121	56	0.30	11.3	0.42	6.1	1.4	1.4	1.5	1.5	0.94	0.92	Ln	NP
Silver	7440-22-4	ppm	221	195	88	0.10	61.6	0.067	0.44	3.8	3.8	5.6	5.6	1.7	2.7	NP	NP
Sodium	7440-23-5	ppm	230	230	100	441	27,200	--	--	7,760	7,760	3,310	3,310	6,910	7,850	N	N
Thallium	7440-28-0	ppm	214	88	41	0.15	5.1	0.68	6.1	0.93	0.71	0.74	0.83	0.72	0.71	NP	NP
Titanium	7440-32-6	ppm	230	230	100	125	1,350	--	--	463	463	139	139	441	461	N	N
Vanadium	7440-62-2	ppm	230	230	100	7.1	136	--	--	45.1	45.1	17.1	17.1	41.7	43.5	NP	NP
Zinc	7440-66-6	ppm	230	230	100	8.9	2,980	--	--	376	376	370	370	242	285	G	G
Subsurface (>3.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	215	135	63	0.13	249	0.076	1.9	4.8	4.8	20.5	20.4	0.52	0.49	NP	NP
Metals																	
Aluminum	7429-90-5	ppm	216	216	100	2,230	31,700	--	--	13,500	13,500	5,090	5,090	12,300	14,700	NP	NP
Antimony	7440-36-0	ppm	203	16	8	0.90	6.8	0.010	6.7	2.1	1.3	0.93	0.73	1.6	2.3	G/Ln	NP
Arsenic	7440-38-2	ppm	216	214	99	0.25	142	0.46	0.47	35.0	35.0	32.0	32.0	18.3	30.0	NP	NP
Barium	7440-39-3	ppm	216	216	100	4.7	2,930	--	--	318	318	476	476	138	202	NP	NP
Beryllium	7440-41-7	ppm	216	203	94	0.10	1.7	0.59	1.3	0.72	0.73	0.29	0.29	0.65	0.78	NP	NP
Cadmium	7440-43-9	ppm	216	201	93	0.033	90.1	0.039	0.91	7.5	7.5	10.3	10.3	2.0	4.0	NP	NP
Calcium	7440-70-2	ppm	214	214	100	172	225,000	--	--	12,800	12,800	30,900	30,900	5,340	6,230	NP	NP
Chromium	7440-47-3	ppm	216	216	100	5.9	2,000	--	--	381	381	426	426	146	221	NP	NP
Cobalt	7440-48-4	ppm	216	216	100	1.8	39.0	--	--	10.2	10.2	4.5	4.5	9.2	10.8	NP	NP
Copper	7440-50-8	ppm	216	216	100	3.0	1,020	--	--	276	276	248	248	108	260	NP	NP
Iron	7439-89-6	ppm	216	216	100	4,290	60,100	--	--	29,100	29,100	10,100	10,100	26,600	32,800	NP	NP
Lead	7439-92-1	ppm	216	216	100	1.4	1,810	--	--	310	310	336	336	107	258	NP	NP
Magnesium	7439-95-4	ppm	216	216	100	1,110	13,600	--	--	6,630	6,630	2,440	2,440	6,010	7,410	NP	NP
Manganese	7439-96-5	ppm	216	216	100	42.1	1,040	--	--	357	357	139	139	315	375	NP	NP
Mercury	7439-97-6	ppm	216	177	82	0.0035	122	0.0024	0.062	9.6	9.6	17.1	17.1	1.2	5.2	NP	NP
Nickel	7440-02-0	ppm	216	216	100	4.6	159	--	--	40.8	40.8	24.8	24.8	32.2	40.9	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Potassium	7440-09-7	ppm	212	212	100	412	8,210	--	--	2,840	2,840	1,260	1,260	2,520	2,940	NP	NP
Selenium	7782-49-2	ppm	214	171	80	0.018	9.9	0.017	6.3	1.6	1.5	1.4	1.4	0.97	1.4	NP	NP
Silver	7440-22-4	ppm	193	166	86	0.0031	14.2	0.0030	7.8	4.2	4.2	3.7	3.7	1.4	3.9	NP	NP
Sodium	7440-23-5	ppm	216	216	100	245	14,100	--	--	6,350	6,350	3,080	3,080	5,170	6,750	NP	NP
Thallium	7440-28-0	ppm	211	153	73	0.018	2.8	0.0042	2.6	0.40	0.31	0.39	0.36	0.27	0.30	NP	NP
Titanium	7440-32-6	ppm	216	216	100	92.1	832	--	--	368	368	134	134	340	374	N	N
Vanadium	7440-62-2	ppm	216	216	100	6.5	111	--	--	44.4	44.4	22.0	22.0	38.4	42.5	G	G
Zinc	7440-66-6	ppm	216	216	100	11.0	3,450	--	--	540	540	595	595	250	469	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	103	26	25	3.6	190	16	7,600	280	24	450	30	100	240	G/Ln	NP
2,4,5-TP (Silvex)	93-72-1	ppb	90	23	26	1.6	150	11	7,600	330	42	470	35	170	270	G	NP
2,4-D	94-75-7	ppb	103	18	18	19	220	63	19,000	720	62	1,100	49	310	600	G/Ln	NP
2,4-DB	94-82-6	ppb	85	13	15	42	310	32	14,000	650	120	870	82	390	500	N/G/Ln	NP
Organotins																	
Dibutyltin	1191-48-6	ppb	67	55	82	1.1	47	0.94	4.9	6.0	6.1	7.2	7.1	4.0	3.6	NP	Ln
Monobutyltin	78763-54-9	ppb	65	0	0	--	--	2.1	7.1	--	--	--	--	--	--	--	--
Tetrabutyltin	1461-25-2	ppb	67	3	5	2.0	24	2.1	7.1	2.2	--	2.7	--	1.9	1.8	--	--
Tributyltin	688-73-3	ppb	67	54	81	1.3	74	2.3	4.9	7.1	7.2	11	11	4.3	4.1	NP	NP
PBDEs																	
BDE-1	BDE-1	ppb	12	8	67	0.0085	0.030	0.0062	0.040	0.016	0.017	0.0069	0.0060	0.014	0.018	N/G/Ln	N/Ln
BDE-10	BDE-10	ppb	12	2	17	0.00030	0.00059	0.00020	0.0047	0.00052	--	0.00063	--	0.00031	0.00029	--	--
BDE-100	BDE-100	ppb	12	8	67	0.0044	0.098	0.0024	0.048	0.023	0.023	0.028	0.027	0.012	0.013	G/Ln	N/G/Ln
BDE-105	BDE-105	ppb	12	0	0	--	--	0.0020	0.046	--	--	--	--	--	--	--	--
BDE-116	BDE-116	ppb	12	0	0	--	--	0.0012	0.031	--	--	--	--	--	--	--	--
BDE-118	BDE-118	ppb	12	0	0	--	--	0.0012	0.026	--	--	--	--	--	--	--	--
BDE-119	BDE-119	ppb	12	2	17	0.0043	0.011	0.00033	0.014	0.0024	--	0.0033	--	0.0010	0.00084	--	--
BDE-12/13	BDE-12/13	ppb	12	7	58	0.00065	0.0033	0.00040	0.0033	0.0016	0.0017	0.0010	0.00098	0.0013	0.0015	N/G/Ln	N/G/Ln
BDE-126	BDE-126	ppb	12	0	0	--	--	0.00047	0.013	--	--	--	--	--	--	--	--
BDE-138	BDE-138	ppb	12	1	8	0.0024	0.0024	0.0025	0.059	0.0072	--	0.0083	--	0.0045	0.0032	--	--
BDE-139	BDE-139	ppb	12	1	8	0.0046	0.0046	0.0035	0.072	0.0085	--	0.0099	--	0.0057	0.0047	--	--
BDE-140	BDE-140	ppb	12	0	0	--	--	0.0029	0.077	--	--	--	--	--	--	--	--
BDE-15	BDE-15	ppb	12	12	100	0.0083	0.061	--	--	0.027	0.027	0.017	0.017	0.023	0.022	N/G/Ln	N/G/Ln
BDE-153	BDE-153	ppb	12	7	58	0.0043	0.045	0.0065	0.047	0.016	0.015	0.015	0.015	0.011	0.0083	G/Ln	G
BDE-154	BDE-154	ppb	12	7	58	0.0041	0.045	0.0039	0.027	0.013	0.013	0.013	0.013	0.0090	0.0093	N/G/Ln	N/Ln
BDE-155	BDE-155	ppb	12	4	33	0.0010	0.0037	0.0010	0.025	0.0033	--	0.0033	--	0.0023	0.0025	--	--
BDE-156/169	BDE-156/169	ppb	12	0	0	--	--	0.0045	0.11	--	--	--	--	--	--	--	--
BDE-166	BDE-166	ppb	12	0	0	--	--	0.0047	0.095	--	--	--	--	--	--	--	--
BDE-17	BDE-17	ppb	12	11	92	0.0012	0.12	0.00020	0.00020	0.027	0.028	0.033	0.031	0.010	0.015	G/Ln	N/G/Ln
BDE-179	BDE-179	ppb	12	1	8	0.031	0.031	0.0035	0.14	0.017	--	0.020	--	0.0097	0.0083	--	--
BDE-181	BDE-181	ppb	12	0	0	--	--	0.0031	0.10	--	--	--	--	--	--	--	--
BDE-183/176	BDE-183/176	ppb	12	10	83	0.0084	0.11	0.015	0.031	0.048	0.048	0.038	0.036	0.034	0.042	N/G/Ln	N/G/Ln
BDE-188	BDE-188	ppb	12	0	0	--	--	0.0023	0.085	--	--	--	--	--	--	--	--
BDE-190	BDE-190	ppb	12	0	0	--	--	0.0043	0.16	--	--	--	--	--	--	--	--
BDE-191	BDE-191	ppb	12	1	8	0.017	0.017	0.0049	0.20	0.021	--	0.028	--	0.012	0.011	--	--
BDE-196	BDE-196	ppb	12	8	67	0.043	0.41	0.020	0.18	0.13	0.13	0.11	0.11	0.089	0.11	N/G/Ln	N/Ln
BDE-197	BDE-197	ppb	12	9	75	0.0049	0.069	0.0099	0.10	0.027	0.025	0.020	0.019	0.020	0.023	N/G/Ln	N/G/Ln

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
BDE-2	BDE-2	ppb	12	8	67	0.0035	0.027	0.0041	0.028	0.0097	0.0089	0.0067	0.0065	0.0079	0.0074	G/Ln	Ln
BDE-202	BDE-202	ppb	12	0	0	--	--	0.0099	0.16	--	--	--	--	--	--	--	--
BDE-203	BDE-203	ppb	12	3	25	0.035	0.062	0.0033	0.056	0.019	--	0.019	--	0.011	0.014	--	--
BDE-205	BDE-205	ppb	12	0	0	--	--	0.024	0.45	--	--	--	--	--	--	--	--
BDE-207	BDE-207	ppb	11	7	64	0.051	0.22	0.023	0.22	0.10	0.11	0.061	0.052	0.076	0.11	N/G/Ln	N/Ln
BDE-208	BDE-208	ppb	11	4	36	0.023	0.051	0.017	0.25	0.045	--	0.031	--	0.037	0.039	--	--
BDE-209	BDE-209	ppb	11	11	100	0.44	12	--	--	3.4	3.4	3.2	3.2	2.4	3.1	G/Ln	G/Ln
BDE-25	BDE-25	ppb	12	3	25	0.011	0.042	0.00082	0.0062	0.0064	--	0.012	--	0.0017	0.00072	--	--
BDE-28/33	BDE-28/33	ppb	12	11	92	0.0030	0.028	0.0027	0.0027	0.010	0.011	0.0083	0.0078	0.0075	0.0081	N/G/Ln	N/Ln
BDE-3	BDE-3	ppb	12	12	100	0.014	0.055	--	--	0.030	0.030	0.014	0.014	0.027	0.022	G/Ln	G/Ln
BDE-30	BDE-30	ppb	12	0	0	--	--	0.00016	0.0024	--	--	--	--	--	--	--	--
BDE-32	BDE-32	ppb	12	5	42	0.0011	0.0062	0.00075	0.0024	0.0017	0.0019	0.0018	0.0015	0.0011	0.0011	N/G/Ln	NP
BDE-35	BDE-35	ppb	12	0	0	--	--	0.00037	0.038	--	--	--	--	--	--	--	--
BDE-37	BDE-37	ppb	12	0	0	--	--	0.00014	0.0021	--	--	--	--	--	--	--	--
BDE-47	BDE-47	ppb	12	7	58	0.031	0.35	0.010	0.031	0.089	0.097	0.10	0.093	0.041	0.052	N/G/Ln	N/Ln
BDE-49	BDE-49	ppb	12	11	92	0.0074	0.12	0.017	0.017	0.043	0.043	0.039	0.037	0.029	0.031	N/G/Ln	N/G/Ln
BDE-66	BDE-66	ppb	12	5	42	0.0036	0.014	0.00024	0.0041	0.0036	0.0052	0.0042	0.0030	0.0016	0.0016	N/G/Ln	NP
BDE-7	BDE-7	ppb	12	11	92	0.0014	0.100	0.00018	0.00018	0.026	0.026	0.028	0.027	0.011	0.016	G/Ln	N/G/Ln
BDE-71	BDE-71	ppb	12	7	58	0.00090	0.028	0.00018	0.0029	0.0048	0.0049	0.0078	0.0074	0.0017	0.0014	G/Ln	N/Ln
BDE-75	BDE-75	ppb	12	3	25	0.0057	0.014	0.00013	0.0016	0.0024	--	0.0043	--	0.00048	0.00028	--	--
BDE-77	BDE-77	ppb	12	0	0	--	--	0.00014	0.0023	--	--	--	--	--	--	--	--
BDE-8/11	BDE-8/11	ppb	12	12	100	0.0094	0.034	--	--	0.020	0.020	0.0077	0.0077	0.019	0.019	N/G/Ln	N/G/Ln
BDE-85	BDE-85	ppb	12	3	25	0.0010	0.013	0.00088	0.018	0.0031	--	0.0039	--	0.0016	0.0015	--	--
BDE-99	BDE-99	ppb	12	8	67	0.026	0.43	0.0097	0.026	0.093	0.099	0.12	0.11	0.043	0.051	G/Ln	N/Ln
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb	105	0	0	--	--	43	1,500	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	105	0	0	--	--	43	1,500	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	105	0	0	--	--	43	1,500	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	105	38	36	24	1,000	43	1,500	150	130	160	140	110	100	NP	NP
Aroclor-1248	12672-29-6	ppb	105	64	61	18	9,100	44	260	350	340	1,000	1,000	120	120	NP	NP
Aroclor-1254	11097-69-1	ppb	105	100	95	24	4,100	43	290	330	340	500	500	210	180	NP	NP
Aroclor-1260	11096-82-5	ppb	105	97	92	14	980	53	260	140	140	170	170	94	88	NP	NP
Aroclor-1262	37324-23-5	ppb	105	0	0	--	--	43	1,500	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	105	2	2	9.8	21	43	1,500	88	--	94	--	67	75	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb	105	103	98	37	14,000	240	260	870	870	1,600	1,600	480	440	NP	NP
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb	105	103	98	37	14,000	240	260	870	870	1,600	1,600	480	440	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCNs																	
PCN-1	PCN-1	ppt	10	10	100	140	1,800	--	--	520	520	520	520	390	310	Ln	Ln
PCN-10	PCN-10	ppt	10	5	50	64	91	38	62	49	70	28	8.5	41	47	N/G/Ln	NP
PCN-12	PCN-12	ppt	10	10	100	150	3,700	--	--	740	740	1,000	1,000	490	400	NP	NP
PCN-13	PCN-13	ppt	10	5	50	33	140	9.9	50	37	48	42	32	19	29	N/G/Ln	N/Ln
PCN-2	PCN-2	ppt	10	10	100	130	730	--	--	250	250	190	190	210	170	NP	NP
PCN-27	PCN-27	ppt	10	9	90	33	140	34	34	61	62	32	29	53	56	N/G/Ln	N/G/Ln
PCN-28/36	PCN-28/36	ppt	10	10	100	87	1,200	--	--	290	290	320	320	220	210	NP	NP
PCN-3	PCN-3	ppt	10	9	90	44	220	50	50	84	86	58	54	70	64	G/Ln	N/G/Ln
PCN-31	PCN-31	ppt	10	10	100	140	930	--	--	380	380	210	210	340	300	G/Ln	G/Ln
PCN-42	PCN-42	ppt	10	10	100	140	3,400	--	--	730	730	960	960	500	470	NP	NP
PCN-46	PCN-46	ppt	10	2	20	72	110	9.9	20	23	--	36	--	11	7.5	--	--
PCN-48	PCN-48	ppt	10	2	20	20	49	9.9	50	14	--	14	--	10	9.9	--	--
PCN-49	PCN-49	ppt	10	7	70	32	440	9.9	10	79	87	130	120	31	37	NP	N/Ln
PCN-5	PCN-5	ppt	10	9	90	380	4,400	490	490	1,000	1,000	1,200	1,200	690	690	NP	NP
PCN-50	PCN-50	ppt	10	10	100	53	560	--	--	170	170	140	140	140	140	Ln	Ln
PCN-52	PCN-52	ppt	10	10	100	250	2,200	--	--	660	660	560	560	550	520	NP	NP
PCN-53	PCN-53	ppt	10	9	90	11	560	20	20	250	250	210	200	110	310	N	N
PCN-54	PCN-54	ppt	10	6	60	360	1,700	9.9	50	390	530	500	380	100	370	G	Ln
PCN-6	PCN-6	ppt	10	10	100	180	3,500	--	--	710	710	990	990	470	420	NP	NP
PCN-66/67	PCN-66/67	ppt	10	10	100	77	530	--	--	170	170	130	130	150	140	Ln	Ln
PCN-68	PCN-68	ppt	10	10	100	130	760	--	--	240	240	180	180	210	190	NP	NP
PCN-69	PCN-69	ppt	10	10	100	230	1,300	--	--	420	420	330	330	360	320	NP	NP
PCN-70	PCN-70	ppt	10	3	30	120	150	10.0	50	46	--	60	--	18	10	--	--
PCN-71/72	PCN-71/72	ppt	10	10	100	120	1,700	--	--	520	520	420	420	430	420	G/Ln	G/Ln
PCN-73	PCN-73	ppt	10	9	90	110	1,200	9.9	9.9	320	330	340	310	180	250	G/Ln	Ln
PCN-74	PCN-74	ppt	10	10	100	63	890	--	--	240	240	240	240	180	180	G/Ln	G/Ln
PCN-75	PCN-75	ppt	10	6	60	15	110	9.9	70	40	41	32	30	30	31	N/G/Ln	N/Ln
PCN-9	PCN-9	ppt	10	7	70	14	44	9.9	50	20	21	11	9.5	17	20	N/G/Ln	N/Ln
Pesticides																	
2,4'-DDD	53-19-0	ppb	36	8	22	5.7	47	4.4	10	6.9	8.6	10	9.4	4.8	3.8	NP	NP
2,4'-DDE	3424-82-6	ppb	35	12	34	6.8	33	4.4	10	8.8	11	8.8	7.5	6.1	3.9	N/G/Ln	NP
2,4'-DDT	789-02-6	ppb	38	9	24	1.3	56	4.4	10	4.8	3.9	8.6	8.7	3.5	3.7	NP	NP
4,4'-DDD	72-54-8	ppb	105	52	50	2.3	320	5.3	460	27	23	51	47	14	11	NP	NP
4,4'-DDE	72-55-9	ppb	105	87	83	4.0	1,000	5.3	170	42	41	100	100	24	22	Ln	NP
4,4'-DDT	50-29-3	ppb	102	25	25	3.0	560	4.4	460	33	26	75	73	12	9.5	Ln	NP
Aldrin	309-00-2	ppb	104	9	9	0.63	5.8	2.6	230	7.3	1.6	13	1.3	4.3	4.4	N/G/Ln	NP
Alpha-BHC	319-84-6	ppb	105	9	9	0.59	5.4	2.2	230	7.0	1.4	13	0.94	3.9	3.8	G/Ln	NP
Alpha-Chlordane	5103-71-9	ppb	105	35	33	0.39	13	2.8	230	7.6	2.7	13	2.3	4.5	4.7	Ln	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Beta-BHC	319-85-7	ppb	101	12	12	1.2	76	2.2	230	8.0	2.8	15	7.5	4.3	4.3	NP	NP
Delta-BHC	319-86-8	ppb	104	20	19	1.4	13	2.2	230	7.4	3.0	13	1.9	4.4	4.3	G/Ln	NP
Dieldrin	60-57-1	ppb	104	21	20	1.5	12	2.6	460	14	4.1	26	2.3	8.2	8.5	G/Ln	NP
Endosulfan I	959-98-8	ppb	105	0	0	--	--	2.2	230	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb	105	1	1	2.3	2.3	4.4	460	14	--	26	--	8.1	8.5	--	--
Endosulfan Sulfate	1031-07-8	ppb	104	13	13	1.3	6.5	4.4	460	14	3.4	26	1.5	8.0	8.5	N/G/Ln	NP
Endrin	72-20-8	ppb	105	3	3	1.0	1.8	4.4	460	14	--	26	--	7.7	7.5	--	--
Endrin Aldehyde	7421-93-4	ppb	105	12	11	1.9	30	4.4	460	14	4.2	26	3.4	8.4	8.5	G/Ln	NP
Endrin Ketone	53494-70-5	ppb	105	5	5	1.4	71	5.3	460	15	2.7	27	7.0	8.2	8.5	NP	NP
Gamma-BHC (Lindane)	58-89-9	ppb	104	5	5	0.41	9.8	2.2	230	7.3	1.6	13	1.3	4.2	4.3	N/G/Ln	NP
Gamma-Chlordane	5566-34-7	ppb	101	21	21	2.6	21	2.2	230	8.4	4.2	13	2.8	5.3	4.8	NP	NP
Heptachlor	76-44-8	ppb	103	10	10	1.2	8.8	2.2	230	7.4	2.1	13	1.3	4.4	4.4	N/G/Ln	NP
Heptachlor Epoxide	1024-57-3	ppb	101	23	23	1.2	22	2.2	230	8.3	3.9	13	3.6	5.2	4.7	G/Ln	NP
Methoxychlor	72-43-5	ppb	105	3	3	13	13	22	2,300	70	--	130	--	40	39	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb	105	37	35	0.39	32	2.8	230	8.9	4.6	13	5.2	5.5	5.0	G/Ln	NP
Total DDT (2,4 & 4,4)	No CAS	ppb	38	38	100	8.5	520	--	--	74	74	100	100	42	31	NP	NP
Total DDT (2,4)	No CAS	ppb	38	16	42	1.3	78	4.4	10	14	13	21	21	6.7	4.0	G/Ln	NP
Total DDT (4,4)	No CAS	ppb	105	89	85	8.2	1,100	5.3	170	81	80	170	170	36	30	NP	NP
Toxaphene	8001-35-2	ppb	105	0	0	--	--	220	23,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb	37	0	0	--	--	230	1,700	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	67	4	6	69	120	220	8,900	840	--	940	--	540	500	--	--
1,2-Dichlorobenzene	95-50-1	ppb	67	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb	67	1	2	210	210	220	8,900	860	--	920	--	590	550	--	--
1,4-Dichlorobenzene	106-46-7	ppb	67	14	21	46	280	280	8,900	750	120	940	57	440	470	N/G/Ln	NP
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb	37	0	0	--	--	230	1,700	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	104	1	1	100	100	220	8,900	630	--	810	--	400	400	--	--
2,4-Dinitrophenol	51-28-5	ppb	104	0	0	--	--	440	45,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	105	55	52	20	780	280	8,900	500	100	810	110	210	160	Ln	NP
2-Methylphenol	95-48-7	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2-Nitrophenol	88-75-5	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	104	0	0	--	--	230	18,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	104	0	0	--	--	430	18,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	104	0	0	--	--	440	28,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	104	19	18	35	560	220	8,900	530	140	730	100	330	330	G/Ln	NP
4-Chlorophenyl phenyl ether	7005-72-3	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	104	2	2	52	110	220	8,900	630	--	810	--	400	420	--	--
4-Nitroaniline	100-01-6	ppb	104	0	0	--	--	430	18,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	104	0	0	--	--	440	28,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	105	57	54	7.9	2,300	17	8,900	520	180	770	330	230	260	Ln	NP
Acenaphthylene	208-96-8	ppb	105	97	92	34	4,200	680	4,300	370	310	570	510	210	210	Ln	Ln
Acetophenone	98-86-2	ppb	37	6	16	56	480	230	1,700	210	110	140	99	180	190	NP	NP
Anthracene	120-12-7	ppb	104	98	94	19	7,400	680	4,100	610	580	970	960	370	350	Ln	Ln
Atrazine	1912-24-9	ppb	37	0	0	--	--	230	1,700	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb	37	14	38	34	230	300	1,700	170	76	130	51	130	180	Ln	NP
Benzo(a)anthracene	56-55-3	ppb	104	104	100	190	20,000	--	--	1,500	1,500	2,700	2,700	860	790	NP	NP
Benzo(a)pyrene	50-32-8	ppb	104	104	100	230	15,000	--	--	1,600	1,600	2,200	2,200	1,100	990	Ln	Ln
Benzo(b)fluoranthene	205-99-2	ppb	104	104	100	290	23,000	--	--	1,900	1,900	2,900	2,900	1,300	1,100	NP	NP
Benzo(g,h,i)perylene	191-24-2	ppb	104	104	100	120	7,400	--	--	770	770	950	950	520	470	Ln	Ln
Benzo(k)fluoranthene	207-08-9	ppb	104	101	97	110	16,000	940	4,100	1,200	1,200	1,900	1,800	730	660	Ln	Ln
Biphenyl	92-52-4	ppb	37	5	14	32	280	270	1,700	210	78	130	90	180	190	NP	NP
bis(2-Chloroethoxy)methane	111-91-1	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	104	102	98	250	71,000	270	2,700	7,000	7,000	12,000	12,000	3,300	3,000	Ln	Ln
Butyl benzyl phthalate	85-68-7	ppb	104	34	33	38	460	220	8,900	580	110	810	86	300	400	NP	NP
Caprolactam	105-60-2	ppb	37	1	3	120	120	230	1,700	220	--	120	--	200	190	--	--
Carbazole	86-74-8	ppb	104	41	39	33	4,000	270	8,900	580	190	870	500	280	280	NP	NP
Chrysene	218-01-9	ppb	104	104	100	180	45,000	--	--	1,900	1,900	4,800	4,800	1,000	930	NP	NP
Dibenzo(a,h)anthracene	53-70-3	ppb	104	82	79	33	2,900	310	4,100	300	240	390	330	200	190	Ln	NP
Dibenzofuran	132-64-9	ppb	104	29	28	33	1,600	220	8,900	580	100	830	170	290	300	NP	NP
Diethyl phthalate	84-66-2	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	104	16	15	37	5,100	220	8,900	760	320	1,000	830	420	440	G/Ln	NP
Di-n-Octylphthalate	117-84-0	ppb	96	16	17	47	3,300	220	8,900	690	230	860	430	420	460	G/Ln	NP
Fluoranthene	206-44-0	ppb	104	104	100	210	210,000	--	--	4,300	4,300	21,000	21,000	1,400	1,200	Ln	Ln
Fluorene	86-73-7	ppb	105	68	65	10	1,700	33	8,900	410	160	650	250	180	170	Ln	NP
Hexachlorobenzene	118-74-1	ppb	105	7	7	1.6	5.7	5.2	8,900	560	3.0	840	1.4	110	400	N/G/Ln	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Hexachlorobutadiene	87-68-3	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	74	0	0	--	--	270	28,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	104	101	97	96	6,300	1,200	4,100	710	690	860	850	490	450	Ln	Ln
Isophorone	78-59-1	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	105	75	71	33	1,900	280	8,900	430	180	720	210	220	170	Ln	NP
Nitrobenzene	98-95-3	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	104	0	0	--	--	220	8,900	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	104	3	3	310	560	220	8,900	610	--	780	--	390	400	--	--
Pentachlorophenol	87-86-5	ppb	105	0	0	--	--	9.4	28,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb	104	100	96	71	31,000	940	4,100	1,100	1,100	3,900	3,900	460	410	NP	NP
Phenol	108-95-2	ppb	104	5	5	110	410	220	8,900	620	140	800	50	390	400	G/Ln	NP
Pyrene	129-00-0	ppb	104	104	100	360	150,000	--	--	3,900	3,900	15,000	15,000	1,700	1,500	NP	NP
Total HMW PAHs-SVOC	No CAS	ppb	105	104	99	1,800	470,000	0.0	0.0	18,000	18,000	48,000	48,000	9,400	8,700	NP	NP
Total LMW PAHs-SVOC	No CAS	ppb	105	101	96	150	44,000	940	4,100	2,400	2,400	5,700	5,700	1,200	1,100	Ln	Ln
TOTAL PAHs - SVOC	No CAS	ppb	105	105	100	400	520,000	--	--	20,000	20,000	54,000	54,000	10,000	10,000	NP	NP
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	105	105	100	67	9,700	--	--	1,300	1,300	1,400	1,400	900	930	NP	NP
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb	66	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	ppb	38	0	0	--	--	9.7	29	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	38	0	0	--	--	9.7	29	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb	38	0	0	--	--	9.7	29	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	540-59-0	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb	38	0	0	--	--	9.7	29	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	ppb	38	2	5	9.4	11	9.7	29	9.3	--	2.2	--	9.1	9.5	--	--
2-Butanone	78-93-3	ppb	32	16	50	14	120	14	1,800	56	30	160	25	24	18	G/Ln	NP
2-Hexanone	591-78-6	ppb	67	0	0	--	--	11	1,800	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb	67	0	0	--	--	11	1,800	--	--	--	--	--	--	--	--
Acetone	67-64-1	ppb	66	66	100	8.0	580	--	--	85	85	100	100	55	52	Ln	Ln
Benzene	71-43-2	ppb	67	6	9	1.0	12	6.0	900	14	4.0	54	2.8	6.7	6.8	N/G/Ln	N/Ln
Bromodichloromethane	75-27-4	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Bromomethane	74-83-9	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb	67	44	66	2.0	140	7.0	900	19	12	57	20	8.2	7.0	Ln	NP
Carbon Tetrachloride	56-23-5	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb	105	24	23	3.0	52	6.0	900	14	7.2	44	8.6	8.1	7.5	NP	NP
Chloroethane	75-00-3	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb	67	2	3	2.0	35	6.0	900	14	--	54	--	7.1	7.0	--	--
Methylene Chloride	75-09-2	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
Styrene	100-42-5	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	ppb	67	1	2	7.0	7.0	6.0	900	14	--	54	--	7.1	7.0	--	--
Toluene	108-88-3	ppb	67	5	8	3.0	67	6.0	900	15	4.5	55	8.1	7.1	6.8	G/Ln	N
trans-1,3-Dichloropropene	10061-02-6	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb	67	0	0	--	--	6.0	900	--	--	--	--	--	--	--	--
Xylene (Total)	1330-20-7	ppb	67	3	5	8.0	48	6.0	900	15	--	54	--	7.4	7.0	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	225	31	14	6.2	230	18	26,000	470	33	1,600	35	130	220	G/Ln	NP
2,4,5-TP (Silvex)	93-72-1	ppb	200	36	18	5.5	260	7.9	26,000	540	60	1,700	54	200	260	G	NP
2,4-D	94-75-7	ppb	227	41	18	34	610	70	63,000	1,200	100	3,800	88	380	550	Ln	NP
2,4-DB	94-82-6	ppb	182	23	13	37	940	39	48,000	1,100	120	3,200	110	400	480	Ln	NP
Organotins																	
Dibutyltin	1191-48-6	ppb	166	92	55	0.86	240	1.9	11	7.8	7.9	24	23	3.3	2.5	Ln	NP
Monobutyltin	78763-54-9	ppb	159	1	1	0.87	0.87	1.9	11	1.7	--	0.46	--	1.6	1.7	--	--
Tetrabutyltin	1461-25-2	ppb	166	16	10	1.6	19	1.9	11	2.0	2.1	1.7	1.7	1.8	1.8	G/Ln	N/Ln
Tributyltin	688-73-3	ppb	166	86	52	1.3	650	1.9	11	12	12	57	57	3.4	2.4	NP	NP
PBDEs																	
BDE-1	BDE-1	ppb	12	6	50	0.0043	0.046	0.0029	0.052	0.014	0.013	0.012	0.012	0.0100	0.013	N/G/Ln	N/Ln
BDE-10	BDE-10	ppb	12	0	0	--	--	0.00018	0.0044	--	--	--	--	--	--	--	--
BDE-100	BDE-100	ppb	12	2	17	0.0012	0.0046	0.00083	0.012	0.0021	--	0.0017	--	0.0015	0.0013	--	--
BDE-105	BDE-105	ppb	12	0	0	--	--	0.0015	0.060	--	--	--	--	--	--	--	--
BDE-116	BDE-116	ppb	12	1	8	0.038	0.038	0.00083	0.041	0.0067	--	0.012	--	0.0021	0.0014	--	--
BDE-118	BDE-118	ppb	12	0	0	--	--	0.00078	0.035	--	--	--	--	--	--	--	--
BDE-119	BDE-119	ppb	12	0	0	--	--	0.00033	0.019	--	--	--	--	--	--	--	--
BDE-12/13	BDE-12/13	ppb	12	3	25	0.0024	0.0083	0.000061	0.0031	0.0016	--	0.0024	--	0.00058	0.00075	--	--
BDE-126	BDE-126	ppb	12	0	0	--	--	0.00034	0.018	--	--	--	--	--	--	--	--

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
BDE-138	BDE-138	ppb	12	1	8	0.022	0.022	0.0018	0.087	0.012	--	0.014	--	0.0054	0.0038	--	--
BDE-139	BDE-139	ppb	12	0	0	--	--	0.0024	0.11	--	--	--	--	--	--	--	--
BDE-140	BDE-140	ppb	12	0	0	--	--	0.0024	0.11	--	--	--	--	--	--	--	--
BDE-15	BDE-15	ppb	12	8	67	0.013	0.74	0.0018	0.0075	0.12	0.12	0.23	0.22	0.018	0.022	Ln	G/Ln
BDE-153	BDE-153	ppb	12	3	25	0.0095	0.31	0.0013	0.065	0.035	--	0.088	--	0.0068	0.0066	--	--
BDE-154	BDE-154	ppb	12	4	33	0.00072	0.031	0.00073	0.046	0.0087	--	0.0100	--	0.0037	0.0046	--	--
BDE-155	BDE-155	ppb	12	0	0	--	--	0.00068	0.043	--	--	--	--	--	--	--	--
BDE-156/169	BDE-156/169	ppb	12	0	0	--	--	0.0031	0.16	--	--	--	--	--	--	--	--
BDE-166	BDE-166	ppb	12	0	0	--	--	0.0028	0.14	--	--	--	--	--	--	--	--
BDE-17	BDE-17	ppb	12	3	25	0.00092	0.0060	0.00061	0.010	0.0015	--	0.0020	--	0.00080	0.00049	--	--
BDE-179	BDE-179	ppb	12	1	8	0.048	0.048	0.0024	0.11	0.020	--	0.021	--	0.0096	0.0083	--	--
BDE-181	BDE-181	ppb	12	0	0	--	--	0.0021	0.076	--	--	--	--	--	--	--	--
BDE-183/176	BDE-183/176	ppb	12	4	33	0.0075	1.5	0.0020	0.049	0.15	--	0.43	--	0.016	0.011	--	--
BDE-188	BDE-188	ppb	12	0	0	--	--	0.0016	0.064	--	--	--	--	--	--	--	--
BDE-190	BDE-190	ppb	12	1	8	0.19	0.19	0.0030	0.12	0.032	--	0.054	--	0.011	0.0063	--	--
BDE-191	BDE-191	ppb	12	1	8	0.020	0.020	0.0034	0.15	0.023	--	0.027	--	0.011	0.011	--	--
BDE-196	BDE-196	ppb	12	3	25	0.33	1.9	0.012	0.30	0.29	--	0.57	--	0.059	0.036	--	--
BDE-197	BDE-197	ppb	12	3	25	0.063	0.43	0.0019	0.046	0.056	--	0.12	--	0.0094	0.0054	--	--
BDE-2	BDE-2	ppb	12	5	42	0.015	0.065	0.00070	0.037	0.019	0.024	0.020	0.016	0.0091	0.014	N/G/Ln	N/Ln
BDE-202	BDE-202	ppb	12	1	8	0.028	0.028	0.0100	0.28	0.036	--	0.045	--	0.020	0.019	--	--
BDE-203	BDE-203	ppb	12	3	25	0.048	0.18	0.0038	0.098	0.041	--	0.057	--	0.015	0.012	--	--
BDE-205	BDE-205	ppb	12	0	0	--	--	0.028	0.78	--	--	--	--	--	--	--	--
BDE-207	BDE-207	ppb	10	3	30	0.23	0.54	0.017	0.32	0.16	--	0.21	--	0.058	0.047	--	--
BDE-208	BDE-208	ppb	10	3	30	0.083	0.093	0.021	0.35	0.060	--	0.053	--	0.040	0.052	--	--
BDE-209	BDE-209	ppb	9	6	67	0.50	5.2	0.12	0.71	2.0	2.2	2.2	2.0	0.82	1.2	N/G/Ln	N/G/Ln
BDE-25	BDE-25	ppb	12	4	33	0.0034	0.011	0.0010	0.0024	0.0025	--	0.0033	--	0.0014	0.00091	--	--
BDE-28/33	BDE-28/33	ppb	12	6	50	0.0034	0.025	0.0011	0.0026	0.0053	0.0065	0.0072	0.0062	0.0025	0.0024	G/Ln	NP
BDE-3	BDE-3	ppb	12	8	67	0.017	0.36	0.014	0.032	0.066	0.068	0.10	0.096	0.031	0.025	G/Ln	N/G/Ln
BDE-30	BDE-30	ppb	12	0	0	--	--	0.00038	0.0018	--	--	--	--	--	--	--	--
BDE-32	BDE-32	ppb	12	2	17	0.0054	0.0056	0.00075	0.0030	0.0014	--	0.0019	--	0.00084	0.00053	--	--
BDE-35	BDE-35	ppb	12	1	8	0.0017	0.0017	0.00070	0.048	0.0034	--	0.0068	--	0.0011	0.00045	--	--
BDE-37	BDE-37	ppb	12	0	0	--	--	0.00033	0.0016	--	--	--	--	--	--	--	--
BDE-47	BDE-47	ppb	12	0	0	--	--	0.0040	0.018	--	--	--	--	--	--	--	--
BDE-49	BDE-49	ppb	12	5	42	0.00076	0.017	0.00033	0.0084	0.0041	0.0039	0.0050	0.0049	0.0017	0.0020	N/G/Ln	N
BDE-66	BDE-66	ppb	12	0	0	--	--	0.00042	0.0067	--	--	--	--	--	--	--	--
BDE-7	BDE-7	ppb	12	5	42	0.0070	0.019	0.00028	0.0049	0.0063	0.0098	0.0073	0.0044	0.0020	0.0022	N/G/Ln	NP
BDE-71	BDE-71	ppb	12	0	0	--	--	0.00022	0.0048	--	--	--	--	--	--	--	--
BDE-75	BDE-75	ppb	12	1	8	0.0041	0.0041	0.00017	0.0030	0.00076	--	0.0011	--	0.00038	0.00035	--	--
BDE-77	BDE-77	ppb	12	0	0	--	--	0.00021	0.0038	--	--	--	--	--	--	--	--

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Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
BDE-8/11	BDE-8/11	ppb	12	8	67	0.0069	0.062	0.00042	0.0075	0.017	0.019	0.019	0.016	0.0076	0.014	N/G/Ln	N/Ln
BDE-85	BDE-85	ppb	12	0	0	--	--	0.00044	0.023	--	--	--	--	--	--	--	--
BDE-99	BDE-99	ppb	12	2	17	0.014	0.018	0.0021	0.019	0.0063	--	0.0051	--	0.0047	0.0048	--	--
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb	231	0	0	--	--	39	2,200	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	231	0	0	--	--	39	2,200	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	231	0	0	--	--	39	2,200	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	231	66	29	66	5,200	39	2,200	370	350	700	700	150	110	NP	NP
Aroclor-1248	12672-29-6	ppb	231	94	41	26	10,000	39	1,100	450	430	1,100	1,100	130	90	Ln	NP
Aroclor-1254	11097-69-1	ppb	231	165	71	8.2	4,300	39	1,100	550	550	750	750	240	230	NP	Ln
Aroclor-1260	11096-82-5	ppb	231	155	67	21	1,100	39	1,400	200	190	210	210	130	120	Ln	Ln
Aroclor-1262	37324-23-5	ppb	231	0	0	--	--	39	2,200	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	231	14	6	8.9	170	39	2,200	100	32	120	28	70	75	N/G/Ln	NP
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb	231	167	72	8.2	15,000	39	1,100	1,400	1,400	2,200	2,200	460	590	NP	NP
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb	231	175	76	8.2	15,000	39	1,100	1,400	1,400	2,200	2,200	460	590	NP	NP
PCNs																	
PCN-1	PCN-1	ppt	13	13	100	220	2,900	--	--	1,100	1,100	810	810	840	800	N/G/Ln	N/G/Ln
PCN-10	PCN-10	ppt	13	8	62	43	96	38	70	49	56	27	20	42	44	NP	NP
PCN-12	PCN-12	ppt	13	13	100	200	1,900	--	--	940	940	510	510	780	1,000	N/G/Ln	N/G/Ln
PCN-13	PCN-13	ppt	13	8	62	29	100	9.9	49	38	46	29	21	25	40	N/G/Ln	N/Ln
PCN-2	PCN-2	ppt	13	13	100	130	930	--	--	440	440	270	270	370	360	N/G/Ln	N/G/Ln
PCN-27	PCN-27	ppt	13	12	92	32	160	49	49	89	90	41	38	79	83	N/G/Ln	N/G/Ln
PCN-28/36	PCN-28/36	ppt	13	12	92	130	910	99	99	410	420	240	220	330	450	N/G/Ln	N/Ln
PCN-3	PCN-3	ppt	13	12	92	29	230	49	49	120	120	61	58	98	98	N/G/Ln	N/G/Ln
PCN-31	PCN-31	ppt	13	13	100	130	810	--	--	470	470	210	210	420	440	N/G/Ln	N/G/Ln
PCN-42	PCN-42	ppt	13	13	100	40	2,500	--	--	1,100	1,100	770	770	730	1,100	N/G	N/G
PCN-46	PCN-46	ppt	13	7	54	46	630	9.9	100	94	110	170	150	40	49	Ln	Ln
PCN-48	PCN-48	ppt	13	4	31	11	100	9.9	50	23	--	27	--	14	11	--	--
PCN-49	PCN-49	ppt	13	8	62	26	92	9.9	49	44	50	33	25	28	52	N/G/Ln	NP
PCN-5	PCN-5	ppt	13	13	100	370	5,100	--	--	2,000	2,000	1,600	1,600	1,500	1,200	N/G/Ln	N/G/Ln
PCN-50	PCN-50	ppt	13	12	92	59	620	49	49	250	250	150	140	200	250	N/G/Ln	N/Ln
PCN-52	PCN-52	ppt	13	13	100	200	1,500	--	--	930	930	420	420	800	1,100	N/G	N/G
PCN-53	PCN-53	ppt	13	12	92	16	980	10.0	10.0	240	240	340	320	78	46	Ln	N/G/Ln
PCN-54	PCN-54	ppt	13	7	54	300	1,100	9.9	50	420	560	440	300	100	300	N/G/Ln	N
PCN-6	PCN-6	ppt	13	13	100	190	2,500	--	--	1,100	1,100	700	700	830	900	N/G/Ln	N/G/Ln
PCN-66/67	PCN-66/67	ppt	13	13	100	78	830	--	--	360	360	230	230	280	320	N/G/Ln	N/G/Ln
PCN-68	PCN-68	ppt	13	13	100	110	660	--	--	380	380	190	190	330	450	N/G/Ln	N/G/Ln
PCN-69	PCN-69	ppt	13	13	100	190	1,100	--	--	610	610	280	280	540	720	N/G/Ln	N/G/Ln
PCN-70	PCN-70	ppt	13	7	54	16	240	9.9	50	45	47	70	66	21	18	G/Ln	N/Ln

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCN-71/72	PCN-71/72	ppt	13	13	100	210	1,600	--	--	780	780	400	400	680	900	N/G/Ln	N/G/Ln
PCN-73	PCN-73	ppt	13	13	100	150	4,300	--	--	920	920	1,100	1,100	570	770	G/Ln	G/Ln
PCN-74	PCN-74	ppt	13	13	100	92	1,700	--	--	540	540	450	450	390	420	G/Ln	G/Ln
PCN-75	PCN-75	ppt	13	12	92	17	660	49	49	160	160	200	200	83	87	G/Ln	Ln
PCN-9	PCN-9	ppt	13	7	54	21	81	9.8	100	34	36	21	17	26	29	N/G/Ln	N/Ln
Pesticides																	
2,4'-DDD	53-19-0	ppb	62	27	44	3.5	55	5.3	9.2	7.2	7.8	8.8	8.4	5.3	4.0	G	NP
2,4'-DDE	3424-82-6	ppb	61	48	79	3.1	170	5.3	8.0	24	24	33	32	14	15	Ln	Ln
2,4'-DDT	789-02-6	ppb	62	9	15	1.6	15	5.3	9.4	3.9	3.4	1.6	2.0	3.7	3.8	G/Ln	Ln
4,4'-DDD	72-54-8	ppb	231	76	33	1.2	450	3.9	220	24	18	45	45	12	11	Ln	NP
4,4'-DDE	72-55-9	ppb	231	163	71	1.0	730	3.9	240	55	54	82	83	26	29	G/Ln	NP
4,4'-DDT	50-29-3	ppb	219	61	28	0.55	1,900	3.9	220	43	35	160	160	12	10	NP	NP
Aldrin	309-00-2	ppb	228	6	3	3.8	15	2.0	220	8.5	4.0	12	1.0	5.0	4.6	N/G/Ln	NP
Alpha-BHC	319-84-6	ppb	231	39	17	0.39	15	2.0	220	7.7	1.8	12	1.9	4.2	4.1	Ln	NP
Alpha-Chlordane	5103-71-9	ppb	231	34	15	0.60	16	2.0	220	8.6	2.4	12	2.2	5.0	4.7	G/Ln	NP
Beta-BHC	319-85-7	ppb	223	30	14	0.37	34	2.0	220	8.5	2.3	12	3.4	4.8	4.5	G/Ln	NP
Delta-BHC	319-86-8	ppb	229	14	6	1.5	32	2.0	220	8.4	2.3	12	2.6	4.8	4.4	G/Ln	NP
Dieldrin	60-57-1	ppb	230	34	15	1.1	28	3.5	430	18	6.0	22	5.9	11	10	N/G	NP
Endosulfan I	959-98-8	ppb	231	2	1	0.65	1.1	2.0	220	8.3	--	12	--	4.7	4.4	--	--
Endosulfan II	33213-65-9	ppb	231	6	3	1.1	10	3.9	430	16	2.0	23	1.4	9.2	8.5	N/G/Ln	NP
Endosulfan Sulfate	1031-07-8	ppb	230	17	7	0.70	25	3.9	430	16	4.0	23	3.0	9.4	8.5	G/Ln	NP
Endrin	72-20-8	ppb	231	8	4	1.2	6.4	3.9	430	16	2.4	23	1.1	9.0	8.5	G/Ln	NP
Endrin Aldehyde	7421-93-4	ppb	230	26	11	2.3	18	3.9	430	16	5.0	23	2.8	9.8	8.9	G/Ln	NP
Endrin Ketone	53494-70-5	ppb	231	6	3	1.8	16	3.9	430	16	3.2	23	1.9	9.3	8.5	N/G/Ln	NP
Gamma-BHC (Lindane)	58-89-9	ppb	231	12	5	0.87	7.5	2.0	220	8.1	1.9	12	1.3	4.7	4.3	N/G/Ln	NP
Gamma-Chlordane	5566-34-7	ppb	217	31	14	1.4	18	2.0	220	9.4	3.3	12	2.9	5.9	5.5	G/Ln	NP
Heptachlor	76-44-8	ppb	226	26	12	0.93	70	2.0	220	9.3	3.1	13	6.0	5.4	5.0	G/Ln	NP
Heptachlor Epoxide	1024-57-3	ppb	211	38	18	0.37	65	2.0	220	10	4.3	13	7.5	6.3	5.5	G/Ln	NP
Methoxychlor	72-43-5	ppb	230	13	6	7.9	980	20	2,200	84	16	130	64	45	43	NP	NP
Total Alpha + Gamma Chlordane	No CAS	ppb	231	49	21	0.60	34	2.0	220	9.5	3.9	12	4.3	5.9	5.5	G/Ln	NP
Total DDT (2,4 & 4,4)	No CAS	ppb	63	61	97	1.7	870	5.3	5.9	120	120	160	160	63	72	NP	Ln
Total DDT (2,4)	No CAS	ppb	63	49	78	3.1	230	5.3	8.0	29	29	41	41	16	18	Ln	Ln
Total DDT (4,4)	No CAS	ppb	231	175	76	0.55	2,800	3.9	240	98	96	250	250	31	38	NP	NP
Toxaphene	8001-35-2	ppb	231	0	0	--	--	200	22,000	--	--	--	--	--	--	--	--

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb	63	0	0	--	--	300	1,900	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	168	10	6	71	260	200	9,800	780	110	920	37	470	490	NP	NP
1,2-Dichlorobenzene	95-50-1	ppb	168	3	2	98	120	200	9,800	830	--	940	--	520	500	--	--
1,3-Dichlorobenzene	541-73-1	ppb	168	3	2	82	85	200	8,200	800	--	880	--	510	500	--	--
1,4-Dichlorobenzene	106-46-7	ppb	168	45	27	48	720	200	7,400	540	170	650	120	340	370	Ln	NP
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb	63	0	0	--	--	300	1,900	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	229	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	231	1	0	230	230	200	9,800	690	--	830	--	440	440	--	--
2,4-Dinitrophenol	51-28-5	ppb	231	0	0	--	--	580	49,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	231	124	54	37	2,000	200	9,800	460	210	670	260	260	250	NP	NP
2-Methylphenol	95-48-7	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	231	0	0	--	--	300	19,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	231	0	0	--	--	380	19,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	231	0	0	--	--	580	30,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	231	71	31	45	1,500	200	9,800	570	240	750	210	360	370	G/Ln	NP
4-Chlorophenyl phenyl ether	7005-72-3	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	231	5	2	50	130	200	9,800	690	89	840	26	440	440	N/G/Ln	NP
4-Nitroaniline	100-01-6	ppb	231	0	0	--	--	380	19,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	231	0	0	--	--	580	30,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	231	124	54	23	21,000	200	9,800	660	410	1,600	1,500	300	350	NP	NP
Acenaphthylene	208-96-8	ppb	231	172	75	50	3,700	200	6,000	480	400	590	530	290	280	Ln	NP
Acetophenone	98-86-2	ppb	63	6	10	53	170	300	1,900	300	110	200	40	250	210	N/G/Ln	NP
Anthracene	120-12-7	ppb	231	182	79	49	33,000	200	6,000	1,300	1,200	2,600	2,600	610	500	NP	NP
Atrazine	1912-24-9	ppb	63	0	0	--	--	300	1,900	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb	63	21	33	44	230	36	1,900	260	86	220	45	190	190	G/Ln	NP
Benzo(a)anthracene	56-55-3	ppb	231	197	85	62	34,000	200	3,300	1,900	1,900	3,000	3,000	930	950	NP	Ln
Benzo(a)pyrene	50-32-8	ppb	231	198	86	50	28,000	200	3,300	1,800	1,800	2,600	2,600	1,000	1,100	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Benzo(b)fluoranthene	205-99-2	ppb	231	197	85	70	22,000	200	3,300	1,900	1,900	2,300	2,300	1,100	1,300	NP	NP
Benzo(g,h,i)perylene	191-24-2	ppb	231	193	84	57	5,200	200	3,300	840	830	860	860	540	500	Ln	NP
Benzo(k)fluoranthene	207-08-9	ppb	231	193	84	60	20,000	200	3,300	1,200	1,200	1,800	1,800	710	770	Ln	Ln
Biphenyl	92-52-4	ppb	63	8	13	50	410	230	1,900	300	140	200	84	250	200	N/G/Ln	NP
bis(2-Chloroethoxy)methane	111-91-1	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	231	177	77	140	540,000	320	12,000	24,000	24,000	55,000	55,000	4,800	4,800	Ln	NP
Butyl benzyl phthalate	85-68-7	ppb	231	40	17	46	2,800	200	9,800	660	140	840	200	380	410	NP	NP
Caprolactam	105-60-2	ppb	63	0	0	--	--	300	1,900	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb	231	67	29	35	1,600	200	9,800	560	160	720	210	320	360	NP	NP
Chrysene	218-01-9	ppb	231	197	85	58	34,000	200	3,300	2,000	2,000	3,100	3,100	1,000	1,100	Ln	Ln
Dibenzo(a,h)anthracene	53-70-3	ppb	231	147	64	37	1,800	200	6,100	410	280	470	280	270	270	Ln	NP
Dibenzofuran	132-64-9	ppb	231	62	27	33	1,100	200	9,800	590	160	790	170	340	360	NP	NP
Diethyl phthalate	84-66-2	ppb	231	1	0	510	510	200	9,800	690	--	830	--	440	440	--	--
Dimethylphthalate	131-11-3	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	231	38	17	31	1,800	200	9,800	680	200	830	280	410	430	Ln	NP
Di-n-Octylphthalate	117-84-0	ppb	224	58	26	74	14,000	200	10,000	980	540	1,400	1,100	560	510	Ln	NP
Fluoranthene	206-44-0	ppb	231	195	84	75	68,000	200	5,600	3,600	3,600	6,200	6,200	1,600	1,900	Ln	NP
Fluorene	86-73-7	ppb	231	141	61	12	2,000	200	9,800	470	290	610	350	260	300	NP	NP
Hexachlorobenzene	118-74-1	ppb	231	21	9	2.3	98	5.8	9,800	610	8.8	870	14	180	380	G/Ln	NP
Hexachlorobutadiene	87-68-3	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	176	0	0	--	--	330	30,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	231	192	83	52	4,600	200	6,000	740	730	750	740	500	450	Ln	NP
Isophorone	78-59-1	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	231	154	67	53	2,400	200	6,100	420	290	500	320	270	280	NP	NP
Nitrobenzene	98-95-3	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	231	0	0	--	--	200	9,800	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	231	23	10	53	5,000	200	9,800	690	200	870	400	420	410	Ln	NP
Pentachlorophenol	87-86-5	ppb	231	2	1	9.0	19	12	30,000	1,900	--	2,700	--	540	1,200	--	--
Phenanthrene	85-01-8	ppb	231	185	80	61	39,000	200	6,000	1,300	1,200	3,000	3,000	560	430	NP	NP
Phenol	108-95-2	ppb	231	16	7	37	26,000	200	8,200	840	330	2,200	2,100	420	410	NP	NP
Pyrene	129-00-0	ppb	231	198	86	57	63,000	200	4,000	3,600	3,600	5,500	5,500	1,700	2,000	NP	NP
Total HMW PAHs-SVOC	No CAS	ppb	231	200	87	50	280,000	200	3,300	17,000	17,000	26,000	26,000	6,800	11,000	NP	NP
Total LMW PAHs-SVOC	No CAS	ppb	231	192	83	49	99,000	200	3,300	3,600	3,600	7,800	7,800	1,400	1,400	NP	Ln
TOTAL PAHs - SVOC	No CAS	ppb	231	202	87	57	380,000	200	3,300	21,000	21,000	33,000	33,000	7,800	12,000	NP	NP
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	229	225	98	4.8	19,000	32	52	2,400	2,400	2,900	2,900	910	1,500	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	ppb	63	0	0	--	--	9.6	1,700	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	63	0	0	--	--	9.6	1,700	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb	63	3	5	7.4	13	9.6	1,700	76	--	200	--	14	8.5	--	--
1,2-Dichloroethane	107-06-2	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	540-59-0	ppb	168	1	1	4.0	4.0	5.0	1,100	16	--	62	--	6.8	6.6	--	--
1,2-Dichloropropane	78-87-5	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb	63	7	11	6.4	22	9.6	1,700	76	9.3	200	2.6	14	8.5	N/G/Ln	N/Ln
1,4-Dichlorobenzene	106-46-7	ppb	63	15	24	6.0	540	9.6	1,300	68	26	170	82	14	8.5	NP	NP
2-Butanone	78-93-3	ppb	84	47	56	7.0	62	11	2,100	55	18	170	11	18	16	Ln	NP
2-Hexanone	591-78-6	ppb	168	0	0	--	--	10	2,100	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb	168	0	0	--	--	10	2,100	--	--	--	--	--	--	--	--
Acetone	67-64-1	ppb	163	162	99	5.0	280	11	11	70	70	59	59	48	62	G	NP
Benzene	71-43-2	ppb	168	51	30	0.60	210	5.0	1,100	22	12	65	35	6.4	6.0	NP	NP
Bromodichloromethane	75-27-4	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb	168	107	64	2.0	330	5.0	700	18	13	47	29	8.2	7.0	Ln	NP
Carbon Tetrachloride	56-23-5	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb	231	31	13	3.0	43	5.0	1,200	22	5.8	82	4.8	7.6	7.0	G/Ln	Ln
Chloroethane	75-00-3	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb	168	8	5	4.0	140	5.0	1,100	17	5.4	63	11	6.9	6.5	G/Ln	N/Ln
Methylene Chloride	75-09-2	ppb	168	1	1	3.0	3.0	5.0	1,100	16	--	62	--	6.8	6.8	--	--
Styrene	100-42-5	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb	168	30	18	2.0	44	5.0	1,100	16	5.4	62	4.8	6.5	6.0	NP	Ln
trans-1,3-Dichloropropene	10061-02-6	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb	168	0	0	--	--	5.0	1,100	--	--	--	--	--	--	--	--
Xylene (Total)	1330-20-7	ppb	168	39	23	2.0	1,300	5.0	720	38	30	140	140	8.3	6.5	NP	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Subsurface (>3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	198	69	35	2.2	280	11	24,000	240	22	1,200	30	26	15	Ln	NP
2,4,5-TP (Silvex)	93-72-1	ppb	162	81	50	2.6	410	5.4	24,000	300	43	1,300	57	35	44	G/Ln	NP
2,4-D	94-75-7	ppb	209	89	43	10	600	43	57,000	590	91	2,800	100	96	62	G/Ln	NP
2,4-DB	94-82-6	ppb	129	45	35	15	2,500	22	43,000	770	180	2,700	320	110	120	G/Ln	NP
Organotins																	
Dibutyltin	1191-48-6	ppb	38	19	50	2.1	77	1.9	4.0	7.1	7.5	14	13	3.2	2.0	G/Ln	Ln
Monobutyltin	78763-54-9	ppb	30	2	7	0.69	1.1	1.9	4.4	1.6	--	0.41	--	1.5	1.8	--	--
Tetrabutyltin	1461-25-2	ppb	38	11	29	2.3	24	1.9	4.3	2.8	3.4	3.9	3.7	2.0	1.8	G	NP
Tributyltin	688-73-3	ppb	38	19	50	1.5	96	1.9	4.0	8.5	8.7	17	17	3.4	1.9	Ln	Ln
PBDEs																	
BDE-1	BDE-1	ppb	32	16	50	0.0021	0.11	0.00093	0.021	0.012	0.012	0.024	0.023	0.0051	0.0040	G/Ln	NP
BDE-10	BDE-10	ppb	32	0	0	--	--	0.00013	0.0040	--	--	--	--	--	--	--	--
BDE-100	BDE-100	ppb	32	11	34	0.00058	0.0076	0.00037	0.0094	0.0021	0.0017	0.0022	0.0021	0.0012	0.00072	N/G/Ln	NP
BDE-105	BDE-105	ppb	32	0	0	--	--	0.00093	0.043	--	--	--	--	--	--	--	--
BDE-116	BDE-116	ppb	32	1	3	0.0051	0.0051	0.00051	0.025	0.0022	--	0.0027	--	0.0013	0.0011	--	--
BDE-118	BDE-118	ppb	32	1	3	0.0080	0.0080	0.00043	0.021	0.0020	--	0.0025	--	0.0012	0.00098	--	--
BDE-119	BDE-119	ppb	32	3	9	0.0025	0.044	0.00023	0.015	0.0029	--	0.0080	--	0.00082	0.00056	--	--
BDE-12/13	BDE-12/13	ppb	32	9	28	0.0016	0.019	0.00014	0.0052	0.0027	0.0035	0.0050	0.0046	0.00065	0.00043	N/G/Ln	NP
BDE-126	BDE-126	ppb	32	0	0	--	--	0.00022	0.011	--	--	--	--	--	--	--	--
BDE-138	BDE-138	ppb	32	1	3	0.0075	0.0075	0.0011	0.076	0.0085	--	0.0093	--	0.0050	0.0059	--	--
BDE-139	BDE-139	ppb	32	0	0	--	--	0.0013	0.099	--	--	--	--	--	--	--	--
BDE-140	BDE-140	ppb	32	0	0	--	--	0.0014	0.11	--	--	--	--	--	--	--	--
BDE-15	BDE-15	ppb	32	24	75	0.011	1.9	0.00026	0.0022	0.29	0.29	0.50	0.49	0.033	0.062	G/Ln	NP
BDE-153	BDE-153	ppb	32	7	22	0.0073	0.088	0.00083	0.065	0.014	0.015	0.021	0.019	0.0059	0.0065	G/Ln	NP
BDE-154	BDE-154	ppb	32	8	25	0.0068	0.046	0.00046	0.045	0.0084	0.010	0.011	0.0093	0.0038	0.0046	G/Ln	NP
BDE-155	BDE-155	ppb	32	3	9	0.0029	0.0097	0.00042	0.038	0.0038	--	0.0046	--	0.0021	0.0027	--	--
BDE-156/169	BDE-156/169	ppb	32	0	0	--	--	0.0020	0.13	--	--	--	--	--	--	--	--
BDE-166	BDE-166	ppb	32	0	0	--	--	0.0017	0.12	--	--	--	--	--	--	--	--
BDE-17	BDE-17	ppb	32	6	19	0.0014	0.0090	0.00025	0.0054	0.0014	0.0020	0.0019	0.0016	0.00070	0.00075	N/G/Ln	NP
BDE-179	BDE-179	ppb	32	7	22	0.019	0.18	0.0037	0.071	0.025	0.034	0.045	0.040	0.0098	0.0077	N/G/Ln	NP
BDE-181	BDE-181	ppb	32	0	0	--	--	0.0030	0.050	--	--	--	--	--	--	--	--
BDE-183/176	BDE-183/176	ppb	32	16	50	0.0017	0.74	0.0023	0.032	0.073	0.073	0.16	0.16	0.012	0.0061	G/Ln	NP
BDE-188	BDE-188	ppb	32	1	3	0.0091	0.0091	0.0025	0.042	0.0050	--	0.0043	--	0.0038	0.0039	--	--
BDE-190	BDE-190	ppb	32	2	6	0.015	0.044	0.0046	0.077	0.0098	--	0.010	--	0.0069	0.0065	--	--
BDE-191	BDE-191	ppb	32	4	13	0.054	0.14	0.0053	0.098	0.020	--	0.030	--	0.010	0.0083	--	--
BDE-196	BDE-196	ppb	32	9	28	0.15	9.7	0.0076	0.38	0.53	0.62	1.8	1.7	0.041	0.015	G/Ln	NP
BDE-197	BDE-197	ppb	32	10	31	0.033	1.5	0.0015	0.022	0.082	0.10	0.27	0.26	0.0068	0.0027	Ln	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
BDE-2	BDE-2	ppb	32	10	31	0.013	0.21	0.00058	0.077	0.019	0.026	0.041	0.037	0.0046	0.0027	Ln	NP
BDE-202	BDE-202	ppb	32	5	16	0.061	0.095	0.0046	0.13	0.025	0.064	0.029	0.0094	0.014	0.011	N/G/Ln	NP
BDE-203	BDE-203	ppb	32	8	25	0.024	1.3	0.0023	0.077	0.076	0.088	0.24	0.23	0.0100	0.0049	G/Ln	NP
BDE-205	BDE-205	ppb	32	0	0	--	--	0.017	0.37	--	--	--	--	--	--	--	--
BDE-207	BDE-207	ppb	28	9	32	0.11	5.8	0.0081	0.23	0.37	0.42	1.1	1.1	0.055	0.032	G/Ln	NP
BDE-208	BDE-208	ppb	28	5	18	0.067	0.50	0.0098	0.26	0.065	0.092	0.099	0.085	0.035	0.029	N/G/Ln	NP
BDE-209	BDE-209	ppb	23	11	48	0.25	19	0.038	0.30	3.2	3.3	5.4	5.2	0.42	0.15	N/G/Ln	NP
BDE-25	BDE-25	ppb	32	7	22	0.0025	0.016	0.00042	0.0050	0.0031	0.0044	0.0049	0.0042	0.0012	0.0011	N/G	NP
BDE-28/33	BDE-28/33	ppb	32	21	66	0.0031	0.098	0.00037	0.0029	0.013	0.014	0.022	0.021	0.0040	0.0053	G/Ln	NP
BDE-3	BDE-3	ppb	32	25	78	0.0067	1.3	0.0023	0.0090	0.16	0.16	0.31	0.31	0.034	0.038	Ln	Ln
BDE-30	BDE-30	ppb	32	0	0	--	--	0.00026	0.0034	--	--	--	--	--	--	--	--
BDE-32	BDE-32	ppb	32	9	28	0.0032	0.029	0.00032	0.0054	0.0036	0.0054	0.0070	0.0062	0.0011	0.00091	Ln	NP
BDE-35	BDE-35	ppb	32	0	0	--	--	0.00012	0.080	--	--	--	--	--	--	--	--
BDE-37	BDE-37	ppb	32	0	0	--	--	0.00023	0.0028	--	--	--	--	--	--	--	--
BDE-47	BDE-47	ppb	32	4	13	0.026	0.036	0.00055	0.022	0.0072	--	0.0096	--	0.0039	0.0030	--	--
BDE-49	BDE-49	ppb	32	10	31	0.0091	0.050	0.00013	0.0038	0.0089	0.015	0.015	0.011	0.0011	0.00039	N/G/Ln	NP
BDE-66	BDE-66	ppb	32	4	13	0.0014	0.0024	0.00019	0.0055	0.00078	--	0.00069	--	0.00055	0.00052	--	--
BDE-7	BDE-7	ppb	32	10	31	0.0054	0.029	0.00023	0.0075	0.0042	0.0074	0.0066	0.0049	0.0012	0.00082	G/Ln	NP
BDE-71	BDE-71	ppb	32	4	13	0.00093	0.0032	0.00014	0.0040	0.00065	--	0.00071	--	0.00042	0.00039	--	--
BDE-75	BDE-75	ppb	32	3	9	0.0024	0.0079	0.000034	0.0025	0.00076	--	0.0017	--	0.00026	0.00019	--	--
BDE-77	BDE-77	ppb	32	0	0	--	--	0.00011	0.0032	--	--	--	--	--	--	--	--
BDE-8/11	BDE-8/11	ppb	32	24	75	0.0051	0.27	0.00018	0.00049	0.042	0.043	0.068	0.066	0.0080	0.014	Ln	NP
BDE-85	BDE-85	ppb	32	0	0	--	--	0.00029	0.014	--	--	--	--	--	--	--	--
BDE-99	BDE-99	ppb	32	5	16	0.013	0.025	0.00090	0.052	0.0071	0.014	0.0078	0.0031	0.0041	0.0032	N/G/Ln	NP
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb	216	0	0	--	--	35	2,100	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	216	0	0	--	--	35	2,100	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	216	0	0	--	--	35	2,100	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	216	86	40	9.9	10,000	35	2,100	620	590	1,300	1,400	120	70	G/Ln	NP
Aroclor-1248	12672-29-6	ppb	216	16	7	74	8,100	35	2,100	250	270	970	960	46	35	N/G/Ln	NP
Aroclor-1254	11097-69-1	ppb	214	121	57	9.1	7,500	35	280	700	690	1,200	1,200	160	100	G/Ln	NP
Aroclor-1260	11096-82-5	ppb	216	121	56	6.7	2,500	35	240	230	230	330	330	100	94	G/Ln	NP
Aroclor-1262	37324-23-5	ppb	216	0	0	--	--	35	2,100	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	216	33	15	10	220	35	2,100	76	36	130	36	45	36	N/G/Ln	NP
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb	216	130	60	15	18,000	35	240	1,700	1,700	3,000	3,000	260	200	G/Ln	NP
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb	216	139	64	10	18,000	35	200	1,700	1,700	3,000	3,000	280	310	Ln	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCNs																	
PCN-1	PCN-1	ppt	38	38	100	14	83,000	--	--	7,200	7,200	15,000	15,000	1,700	2,200	G	G
PCN-10	PCN-10	ppt	38	19	50	12	340	9.9	130	82	78	79	82	51	55	N/G/Ln	NP
PCN-12	PCN-12	ppt	38	34	90	150	4,800	9.9	10	1,600	1,600	1,200	1,200	780	1,400	G/Ln	N/Ln
PCN-13	PCN-13	ppt	38	22	58	25	1,000	9.8	100	83	87	160	160	36	42	G/Ln	Ln
PCN-2	PCN-2	ppt	38	36	95	12	8,400	10.0	10.0	970	970	1,400	1,400	440	690	G	NP
PCN-27	PCN-27	ppt	38	33	87	19	8,100	9.9	50	420	420	1,300	1,300	120	130	Ln	Ln
PCN-28/36	PCN-28/36	ppt	38	31	82	44	2,100	20	100	780	780	680	660	330	660	G	N
PCN-3	PCN-3	ppt	38	33	87	28	2,700	9.9	100	400	400	560	550	150	170	G/Ln	Ln
PCN-31	PCN-31	ppt	38	34	90	76	48,000	9.9	10	2,300	2,400	7,700	7,600	480	610	Ln	Ln
PCN-42	PCN-42	ppt	38	33	87	72	31,000	9.9	50	2,600	2,600	5,000	4,900	800	1,600	Ln	Ln
PCN-46	PCN-46	ppt	38	8	21	20	300	9.8	100	45	43	62	60	22	25	N/G/Ln	NP
PCN-48	PCN-48	ppt	38	12	32	12	33,000	9.8	100	900	900	5,300	5,200	26	25	NP	NP
PCN-49	PCN-49	ppt	38	28	74	20	670	9.9	100	100	110	130	120	50	58	G/Ln	Ln
PCN-5	PCN-5	ppt	38	37	97	11	40,000	13	13	7,000	7,000	8,300	8,100	2,300	5,600	G	NP
PCN-50	PCN-50	ppt	38	32	84	10	1,700	9.9	10	440	440	380	370	190	390	G	N
PCN-52	PCN-52	ppt	38	32	84	45	32,000	9.9	10	2,300	2,400	5,000	5,000	620	1,500	NP	Ln
PCN-53	PCN-53	ppt	38	27	71	32	4,600	9.8	100	550	560	930	920	110	85	G/Ln	NP
PCN-54	PCN-54	ppt	38	22	58	11	26,000	9.8	100	1,200	1,200	4,200	4,100	93	50	G/Ln	NP
PCN-6	PCN-6	ppt	38	34	90	260	7,500	9.9	10	2,300	2,400	2,100	2,000	1,000	1,900	G/Ln	N
PCN-66/67	PCN-66/67	ppt	38	32	84	13	6,400	20	100	780	770	1,100	1,100	300	530	G/Ln	Ln
PCN-68	PCN-68	ppt	38	31	82	14	3,900	9.9	50	710	710	790	780	260	600	G	NP
PCN-69	PCN-69	ppt	38	33	87	21	9,500	9.9	10	1,200	1,200	1,600	1,600	440	880	G	Ln
PCN-70	PCN-70	ppt	38	14	37	14	980	9.8	100	84	82	210	210	24	25	NP	NP
PCN-71/72	PCN-71/72	ppt	38	32	84	29	6,600	20	20	1,400	1,400	1,400	1,400	520	1,100	G	N/Ln
PCN-73	PCN-73	ppt	38	33	87	41	18,000	9.9	50	2,000	2,000	3,100	3,000	590	1,100	G/Ln	Ln
PCN-74	PCN-74	ppt	38	34	90	52	4,800	9.9	10	1,000	1,000	1,100	1,100	400	730	G/Ln	NP
PCN-75	PCN-75	ppt	38	32	84	15	3,900	9.9	85	480	480	770	760	140	210	G/Ln	Ln
PCN-9	PCN-9	ppt	38	24	63	16	2,300	9.9	100	210	210	430	420	60	50	G/Ln	Ln
Pesticides																	
2,4'-DDD	53-19-0	ppb	172	68	40	0.87	160	3.6	8.9	12	12	21	21	5.5	3.4	Ln	NP
2,4'-DDE	3424-82-6	ppb	175	87	50	1.5	490	3.6	8.8	46	46	89	88	11	3.7	NP	NP
2,4'-DDT	789-02-6	ppb	178	15	8	1.6	12	3.6	33	3.3	2.7	1.6	1.3	3.1	3.3	Ln	NP
4,4'-DDD	72-54-8	ppb	215	98	46	0.80	690	3.5	420	27	22	60	58	8.8	8.0	NP	NP
4,4'-DDE	72-55-9	ppb	216	133	62	0.66	1,200	3.5	120	120	120	220	220	19	21	G	NP
4,4'-DDT	50-29-3	ppb	213	110	52	1.1	1,600	3.5	420	29	24	120	120	8.1	7.0	Ln	NP
Aldrin	309-00-2	ppb	211	15	7	0.58	26	1.8	210	5.7	1.2	13	2.2	2.4	1.8	G/Ln	NP
Alpha-BHC	319-84-6	ppb	211	65	31	0.25	20	1.8	210	6.3	2.3	13	3.0	2.6	1.8	G/Ln	NP
Alpha-Chlordane	5103-71-9	ppb	216	63	29	0.52	14	1.8	210	5.9	2.6	12	2.3	2.7	1.8	N/G/Ln	NP

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Beta-BHC	319-85-7	ppb	198	52	26	0.54	82	1.8	210	8.0	3.8	15	8.5	3.2	1.9	NP	NP
Delta-BHC	319-86-8	ppb	214	9	4	1.4	180	1.8	210	6.5	2.6	17	12	2.5	1.8	G/Ln	NP
Dieldrin	60-57-1	ppb	212	83	39	0.95	82	3.5	420	16	9.6	26	15	6.7	3.9	Ln	NP
Endosulfan I	959-98-8	ppb	216	12	6	1.1	25	1.8	210	6.5	1.6	13	2.5	2.7	1.8	G/Ln	NP
Endosulfan II	33213-65-9	ppb	216	15	7	0.91	8.8	3.1	420	10	2.2	24	1.1	4.3	3.4	G/Ln	NP
Endosulfan Sulfate	1031-07-8	ppb	215	52	24	0.67	18	3.5	420	11	4.0	24	3.3	4.9	3.7	N/G/Ln	NP
Endrin	72-20-8	ppb	215	18	8	1.7	12	3.5	420	11	3.0	24	1.2	4.5	3.5	G/Ln	NP
Endrin Aldehyde	7421-93-4	ppb	214	57	27	1.4	31	3.5	420	13	5.5	24	5.9	5.7	3.7	G/Ln	NP
Endrin Ketone	53494-70-5	ppb	216	8	4	1.5	10	3.5	420	9.9	1.9	24	0.89	4.3	3.5	NP	NP
Gamma-BHC (Lindane)	58-89-9	ppb	210	15	7	0.37	10	1.8	210	5.6	1.3	12	1.3	2.4	1.8	N/G/Ln	NP
Gamma-Chlordane	5566-34-7	ppb	195	37	19	0.47	69	1.8	210	8.7	3.5	14	7.4	3.5	1.8	G/Ln	NP
Heptachlor	76-44-8	ppb	210	49	23	0.80	53	1.8	210	7.5	3.7	14	7.2	3.1	1.8	Ln	NP
Heptachlor Epoxide	1024-57-3	ppb	180	48	27	0.33	89	1.8	210	12	6.8	19	15	3.8	1.8	G	NP
Methoxychlor	72-43-5	ppb	216	7	3	6.0	32	18	2,100	49	11	120	3.2	21	17	Ln	NP
Total Alpha + Gamma Chlordane	No CAS	ppb	216	78	36	0.47	78	1.8	210	8.3	4.8	14	8.4	3.5	1.9	G/Ln	NP
Total DDT (2,4 & 4,4)	No CAS	ppb	178	124	70	0.66	2,700	3.6	7.0	220	220	420	420	26	27	G	NP
Total DDT (2,4)	No CAS	ppb	178	97	55	0.87	560	3.6	7.4	55	55	110	110	12	7.8	NP	NP
Total DDT (4,4)	No CAS	ppb	216	147	68	0.66	2,500	3.5	120	160	160	320	320	23	28	G	NP
Toxaphene	8001-35-2	ppb	216	0	0	--	--	180	21,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb	178	1	1	180	180	180	2,300	310	--	240	--	250	230	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	38	2	5	92	120	180	6,000	660	--	670	--	420	530	--	--
1,2-Dichlorobenzene	95-50-1	ppb	38	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb	38	1	3	92	92	180	6,000	670	--	660	--	440	550	--	--
1,4-Dichlorobenzene	106-46-7	ppb	38	15	40	84	1,000	180	6,000	550	250	690	220	320	350	G/Ln	NP
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb	178	0	0	--	--	180	2,300	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	216	2	1	100	210	180	9,600	390	--	480	--	280	280	--	--
2,4-Dinitrophenol	51-28-5	ppb	216	0	0	--	--	350	49,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	216	158	73	1.7	5,100	3.5	6,000	520	500	750	740	120	270	G	NP
2-Methylphenol	95-48-7	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2-Nitrophenol	88-75-5	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	216	0	0	--	--	180	19,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	216	0	0	--	--	350	19,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	216	0	0	--	--	350	30,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	216	56	26	51	1,200	3.8	9,600	370	190	480	170	250	240	NP	NP
4-Chlorophenyl phenyl ether	7005-72-3	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	216	30	14	26	300	180	9,600	370	120	480	53	240	210	N/G/Ln	NP
4-Nitroaniline	100-01-6	ppb	216	0	0	--	--	350	19,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	216	0	0	--	--	350	30,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	216	162	75	1.1	3,700	3.5	1,100	520	510	640	640	130	330	NP	NP
Acenaphthylene	208-96-8	ppb	216	163	76	1.5	2,800	3.5	2,100	310	300	360	360	94	190	NP	NP
Acetophenone	98-86-2	ppb	178	15	8	20	240	180	2,300	310	47	240	35	230	230	NP	NP
Anthracene	120-12-7	ppb	216	177	82	0.89	9,600	3.5	890	1,700	1,700	1,900	1,900	330	940	NP	NP
Atrazine	1912-24-9	ppb	178	0	0	--	--	180	2,300	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb	178	29	16	22	690	180	2,300	290	99	240	84	210	210	G/Ln	NP
Benzo(a)anthracene	56-55-3	ppb	216	179	83	0.85	11,000	3.5	890	2,100	2,100	2,000	2,000	460	1,800	NP	NP
Benzo(a)pyrene	50-32-8	ppb	216	161	75	23	8,100	1.9	890	1,900	1,900	1,700	1,700	450	1,700	NP	NP
Benzo(b)fluoranthene	205-99-2	ppb	216	180	83	1.2	7,300	3.5	890	2,000	2,000	1,800	1,900	450	1,800	NP	NP
Benzo(g,h,i)perylene	191-24-2	ppb	216	175	81	1.4	3,200	3.5	890	600	600	610	610	180	460	NP	NP
Benzo(k)fluoranthene	207-08-9	ppb	216	177	82	1.5	9,500	3.5	890	1,700	1,700	1,700	1,700	390	1,500	NP	NP
Biphenyl	92-52-4	ppb	178	45	25	34	1,700	180	2,000	270	140	250	190	200	160	NP	NP
bis(2-Chloroethoxy)methane	111-91-1	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	216	115	53	38	260,000	180	12,000	16,000	16,000	34,000	34,000	1,700	950	G	NP
Butyl benzyl phthalate	85-68-7	ppb	216	31	14	21	5,100	180	9,600	420	130	630	440	260	280	NP	NP
Caprolactam	105-60-2	ppb	178	0	0	--	--	180	2,300	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb	216	113	52	29	2,900	180	9,600	400	300	540	360	240	190	G/Ln	NP
Chrysene	218-01-9	ppb	216	182	84	0.91	12,000	3.5	890	2,400	2,400	2,300	2,300	510	2,100	NP	NP
Dibenzo(a,h)anthracene	53-70-3	ppb	216	128	59	1.0	1,100	3.5	6,000	270	200	310	210	92	190	NP	NP
Dibenzofuran	132-64-9	ppb	216	119	55	26	2,000	160	9,600	330	260	450	270	220	160	Ln	NP
Diethyl phthalate	84-66-2	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	216	13	6	37	1,200	180	9,600	400	98	480	100	270	290	G/Ln	NP
Di-n-Octylphthalate	117-84-0	ppb	185	62	34	29	10,000	180	15,000	920	680	1,500	1,400	400	370	G	NP
Fluoranthene	206-44-0	ppb	216	193	89	0.82	21,000	3.5	890	4,700	4,700	4,800	4,800	860	3,800	NP	NP
Fluorene	86-73-7	ppb	216	165	76	1.1	3,400	3.5	1,800	610	600	740	740	140	360	NP	NP
Hexachlorobenzene	118-74-1	ppb	216	43	20	0.93	160	3.5	9,600	150	12	490	22	19	15	G/Ln	NP

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Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Hexachlorobutadiene	87-68-3	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	65	0	0	--	--	180	30,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	216	175	81	1.1	3,000	3.5	890	540	530	530	540	170	420	NP	NP
Isophorone	78-59-1	ppb	216	1	1	11,000	11,000	180	9,600	450	--	870	--	290	300	--	--
Naphthalene	91-20-3	ppb	216	150	69	13	26,000	3.5	6,000	1,400	1,400	3,400	3,300	200	420	NP	NP
Nitrobenzene	98-95-3	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	216	0	0	--	--	180	9,600	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	216	42	19	180	5,600	180	11,000	540	390	850	660	310	290	NP	NP
Pentachlorophenol	87-86-5	ppb	215	0	0	--	--	7.2	30,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb	216	186	86	1.1	20,000	3.5	890	2,500	2,500	3,300	3,300	420	1,500	NP	NP
Phenol	108-95-2	ppb	216	11	5	19	3,100	180	6,000	370	70	400	210	260	270	NP	NP
Pyrene	129-00-0	ppb	216	172	80	5.5	17,000	3.5	890	3,900	3,900	3,800	3,800	800	3,500	NP	N
Total HMW PAHs-SVOC	No CAS	ppb	216	193	89	0.82	84,000	3.5	890	20,000	20,000	19,000	19,000	3,100	18,000	NP	NP
Total LMW PAHs-SVOC	No CAS	ppb	216	188	87	1.1	41,000	3.5	890	7,400	7,400	9,300	9,300	1,000	4,200	NP	NP
TOTAL PAHs - SVOC	No CAS	ppb	216	194	90	0.82	120,000	3.5	890	27,000	27,000	27,000	27,000	4,000	22,000	NP	NP
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	216	182	84	5.1	21,000	4.3	40	4,300	4,300	4,500	4,400	930	3,500	NP	NP
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	ppb	177	0	0	--	--	4.3	1,500	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	177	0	0	--	--	4.3	1,500	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb	177	25	14	4.5	430	4.3	1,500	75	14	180	45	11	7.0	NP	NP
1,2-Dichloroethane	107-06-2	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	540-59-0	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb	177	19	11	6.4	320	4.3	1,500	76	10	190	26	11	7.0	NP	NP
1,4-Dichlorobenzene	106-46-7	ppb	178	36	20	5.1	1,300	4.3	1,400	79	37	190	130	12	7.0	NP	NP
2-Butanone	78-93-3	ppb	22	13	59	11	66	11	1,900	89	20	240	12	22	16	G/Ln	Ln
2-Hexanone	591-78-6	ppb	38	0	0	--	--	10	1,900	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb	38	0	0	--	--	10	1,900	--	--	--	--	--	--	--	--
Acetone	67-64-1	ppb	36	36	100	5.0	310	--	--	73	73	69	69	45	49	G/Ln	G/Ln
Benzene	71-43-2	ppb	38	18	47	2.0	190	5.0	970	47	26	99	46	11	5.8	G/Ln	NP
Bromodichloromethane	75-27-4	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--

Table D-2
Summary Statistics
Newark Bay Study Area - Phase I and II Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Bromomethane	74-83-9	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb	38	26	68	1.0	260	5.0	670	26	17	66	42	9.1	6.5	Ln	Ln
Carbon Tetrachloride	56-23-5	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb	216	28	13	3.0	78	4.3	1,500	49	5.9	150	6.7	8.6	6.5	Ln	NP
Chloroethane	75-00-3	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb	38	7	18	4.0	720	5.0	670	39	30	130	120	8.1	6.0	G/Ln	NP
Methylene Chloride	75-09-2	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
Styrene	100-42-5	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb	38	11	29	3.0	38	5.0	970	28	6.2	93	6.1	7.0	6.0	G/Ln	NP
trans-1,3-Dichloropropene	10061-02-6	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb	38	0	0	--	--	5.0	970	--	--	--	--	--	--	--	--
Xylene (Total)	1330-20-7	ppb	38	19	50	1.0	2,200	5.0	17	130	130	370	370	15	6.3	G/Ln	NP

Abbreviations:

-- not applicable due to frequency of detection
1/2 DL = half the detection limit (e.g., sample reporting limit)
CAS = Chemical Abstracts Service
FOD = frequency of detection (detects / total)
ft bss = feet below sediment surface
GM = geometric mean
GOF = goodness-of-fit
HMW = high-molecular weight
KM = Kaplan-Meier
LMW = low-molecular weight
Max = maximum
Min = minimum
ND = nondetect
PAH = polynuclear aromatic hydrocarbon
PBDE = polybrominated diphenyl ether
PCB = polychlorinated biphenyls
PCN = polychlorinated naphthalene
ppb = parts per billion
ppm = parts per million
ppt = parts per trillion
ROS = regression on ordered statistics
SD = standard deviation
SVOC = semivolatile organic compound
TPH = total petroleum hydrocarbon

Notes:

[1] Total concentrations are based on the sum of detected observations; therefore statistics for totals are based on detected observations.

[2] KM and GOF statistics generated using USEPA ProUCL (v. 4.1.01) software (USEPA, 2011). Remaining statistics generated in MS Access 2010.

[3] When FOD = 100%, the KM statistics are equal to the arithmetic mean and standard deviation of the full dataset.

[4] KM statistics and GOF results only reported for constituents with at least 8 total observations and 5 distinct detected observations (USEPA, 2010).

[5] The GM is a parameter that specifically defines a lognormal distribution and is equal to the anti-log of the mean of the log-transformed values. GM is generally not descriptive of the central tendency for

[6] Distribution assessed by GOF tests at 95% confidence level (α = 0.05) using ProUCL 4.1.01 Left-censored data are evaluated with both detects only and ROS methods (USEPA, 2010).
Normal (N): dataset follows a normal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Gamma (G): dataset follows a gamma distribution, according to the Kolmogorov-Smirnov test.
Lognormal (Ln): dataset follows a lognormal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Nonparametric (NP): dataset does not follow any of the three distributions noted above.

[7] Level = data usability levels. For information about these levels and their applicability, please refer to Section 3 of the report.

[8] This table presents data for each of the 18 select chemicals (where available) identified for focused evaluation in Section 4.3.

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	22	22	100	69.4	2,220	--	--	590	590	550	550	398	340	G/Ln	G/Ln
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	22	22	100	44.5	964	--	--	274	274	242	242	189	160	G/Ln	G/Ln
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	22	20	91	2.60	119	1.05	20.7	20.5	20.5	25.4	24.8	11.7	12.2	G/Ln	Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	22	17	77	0.570	14.3	1.55	13.1	4.35	4.10	3.68	3.60	2.99	3.36	G/Ln	G/Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	22	21	96	9.55	251	20.3	20.3	63.6	63.7	65.5	63.9	40.0	36.9	Ln	Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	22	19	86	4.32	82.6	1.75	15.1	25.9	26.2	24.9	24.1	14.8	15.4	G/Ln	N/Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	22	20	91	2.73	97.3	2.77	21.7	19.6	19.6	22.5	22.0	11.7	11.0	G/Ln	Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	22	20	91	3.00	45.4	10.1	13.6	15.5	15.6	12.0	11.7	11.8	11.1	G/Ln	G/Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	22	8	36	0.230	12.1	0.460	25.8	3.09	1.80	3.46	2.70	1.76	1.76	G/Ln	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt	22	11	50	1.10	14.0	0.680	23.5	4.98	4.00	4.39	3.80	3.14	2.84	N/G/Ln	N/Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt	22	17	77	1.56	42.4	1.96	13.4	11.1	11.1	11.9	11.6	6.38	6.43	G/Ln	Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	22	19	86	2.05	38.8	2.19	21.1	12.0	11.9	12.0	11.8	7.66	6.22	Ln	Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt	22	16	73	3.61	49.3	0.790	19.8	15.6	15.9	15.4	14.7	8.38	10.1	G/Ln	N/Ln
2,3,7,8-TCDD	1746-01-6	ppt	22	22	100	7.20	216	--	--	57.5	57.5	54.5	54.5	38.5	31.9	G/Ln	G/Ln
2,3,7,8-TCDF	51207-31-9	ppt	22	22	100	2.67	65.4	--	--	20.6	20.6	19.5	19.5	13.9	13.0	Ln	Ln
OCDD	3268-87-9	ppt	22	22	100	799	16,900	--	--	5,820	5,820	4,530	4,530	4,280	3,640	G/Ln	G/Ln
OCDF	39001-02-0	ppt	22	22	100	103	2,570	--	--	564	564	566	566	388	303	G/Ln	G/Ln
Congener PCBs																	
PCB-1	2051-60-7	ppt	22	3	14	1,660	2,760	420	2,870	835	--	641	--	649	573	--	--
PCB-100	39485-83-1	ppt	22	10	46	210	1,900	420	2,870	804	713	510	518	649	625	N/G/Ln	G/Ln
PCB-104	56558-16-8	ppt	22	0	0	--	--	420	2,860	--	--	--	--	--	--	--	--
PCB-105	32598-14-4	ppt	22	22	100	1,830	65,300	--	--	19,000	19,000	18,200	18,200	12,700	11,300	G/Ln	G/Ln
PCB-11	2050-67-1	ppt	22	20	91	2,290	44,300	420	1,740	11,600	11,700	12,300	11,900	6,340	7,010	G/Ln	Ln
PCB-110	38380-03-9	ppt	22	22	100	4,120	153,000	--	--	47,200	47,200	42,200	42,200	31,700	28,200	G/Ln	G/Ln
PCB-114	74472-37-0	ppt	22	3	14	470	4,960	420	2,630	808	--	977	--	594	505	--	--
PCB-123	65510-44-3	ppt	22	22	100	750	16,200	--	--	5,790	5,790	4,630	4,630	4,210	3,810	G/Ln	G/Ln
PCB-124	70424-70-3	ppt	22	14	64	580	8,750	440	2,640	2,380	2,410	2,680	2,590	1,310	1,090	G/Ln	N/Ln
PCB-126	57465-28-8	ppt	22	0	0	--	--	420	2,870	--	--	--	--	--	--	--	--
PCB-127	39635-33-1	ppt	22	0	0	--	--	420	2,860	--	--	--	--	--	--	--	--
PCB-130	52663-66-8	ppt	22	19	86	520	11,500	620	2,630	3,370	3,390	3,190	3,100	2,190	2,420	G/Ln	Ln
PCB-131	61798-70-7	ppt	22	21	96	570	6,670	980	980	2,180	2,190	1,650	1,610	1,680	1,670	G/Ln	G/Ln
PCB-135	52744-13-5	ppt	22	21	96	740	17,400	1,980	1,980	5,180	5,200	4,570	4,440	3,680	3,380	G/Ln	Ln
PCB-136	38411-22-2	ppt	22	22	100	720	18,600	--	--	5,360	5,360	4,640	4,640	3,850	3,580	G/Ln	G/Ln
PCB-137	35694-06-5	ppt	22	21	96	390	7,340	980	980	2,370	2,380	2,130	2,070	1,630	1,640	G/Ln	G/Ln
PCB-140	59291-64-4	ppt	22	4	18	830	1,710	420	2,870	763	--	496	--	614	565	--	--
PCB-141	52712-04-6	ppt	22	22	100	960	30,600	--	--	8,000	8,000	7,790	7,790	5,320	4,750	G/Ln	G/Ln

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-144	68194-14-9	ppt	22	22	100	540	9,400	--	--	2,810	2,810	2,350	2,350	2,080	2,040	G/Ln	G/Ln
PCB-15	2050-68-2	ppt	22	22	100	1,200	30,000	--	--	15,600	15,600	8,150	8,150	12,900	15,700	N/G	N/G
PCB-151	52663-63-5	ppt	22	22	100	940	36,000	--	--	10,100	10,100	9,140	9,140	6,860	6,170	G/Ln	G/Ln
PCB-153	35065-27-1	ppt	22	22	100	3,420	147,000	--	--	42,100	42,100	38,100	38,100	28,500	27,200	G/Ln	G/Ln
PCB-154	60145-22-4	ppt	22	22	100	370	3,700	--	--	1,540	1,540	873	873	1,310	1,510	N/G/Ln	N/G/Ln
PCB-155	33979-03-2	ppt	22	13	59	290	2,490	420	2,860	919	857	546	554	773	825	N/G/Ln	G/Ln
PCB-156	38380-08-4	ppt	22	22	100	590	17,600	--	--	5,270	5,270	4,770	4,770	3,630	3,230	G/Ln	G/Ln
PCB-157	69782-90-7	ppt	22	13	59	170	5,150	420	2,630	1,340	1,280	1,360	1,370	892	895	G/Ln	Ln
PCB-166	41411-63-6	ppt	22	2	9	450	1,400	420	2,870	648	--	390	--	549	495	--	--
PCB-167	52663-72-6	ppt	22	21	96	420	6,620	1,260	1,260	2,160	2,170	1,750	1,710	1,620	1,800	G/Ln	G/Ln
PCB-169	32774-16-6	ppt	22	1	5	1,780	1,780	420	2,870	679	--	428	--	568	508	--	--
PCB-17	37680-66-3	ppt	22	22	100	1,300	63,700	--	--	19,500	19,500	19,300	19,300	11,600	11,900	G/Ln	G/Ln
PCB-170	35065-30-6	ppt	22	22	100	950	37,400	--	--	10,000	10,000	9,350	9,350	6,690	6,210	G/Ln	G/Ln
PCB-171	52663-71-5	ppt	22	22	100	490	10,900	--	--	3,240	3,240	2,710	2,710	2,350	2,420	G/Ln	G/Ln
PCB-172	52663-74-8	ppt	22	22	100	390	7,890	--	--	2,480	2,480	1,940	1,940	1,850	2,000	G/Ln	G/Ln
PCB-173	68194-16-1	ppt	22	6	27	500	2,460	420	2,640	746	739	587	534	592	523	N/G/Ln	NP
PCB-174	38411-25-5	ppt	22	22	100	930	39,500	--	--	10,500	10,500	9,960	9,960	6,880	6,480	G/Ln	G/Ln
PCB-175	40186-70-7	ppt	22	21	96	100	2,180	580	580	738	740	538	525	553	610	N/G/Ln	N/G/Ln
PCB-176	52663-65-7	ppt	22	21	96	120	5,060	2,630	2,630	1,350	1,330	1,300	1,290	848	855	G/Ln	G/Ln
PCB-177	52663-70-4	ppt	22	22	100	560	23,700	--	--	6,840	6,840	6,060	6,060	4,650	4,410	G/Ln	G/Ln
PCB-178	52663-67-9	ppt	22	22	100	400	8,260	--	--	2,680	2,680	2,030	2,030	2,040	2,060	G/Ln	G/Ln
PCB-179	52663-64-6	ppt	22	22	100	430	17,500	--	--	4,890	4,890	4,400	4,400	3,330	3,230	G/Ln	G/Ln
PCB-18	37680-65-2	ppt	22	22	100	3,110	149,000	--	--	37,900	37,900	43,600	43,600	19,900	18,100	G/Ln	G/Ln
PCB-180	35065-29-3	ppt	22	22	100	2,040	95,900	--	--	25,500	25,500	23,500	23,500	17,000	16,300	G/Ln	G/Ln
PCB-183	52663-69-1	ppt	22	22	100	550	25,900	--	--	7,080	7,080	6,450	6,450	4,760	4,670	G/Ln	G/Ln
PCB-184	74472-48-3	ppt	22	2	9	1,020	1,300	420	2,870	663	--	391	--	558	508	--	--
PCB-185	52712-05-7	ppt	22	22	100	410	6,360	--	--	1,960	1,960	1,590	1,590	1,460	1,520	G/Ln	G/Ln
PCB-188	74487-85-7	ppt	22	9	41	820	2,710	420	2,640	894	1,090	660	499	695	840	N/G/Ln	NP
PCB-189	39635-31-9	ppt	22	4	18	740	2,900	420	2,860	724	--	607	--	570	505	--	--
PCB-19	38444-73-4	ppt	22	8	36	2,610	12,600	420	2,630	2,480	3,830	3,360	2,530	1,060	623	N/G/Ln	NP
PCB-190	41411-64-7	ppt	22	22	100	470	9,670	--	--	3,020	3,020	2,330	2,330	2,270	2,540	G/Ln	G/Ln
PCB-191	74472-50-7	ppt	22	15	68	10.0	2,670	420	2,640	905	864	727	737	597	670	N/G	NP
PCB-193	69782-91-8	ppt	22	22	100	370	5,480	--	--	1,950	1,950	1,410	1,410	1,510	1,670	G/Ln	G/Ln
PCB-194	35694-08-7	ppt	22	22	100	630	24,300	--	--	6,800	6,800	5,890	5,890	4,670	4,530	G/Ln	G/Ln
PCB-195	52663-78-2	ppt	22	22	100	410	8,690	--	--	2,390	2,390	2,130	2,130	1,660	1,870	G/Ln	G/Ln
PCB-197	33091-17-7	ppt	22	18	82	80.0	1,770	620	2,630	705	677	458	446	562	640	N/G/Ln	G/Ln
PCB-198	68194-17-2	ppt	22	11	50	220	9,850	440	1,750	1,460	1,420	2,410	2,380	749	573	G/Ln	NP
PCB-199	52663-75-9	ppt	22	22	100	990	27,700	--	--	8,820	8,820	6,860	6,860	6,410	7,100	G/Ln	G/Ln

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-200	52663-73-7	ppt	22	22	100	170	3,580	--	--	1,230	1,230	871	871	946	1,050	G/Ln	G/Ln
PCB-201	40186-71-8	ppt	22	22	100	220	3,960	--	--	1,240	1,240	1,020	1,020	900	980	G/Ln	G/Ln
PCB-202	2136-99-4	ppt	22	22	100	310	5,630	--	--	2,170	2,170	1,440	1,440	1,690	2,060	N/G/Ln	N/G/Ln
PCB-205	74472-53-0	ppt	22	12	55	160	2,320	440	2,640	687	588	563	569	522	495	G/Ln	NP
PCB-206	40186-72-9	ppt	22	22	100	870	23,600	--	--	7,730	7,730	6,130	6,130	5,450	6,150	G/Ln	G/Ln
PCB-207	52663-79-3	ppt	22	22	100	20.0	2,850	--	--	1,250	1,250	833	833	872	1,110	N/G	N/G
PCB-208	52663-77-1	ppt	22	22	100	270	8,050	--	--	2,490	2,490	2,180	2,180	1,610	1,850	G/Ln	G/Ln
PCB-209	2051-24-3	ppt	22	22	100	900	23,100	--	--	7,110	7,110	6,000	6,000	4,980	5,420	G/Ln	G/Ln
PCB-22	38444-85-8	ppt	22	21	96	1,480	75,100	1,750	1,750	21,100	21,200	21,200	20,700	11,900	13,000	G/Ln	Ln
PCB-25	55712-37-3	ppt	22	20	91	980	22,100	1,740	2,630	9,450	9,470	7,590	7,390	6,200	6,540	G/Ln	N/Ln
PCB-26	38444-81-4	ppt	22	21	96	1,060	48,000	1,750	1,750	14,500	14,500	13,500	13,100	8,920	9,810	G/Ln	N/Ln
PCB-28	7012-37-5	ppt	22	22	100	3,960	172,000	--	--	60,400	60,400	50,600	50,600	41,100	41,000	G/Ln	G/Ln
PCB-29	15862-07-4	ppt	22	0	0	--	--	420	2,860	--	--	--	--	--	--	--	--
PCB-3	2051-62-9	ppt	22	4	18	880	1,250	420	2,860	725	--	392	--	615	693	--	--
PCB-30	35693-92-6	ppt	22	0	0	--	--	420	2,860	--	--	--	--	--	--	--	--
PCB-31	16606-02-3	ppt	22	22	100	3,260	166,000	--	--	53,000	53,000	48,600	48,600	34,200	31,900	G/Ln	G/Ln
PCB-37	38444-90-5	ppt	22	22	100	1,430	58,700	--	--	20,600	20,600	16,000	16,000	14,900	15,400	G/Ln	G/Ln
PCB-40	38444-93-8	ppt	22	18	82	1,920	37,300	420	2,640	9,740	9,980	10,400	9,980	4,660	4,220	G/Ln	N/Ln
PCB-44	41464-39-5	ppt	22	22	100	9,020	326,000	--	--	91,500	91,500	90,600	90,600	56,900	55,400	G/Ln	G/Ln
PCB-45	70362-45-7	ppt	22	22	100	1,100	49,500	--	--	12,900	12,900	14,000	14,000	7,310	7,400	G/Ln	G/Ln
PCB-46	41464-47-5	ppt	22	8	36	1,660	21,200	420	2,640	4,160	4,910	6,060	5,460	1,280	568	N/G/Ln	NP
PCB-47	2437-79-8	ppt	22	22	100	1,470	53,500	--	--	20,200	20,200	16,700	16,700	13,900	14,300	G/Ln	G/Ln
PCB-50	62796-65-0	ppt	22	0	0	--	--	420	2,870	--	--	--	--	--	--	--	--
PCB-51	68194-04-7	ppt	22	15	68	800	9,930	420	2,640	3,080	3,170	3,140	2,990	1,690	1,480	N/G/Ln	N/Ln
PCB-53	41464-41-9	ppt	22	22	100	660	25,600	--	--	8,020	8,020	7,880	7,880	4,940	4,760	G/Ln	G/Ln
PCB-54	15968-05-5	ppt	22	6	27	550	2,500	420	2,870	879	849	688	636	673	595	N/G/Ln	NP
PCB-6	25569-80-6	ppt	22	11	50	560	8,480	420	2,870	2,000	2,010	2,150	2,090	1,170	1,150	N/G/Ln	N
PCB-63	74472-34-7	ppt	22	18	82	1,110	11,200	420	2,630	4,030	4,130	3,560	3,390	2,500	2,800	G/Ln	N/Ln
PCB-67	73575-53-8	ppt	22	9	41	810	10,700	420	2,640	2,650	2,820	3,290	3,100	1,160	843	N/G	NP
PCB-74	32690-93-0	ppt	22	22	100	2,290	102,000	--	--	29,900	29,900	28,700	28,700	18,900	16,000	G/Ln	G/Ln
PCB-77	32598-13-3	ppt	22	17	77	210	9,540	420	2,630	2,630	2,610	2,680	2,640	1,610	1,510	G/Ln	Ln
PCB-80	33284-52-5	ppt	22	0	0	--	--	420	2,870	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt	22	0	0	--	--	420	2,870	--	--	--	--	--	--	--	--
PCB-82	52663-62-4	ppt	22	21	96	830	25,800	980	980	7,740	7,750	7,360	7,180	4,940	4,720	G/Ln	Ln
PCB-83	60145-20-2	ppt	22	22	100	680	18,200	--	--	6,060	6,060	4,610	4,610	4,520	4,220	G/Ln	G/Ln
PCB-97	41464-51-1	ppt	22	22	100	1,730	60,100	--	--	18,300	18,300	16,400	16,400	12,300	10,700	G/Ln	G/Ln
PCB-99	38380-01-7	ppt	22	22	100	1,820	65,500	--	--	21,600	21,600	18,000	18,000	14,900	13,800	G/Ln	G/Ln
Total Congener PCBs (NOAA 1989)	No CAS	ppt	22	22	100	95,900	3,800,000	--	--	1,130,000	1,130,000	1,030,000	1,030,000	745,000	727,000	G/Ln	G/Ln

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Mid-depth (0.5 - 3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	56	55	98	3.04	3,140	11.3	11.3	827	827	796	789	408	439	G	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	56	55	98	0.870	2,680	4.92	4.92	562	562	620	615	246	254	G	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	56	46	82	4.29	129	0.530	16.3	36.0	36.5	36.6	35.9	16.0	14.4	NP	NP
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	56	38	68	0.890	22.2	0.480	16.3	5.98	6.00	5.38	5.30	3.40	4.26	G/Ln	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	56	53	95	0.420	536	0.250	0.700	127	127	130	129	56.7	61.8	G/Ln	Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	56	50	89	3.43	148	0.550	13.0	46.3	46.6	42.3	41.7	23.4	25.3	NP	Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	56	50	89	4.30	141	0.230	11.3	37.0	37.4	36.6	35.9	17.8	18.7	NP	Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	56	50	89	0.130	92.3	0.490	12.0	26.0	26.0	23.0	22.9	13.6	17.2	G	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	56	29	52	0.340	53.1	0.250	14.0	3.92	3.60	7.17	7.20	2.12	2.18	Ln	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt	56	38	68	1.18	35.2	0.710	80.1	9.60	8.50	9.63	8.00	5.34	5.91	G/Ln	N/Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt	56	41	73	2.30	78.0	0.690	22.3	19.0	19.0	19.5	19.3	9.02	9.82	NP	NP
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	56	49	88	2.23	92.6	0.230	9.15	22.6	22.8	24.1	23.7	10.9	10.4	NP	Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt	56	46	82	4.36	97.8	0.400	32.4	27.0	27.4	26.1	25.4	13.7	15.5	Ln	NP
2,3,7,8-TCDD	1746-01-6	ppt	56	51	91	0.910	1,390	0.560	12.8	195	195	323	321	58.7	67.6	Ln	Ln
2,3,7,8-TCDF	51207-31-9	ppt	56	51	91	4.46	121	0.800	31.9	36.0	36.2	31.7	31.2	21.5	20.6	Ln	Ln
OCDD	3268-87-9	ppt	56	56	100	45.1	38,700	--	--	9,700	9,700	9,530	9,530	5,310	4,690	NP	NP
OCDF	39001-02-0	ppt	56	56	100	3.08	7,490	--	--	1,170	1,170	1,440	1,440	509	453	NP	NP
Congener PCBs																	
PCB-1	2051-60-7	ppt	56	1	2	31,400	31,400	330	2,770	1,110	--	4,130	--	527	478	--	--
PCB-100	39485-83-1	ppt	56	18	32	260	1,900	330	2,770	723	635	427	441	607	605	N/G/Ln	NP
PCB-104	56558-16-8	ppt	56	0	0	--	--	330	2,760	--	--	--	--	--	--	--	--
PCB-105	32598-14-4	ppt	56	53	95	100	102,000	560	1,950	27,100	27,100	24,800	24,600	14,000	17,000	G	NP
PCB-11	2050-67-1	ppt	56	45	80	2,930	85,200	330	2,760	17,900	18,400	19,200	18,600	7,640	8,550	NP	Ln
PCB-110	38380-03-9	ppt	56	54	96	430	223,000	1,260	1,960	66,700	66,600	60,200	59,600	32,100	41,100	G	NP
PCB-114	74472-37-0	ppt	56	10	18	10.0	8,070	330	2,760	1,060	657	1,650	1,760	585	488	N/G	NP
PCB-123	65510-44-3	ppt	56	49	88	100	27,300	360	1,960	7,990	7,950	6,950	6,930	4,600	5,300	G	NP
PCB-124	70424-70-3	ppt	56	40	71	330	15,200	330	1,960	3,690	3,690	3,800	3,780	1,900	2,300	G/Ln	NP
PCB-126	57465-28-8	ppt	56	3	5	2,600	19,000	330	2,770	982	--	2,500	--	567	488	--	--
PCB-127	39635-33-1	ppt	56	2	4	370	1,360	330	2,760	585	--	323	--	505	478	--	--
PCB-130	52663-66-8	ppt	56	45	80	1,140	15,600	330	1,950	4,640	4,770	4,020	3,850	2,730	3,110	G	NP
PCB-131	61798-70-7	ppt	56	46	82	570	6,860	330	1,960	2,550	2,590	2,020	1,960	1,740	1,580	NP	NP
PCB-135	52744-13-5	ppt	56	51	91	280	22,300	360	1,960	7,680	7,680	6,330	6,270	4,760	4,660	Ln	Ln
PCB-136	38411-22-2	ppt	56	55	98	240	20,000	1,250	1,250	7,190	7,190	5,960	5,910	4,620	4,270	Ln	Ln
PCB-137	35694-06-5	ppt	56	48	86	390	10,400	330	1,960	3,360	3,380	2,870	2,830	2,170	2,110	G/Ln	Ln
PCB-140	59291-64-4	ppt	56	18	32	510	4,260	330	2,770	983	1,020	876	836	688	593	N/G	NP
PCB-141	52712-04-6	ppt	56	51	91	200	34,700	360	1,960	11,200	11,200	10,100	10,100	6,230	6,520	NP	NP

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-144	68194-14-9	ppt	56	47	84	510	10,400	330	1,950	3,480	3,510	2,930	2,880	2,240	2,080	NP	Ln
PCB-15	2050-68-2	ppt	56	44	79	450	64,300	710	4,810	19,200	19,000	17,200	17,200	10,000	16,600	NP	NP
PCB-151	52663-63-5	ppt	56	51	91	170	40,000	360	1,960	14,300	14,200	12,500	12,400	7,780	8,940	G/Ln	Ln
PCB-153	35065-27-1	ppt	56	55	98	180	166,000	1,960	1,960	60,300	60,300	50,300	49,800	30,400	39,800	G	NP
PCB-154	60145-22-4	ppt	56	48	86	300	14,600	330	1,960	1,830	1,840	2,010	1,990	1,310	1,340	G/Ln	Ln
PCB-155	33979-03-2	ppt	56	34	61	320	3,590	330	2,760	982	946	750	755	775	820	NP	NP
PCB-156	38380-08-4	ppt	56	49	88	50.0	22,100	360	1,960	7,230	7,200	6,270	6,250	4,130	4,750	G	Ln
PCB-157	69782-90-7	ppt	56	44	79	250	14,300	330	2,400	2,020	2,020	2,250	2,230	1,280	1,210	G/Ln	Ln
PCB-166	41411-63-6	ppt	56	6	11	290	2,870	330	2,770	661	443	473	440	542	510	N/G/Ln	NP
PCB-167	52663-72-6	ppt	56	47	84	700	9,210	330	1,950	3,000	3,060	2,340	2,270	2,040	2,080	G	NP
PCB-169	32774-16-6	ppt	56	9	16	390	17,500	330	2,770	1,410	1,250	2,660	2,670	703	593	G	NP
PCB-17	37680-66-3	ppt	56	50	89	190	105,000	440	1,960	28,100	28,100	30,200	29,900	11,400	12,800	G	Ln
PCB-170	35065-30-6	ppt	56	51	91	40.0	41,400	360	1,950	14,400	14,400	11,800	11,700	8,010	9,810	G	NP
PCB-171	52663-71-5	ppt	56	50	89	920	16,200	330	1,960	4,510	4,580	3,700	3,610	2,930	2,910	NP	Ln
PCB-172	52663-74-8	ppt	56	49	88	400	9,900	330	1,950	3,130	3,150	2,440	2,400	2,130	2,210	G/Ln	Ln
PCB-173	68194-16-1	ppt	56	22	39	180	9,320	330	2,410	917	849	1,280	1,300	618	503	G/Ln	NP
PCB-174	38411-25-5	ppt	56	53	95	100	46,700	440	1,950	14,900	14,800	13,100	13,000	8,260	8,930	G	NP
PCB-175	40186-70-7	ppt	56	49	88	80.0	2,680	330	1,960	980	976	693	693	733	730	G	Ln
PCB-176	52663-65-7	ppt	56	50	89	60.0	5,990	330	1,950	2,030	2,020	1,740	1,730	1,250	1,170	G	Ln
PCB-177	52663-70-4	ppt	56	51	91	10.0	27,700	360	1,950	9,580	9,560	8,030	7,990	5,250	6,560	G	NP
PCB-178	52663-67-9	ppt	56	51	91	790	9,530	330	1,960	3,430	3,470	2,540	2,470	2,400	2,340	Ln	Ln
PCB-179	52663-64-6	ppt	56	52	93	70.0	20,900	360	1,960	6,960	6,950	5,930	5,890	4,020	4,460	G/Ln	Ln
PCB-18	37680-65-2	ppt	56	50	89	170	275,000	440	1,950	56,500	56,400	66,100	65,500	19,200	20,700	G	Ln
PCB-180	35065-29-3	ppt	56	55	98	200	111,000	1,960	1,960	35,300	35,300	30,300	30,100	17,800	23,300	G	NP
PCB-183	52663-69-1	ppt	56	51	91	710	34,900	330	1,960	10,700	10,700	9,090	8,970	6,170	6,890	G/Ln	Ln
PCB-184	74472-48-3	ppt	56	9	16	990	1,830	330	2,770	692	1,070	442	192	563	503	N/G/Ln	NP
PCB-185	52712-05-7	ppt	56	49	88	210	7,800	330	1,950	2,510	2,510	2,080	2,060	1,680	1,620	G/Ln	Ln
PCB-188	74487-85-7	ppt	56	24	43	230	2,190	330	2,770	759	709	527	553	598	615	N/G	NP
PCB-189	39635-31-9	ppt	56	22	39	20.0	4,560	330	2,400	989	871	952	1,010	647	573	N/G	NP
PCB-19	38444-73-4	ppt	56	19	34	960	26,300	330	2,760	4,340	4,640	6,480	6,240	1,250	735	N/G	NP
PCB-190	41411-64-7	ppt	56	49	88	440	10,900	330	1,960	3,890	3,910	2,920	2,870	2,620	2,790	G/Ln	Ln
PCB-191	74472-50-7	ppt	56	45	80	50.0	3,100	330	1,960	999	992	702	706	757	770	G	Ln
PCB-193	69782-91-8	ppt	56	48	86	540	57,200	330	1,950	3,190	3,230	7,520	7,440	1,710	1,700	NP	Ln
PCB-194	35694-08-7	ppt	56	51	91	1,030	30,900	330	1,950	9,800	9,860	7,720	7,580	5,990	7,410	G/Ln	Ln
PCB-195	52663-78-2	ppt	56	49	88	650	10,600	330	1,950	3,240	3,280	2,550	2,480	2,190	2,220	Ln	Ln
PCB-197	33091-17-7	ppt	56	46	82	210	2,300	330	2,400	740	729	470	469	600	685	G	G/Ln
PCB-198	68194-17-2	ppt	56	27	48	310	23,700	330	2,410	2,030	2,010	4,400	4,370	819	740	NP	NP
PCB-199	52663-75-9	ppt	56	52	93	110	39,100	360	1,950	12,500	12,500	9,840	9,770	7,580	8,690	G	NP

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-200	52663-73-7	ppt	56	52	93	50.0	4,540	360	1,960	1,470	1,470	1,040	1,030	1,090	1,090	G/Ln	Ln
PCB-201	40186-71-8	ppt	56	50	89	190	5,240	330	1,950	1,670	1,670	1,280	1,270	1,190	1,190	G/Ln	Ln
PCB-202	2136-99-4	ppt	56	52	93	30.0	12,900	360	1,960	2,910	2,910	2,360	2,340	1,960	2,290	G/Ln	Ln
PCB-205	74472-53-0	ppt	56	37	66	70.0	2,520	330	2,410	720	671	544	563	542	485	Ln	G
PCB-206	40186-72-9	ppt	56	51	91	1,050	51,600	330	1,950	9,640	9,700	8,960	8,820	6,020	7,860	G/Ln	Ln
PCB-207	52663-79-3	ppt	56	51	91	230	4,180	330	1,950	1,330	1,330	906	895	1,020	1,020	G/Ln	Ln
PCB-208	52663-77-1	ppt	56	51	91	360	25,400	330	1,960	3,210	3,220	3,660	3,620	2,090	2,510	G/Ln	Ln
PCB-209	2051-24-3	ppt	56	52	93	110	51,600	330	1,950	9,880	9,870	10,500	10,500	5,560	6,370	G/Ln	Ln
PCB-22	38444-85-8	ppt	56	45	80	430	112,000	330	2,410	28,600	28,600	31,500	31,300	10,600	13,100	NP	NP
PCB-25	55712-37-3	ppt	56	43	77	300	48,100	330	2,400	11,800	11,700	12,000	12,000	5,320	8,060	G	NP
PCB-26	38444-81-4	ppt	56	49	88	130	56,300	440	2,410	18,600	18,500	17,300	17,200	8,680	11,000	G	NP
PCB-28	7012-37-5	ppt	56	51	91	320	314,000	1,020	1,960	85,000	84,900	85,900	85,100	33,300	51,700	G	NP
PCB-29	15862-07-4	ppt	56	0	0	--	--	330	2,760	--	--	--	--	--	--	--	--
PCB-3	2051-62-9	ppt	56	1	2	7,860	7,860	330	2,760	690	--	1,020	--	512	478	--	--
PCB-30	35693-92-6	ppt	56	0	0	--	--	330	2,760	--	--	--	--	--	--	--	--
PCB-31	16606-02-3	ppt	56	51	91	170	323,000	1,020	1,950	72,900	72,900	76,000	75,300	27,900	41,900	G	NP
PCB-37	38444-90-5	ppt	56	45	80	6,420	105,000	330	2,410	28,300	29,400	27,500	26,200	12,000	17,900	NP	NP
PCB-40	38444-93-8	ppt	56	41	73	2,550	52,200	330	2,410	14,800	15,300	16,000	15,400	5,470	6,200	NP	NP
PCB-44	41464-39-5	ppt	56	54	96	340	505,000	1,260	1,960	139,000	139,000	135,000	133,000	57,700	64,600	G	NP
PCB-45	70362-45-7	ppt	56	48	86	160	62,300	360	1,950	17,800	17,700	17,900	17,800	7,790	8,390	NP	NP
PCB-46	41464-47-5	ppt	56	24	43	1,030	25,800	330	2,770	5,250	5,540	7,550	7,300	1,580	970	G/Ln	NP
PCB-47	2437-79-8	ppt	56	50	89	280	86,200	560	1,950	27,500	27,400	24,100	23,900	13,300	18,600	G	NP
PCB-50	62796-65-0	ppt	56	0	0	--	--	330	2,770	--	--	--	--	--	--	--	--
PCB-51	68194-04-7	ppt	56	43	77	920	13,700	330	2,770	3,760	3,850	3,720	3,610	2,210	2,160	NP	Ln
PCB-53	41464-41-9	ppt	56	47	84	1,810	41,300	330	1,950	10,300	10,500	10,500	10,200	5,220	5,470	NP	Ln
PCB-54	15968-05-5	ppt	56	6	11	120	4,840	330	2,770	817	442	983	1,030	562	488	N/G/Ln	NP
PCB-6	25569-80-6	ppt	56	24	43	100	16,400	330	2,770	3,080	2,860	4,100	4,200	1,200	918	N/G	NP
PCB-63	74472-34-7	ppt	56	42	75	470	22,600	330	1,950	5,230	5,260	5,500	5,440	2,720	3,360	G	Ln
PCB-67	73575-53-8	ppt	56	24	43	1,100	14,000	330	2,770	2,920	3,220	3,790	3,570	1,330	1,040	G/Ln	NP
PCB-74	32690-93-0	ppt	56	51	91	220	150,000	1,020	1,950	40,100	40,000	39,000	38,700	17,300	23,300	G	NP
PCB-77	32598-13-3	ppt	56	35	63	580	25,600	330	2,760	3,370	3,390	5,030	4,980	1,750	2,020	Ln	NP
PCB-80	33284-52-5	ppt	56	1	2	11,600	11,600	330	2,770	768	--	1,500	--	523	478	--	--
PCB-81	70362-50-4	ppt	56	0	0	--	--	330	2,770	--	--	--	--	--	--	--	--
PCB-82	52663-62-4	ppt	56	47	84	1,890	45,600	330	1,960	10,700	10,900	10,400	10,100	5,640	6,510	Ln	Ln
PCB-83	60145-20-2	ppt	56	47	84	1,710	23,400	330	1,950	7,700	7,890	6,530	6,270	4,520	4,960	NP	Ln
PCB-97	41464-51-1	ppt	56	49	88	240	88,600	360	1,960	25,400	25,400	23,200	23,000	12,400	15,600	G	Ln
PCB-99	38380-01-7	ppt	56	53	95	270	92,500	1,250	1,950	29,900	29,900	26,000	25,800	15,400	19,100	G	NP
Total Congener PCBs (NOAA 1989)	No CAS	ppt	56	55	98	6,600	5,270,000	1,960	1,960	1,620,000	1,620,000	1,470,000	1,460,000	750,000	911,000	G	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Subsurface (>3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	64	62	97	0.600	2,850	1.44	7.55	687	687	708	703	281	508	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	64	63	98	0.140	2,650	0.910	0.910	469	469	543	539	151	286	NP	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	64	50	78	1.02	153	0.250	5.84	29.4	29.4	34.2	33.9	11.1	16.2	G/Ln	NP
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	64	47	73	0.400	18.1	0.200	5.37	4.68	4.60	4.12	4.10	2.75	4.07	G	N
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	64	60	94	1.61	671	0.170	3.02	108	108	123	122	41.1	65.7	G	NP
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	64	56	88	0.710	121	0.220	6.23	37.7	37.7	34.9	34.6	15.3	31.0	NP	N
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	64	59	92	0.540	177	0.160	2.85	30.3	30.3	32.9	32.6	13.2	19.5	G	NP
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	64	56	88	1.06	68.9	0.200	5.35	20.9	20.9	18.2	18.0	10.4	18.7	G	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	64	37	58	0.110	8.13	0.170	29.3	2.41	1.90	2.66	1.90	1.47	1.35	G	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt	64	38	59	0.370	32.9	0.370	86.6	7.17	6.30	8.03	6.80	3.85	5.75	NP	NP
1,2,3,7,8-PeCDF	57117-41-6	ppt	64	46	72	0.280	84.6	0.260	25.3	15.2	14.9	17.5	17.5	6.34	10.4	G	NP
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	64	53	83	0.490	106	0.160	69.1	16.7	16.3	18.4	18.3	7.60	12.1	G	NP
2,3,4,7,8-PeCDF	57117-31-4	ppt	64	49	77	2.29	125	0.230	6.20	22.0	22.3	24.0	23.6	9.12	17.8	G/Ln	NP
2,3,7,8-TCDD	1746-01-6	ppt	64	59	92	0.200	1,750	0.220	2.17	200	200	324	321	32.8	69.6	G	NP
2,3,7,8-TCDF	51207-31-9	ppt	64	58	91	0.430	109	0.280	5.51	29.9	29.8	29.7	29.5	15.0	20.4	G	NP
OCDD	3268-87-9	ppt	64	64	100	9.54	41,300	--	--	8,760	8,760	9,250	9,250	4,380	5,460	G	G
OCDF	39001-02-0	ppt	64	64	100	0.850	4,660	--	--	983	983	1,110	1,110	358	567	G	G
Congener PCBs																	
PCB-1	2051-60-7	ppt	64	0	0	--	--	320	2,560	--	--	--	--	--	--	--	--
PCB-100	39485-83-1	ppt	64	20	31	270	2,100	320	2,430	650	568	403	399	540	590	Ln	NP
PCB-104	56558-16-8	ppt	64	0	0	--	--	320	2,550	--	--	--	--	--	--	--	--
PCB-105	32598-14-4	ppt	64	54	84	300	139,000	320	1,820	29,900	29,900	32,700	32,500	10,600	19,700	G	NP
PCB-11	2050-67-1	ppt	64	44	69	290	87,300	320	2,420	16,700	16,600	19,700	19,600	5,350	10,900	G	NP
PCB-110	38380-03-9	ppt	64	55	86	390	308,000	570	1,830	74,100	74,100	77,300	76,700	23,400	54,000	NP	NP
PCB-114	74472-37-0	ppt	64	15	23	200	8,960	320	2,420	1,490	1,300	2,350	2,400	652	450	N/G	NP
PCB-123	65510-44-3	ppt	64	50	78	310	37,700	320	1,850	8,610	8,590	8,500	8,460	4,050	7,250	G	N
PCB-124	70424-70-3	ppt	64	44	69	530	16,300	320	1,850	3,910	3,950	3,970	3,900	1,960	2,370	G/Ln	NP
PCB-126	57465-28-8	ppt	64	2	3	480	850	320	2,560	515	--	304	--	439	443	--	--
PCB-127	39635-33-1	ppt	64	0	0	--	--	320	2,550	--	--	--	--	--	--	--	--
PCB-130	52663-66-8	ppt	64	49	77	400	15,500	320	1,710	4,520	4,540	4,290	4,240	2,330	3,290	G	N
PCB-131	61798-70-7	ppt	64	49	77	460	9,090	320	1,850	2,430	2,460	2,170	2,130	1,540	1,900	G/Ln	NP
PCB-135	52744-13-5	ppt	64	53	83	160	29,300	320	1,830	7,480	7,460	7,090	7,060	3,790	5,870	G	NP
PCB-136	38411-22-2	ppt	64	63	98	200	27,000	1,710	1,710	7,460	7,460	6,830	6,780	4,140	5,590	G	NP
PCB-137	35694-06-5	ppt	64	49	77	180	12,000	320	1,850	3,490	3,450	3,300	3,310	1,920	2,400	G	NP
PCB-140	59291-64-4	ppt	64	20	31	570	3,350	320	2,430	812	917	764	681	566	518	NP	NP
PCB-141	52712-04-6	ppt	64	52	81	260	43,900	320	1,830	11,800	11,700	11,700	11,700	5,120	7,620	G	N

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-144	68194-14-9	ppt	64	53	83	40.0	13,200	320	1,820	3,520	3,490	3,260	3,260	2,030	2,530	G	NP
PCB-15	2050-68-2	ppt	64	43	67	630	80,500	650	4,310	16,700	16,600	19,500	19,500	6,400	13,300	G	NP
PCB-151	52663-63-5	ppt	64	53	83	90.0	51,300	320	1,830	14,600	14,500	13,700	13,600	6,180	11,700	NP	N
PCB-153	35065-27-1	ppt	64	55	86	120	220,000	400	1,830	61,700	61,700	59,500	59,000	20,000	47,900	NP	NP
PCB-154	60145-22-4	ppt	64	48	75	270	3,680	320	1,850	1,290	1,300	957	946	956	1,020	G/Ln	Ln
PCB-155	33979-03-2	ppt	64	27	42	350	2,250	320	2,420	778	752	531	529	619	608	G/Ln	NP
PCB-156	38380-08-4	ppt	64	52	81	40.0	29,900	320	1,850	7,550	7,510	7,360	7,340	3,500	5,630	NP	NP
PCB-157	69782-90-7	ppt	64	45	70	270	5,470	320	1,850	1,760	1,750	1,470	1,470	1,140	1,350	G	N/Ln
PCB-166	41411-63-6	ppt	64	6	9	370	3,800	320	2,560	590	491	530	477	464	405	N/G/Ln	NP
PCB-167	52663-72-6	ppt	64	49	77	160	10,400	320	1,850	2,970	2,940	2,660	2,680	1,770	2,300	G	N
PCB-169	32774-16-6	ppt	64	8	13	570	8,720	320	2,560	1,180	1,240	2,040	1,980	571	455	N	NP
PCB-17	37680-66-3	ppt	64	49	77	310	137,000	320	2,160	29,000	29,000	36,900	36,700	8,390	16,800	G	NP
PCB-170	35065-30-6	ppt	64	53	83	170	49,500	320	1,820	13,900	13,800	13,000	12,900	5,990	11,900	NP	NP
PCB-171	52663-71-5	ppt	64	52	81	220	13,800	320	1,830	4,090	4,070	3,660	3,650	2,310	3,340	NP	NP
PCB-172	52663-74-8	ppt	64	51	80	280	9,650	320	1,820	2,940	2,930	2,560	2,550	1,800	2,260	NP	NP
PCB-173	68194-16-1	ppt	64	21	33	420	1,980	320	2,430	620	652	425	375	498	473	N/G/Ln	NP
PCB-174	38411-25-5	ppt	64	53	83	260	51,000	320	1,820	15,100	15,100	14,600	14,500	6,360	11,400	NP	NP
PCB-175	40186-70-7	ppt	64	50	78	70.0	2,790	320	1,830	954	949	688	691	720	765	G	Ln
PCB-176	52663-65-7	ppt	64	51	80	10.0	6,540	320	1,820	2,110	2,080	1,910	1,930	1,170	1,550	NP	NP
PCB-177	52663-70-4	ppt	64	53	83	50.0	31,400	320	1,820	9,470	9,440	8,760	8,730	4,270	7,920	NP	NP
PCB-178	52663-67-9	ppt	64	52	81	230	10,100	320	1,830	3,250	3,230	2,770	2,770	1,980	2,640	G	NP
PCB-179	52663-64-6	ppt	64	54	84	110	21,500	320	1,770	7,020	7,000	6,580	6,550	3,380	5,300	NP	NP
PCB-18	37680-65-2	ppt	64	50	78	480	363,000	320	2,160	63,000	63,000	84,700	84,100	15,100	31,300	G	NP
PCB-180	35065-29-3	ppt	64	54	84	160	115,000	400	1,830	35,000	35,000	32,600	32,400	12,800	28,900	NP	NP
PCB-183	52663-69-1	ppt	64	53	83	20.0	32,800	320	1,830	10,100	10,100	9,370	9,350	4,420	8,110	NP	NP
PCB-184	74472-48-3	ppt	64	5	8	840	2,130	320	2,430	553	908	429	255	442	370	N/G/Ln	NP
PCB-185	52712-05-7	ppt	64	51	80	260	8,190	320	1,820	2,460	2,460	2,210	2,190	1,530	1,750	G	NP
PCB-188	74487-85-7	ppt	64	18	28	210	2,000	320	2,430	605	536	492	504	463	370	N	NP
PCB-189	39635-31-9	ppt	64	24	38	210	3,520	320	2,160	779	710	680	713	567	513	N/G/Ln	NP
PCB-19	38444-73-4	ppt	64	28	44	1,120	28,000	320	2,420	5,060	5,420	7,620	7,340	1,480	968	G/Ln	NP
PCB-190	41411-64-7	ppt	64	50	78	250	11,700	320	1,830	3,590	3,570	3,090	3,090	2,100	2,880	G	N
PCB-191	74472-50-7	ppt	64	46	72	220	2,510	320	1,850	890	898	598	591	701	775	G/Ln	Ln
PCB-193	69782-91-8	ppt	64	52	81	100	5,980	320	1,820	2,000	1,990	1,590	1,600	1,340	1,600	G	NP
PCB-194	35694-08-7	ppt	64	51	80	280	31,600	320	1,820	9,380	9,360	8,380	8,330	4,410	8,660	NP	NP
PCB-195	52663-78-2	ppt	64	50	78	70.0	9,870	320	1,820	3,050	3,000	2,670	2,690	1,770	2,470	NP	NP
PCB-197	33091-17-7	ppt	64	47	73	30.0	1,900	320	1,820	630	627	425	422	498	470	G	NP
PCB-198	68194-17-2	ppt	64	25	39	320	16,100	320	1,770	1,490	1,490	3,060	3,040	643	450	NP	NP
PCB-199	52663-75-9	ppt	64	53	83	190	39,000	320	1,770	12,100	12,100	11,000	11,000	5,520	9,680	G	N

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-200	52663-73-7	ppt	64	51	80	20.0	4,040	320	1,830	1,400	1,390	1,090	1,100	962	1,050	G	Ln
PCB-201	40186-71-8	ppt	64	49	77	90.0	4,560	320	1,820	1,580	1,580	1,320	1,320	1,050	1,130	G	Ln
PCB-202	2136-99-4	ppt	64	52	81	100	14,500	320	1,770	2,850	2,820	2,660	2,660	1,670	2,120	NP	NP
PCB-205	74472-53-0	ppt	64	38	59	80.0	2,240	320	2,160	635	597	410	421	512	575	G	Ln
PCB-206	40186-72-9	ppt	64	53	83	20.0	91,700	320	1,770	9,430	9,400	12,900	12,800	4,000	7,110	NP	NP
PCB-207	52663-79-3	ppt	64	49	77	270	5,150	320	1,820	1,170	1,180	939	925	863	915	G/Ln	Ln
PCB-208	52663-77-1	ppt	64	51	80	40.0	39,500	320	1,770	3,240	3,210	5,290	5,270	1,610	2,020	NP	NP
PCB-209	2051-24-3	ppt	64	59	92	10.0	93,900	390	1,710	11,000	11,000	14,100	14,000	4,250	7,520	NP	NP
PCB-22	38444-85-8	ppt	64	44	69	530	165,000	320	2,160	30,700	30,600	40,400	40,100	7,590	18,400	G	NP
PCB-25	55712-37-3	ppt	64	40	63	1,150	51,100	320	2,420	11,600	11,900	13,300	13,000	3,750	8,840	G	NP
PCB-26	38444-81-4	ppt	64	50	78	270	84,900	320	2,160	19,100	19,100	21,400	21,200	7,040	13,200	G	N
PCB-28	7012-37-5	ppt	64	49	77	610	408,000	320	2,160	86,500	86,500	106,000	105,000	19,900	62,300	G	NP
PCB-29	15862-07-4	ppt	64	0	0	--	--	320	2,550	--	--	--	--	--	--	--	--
PCB-3	2051-62-9	ppt	64	1	2	9,820	9,820	320	2,550	649	--	1,200	--	447	405	--	--
PCB-30	35693-92-6	ppt	64	0	0	--	--	320	2,550	--	--	--	--	--	--	--	--
PCB-31	16606-02-3	ppt	64	49	77	570	375,000	320	2,160	76,700	76,800	95,400	94,600	17,900	53,100	G	NP
PCB-37	38444-90-5	ppt	64	46	72	530	145,000	320	2,160	29,100	29,100	35,000	34,700	8,420	21,100	G	NP
PCB-40	38444-93-8	ppt	64	48	75	790	83,000	320	1,850	17,000	17,000	20,400	20,200	5,850	10,400	G/Ln	NP
PCB-44	41464-39-5	ppt	64	56	88	1,020	586,000	320	1,770	144,000	144,000	150,000	149,000	44,300	91,700	G	NP
PCB-45	70362-45-7	ppt	64	52	81	320	92,600	320	2,120	20,200	20,200	23,200	23,000	7,400	12,900	G	NP
PCB-46	41464-47-5	ppt	64	35	55	430	44,600	320	2,430	6,690	6,640	9,900	9,850	2,140	2,210	G/Ln	NP
PCB-47	2437-79-8	ppt	64	52	81	380	109,000	320	1,820	27,300	27,300	27,500	27,200	10,200	21,800	G	N
PCB-50	62796-65-0	ppt	64	0	0	--	--	320	2,560	--	--	--	--	--	--	--	--
PCB-51	68194-04-7	ppt	64	41	64	210	20,200	320	2,320	4,120	4,040	5,050	5,080	1,880	2,450	G	NP
PCB-53	41464-41-9	ppt	64	47	73	240	60,000	320	2,160	11,700	11,700	14,900	14,800	4,240	7,720	G	NP
PCB-54	15968-05-5	ppt	64	7	11	90.0	2,160	320	2,560	553	226	416	371	437	370	G/Ln	NP
PCB-6	25569-80-6	ppt	64	22	34	2,300	19,500	320	2,430	3,280	4,500	5,060	4,360	1,030	525	G/Ln	NP
PCB-63	74472-34-7	ppt	64	46	72	330	31,800	320	2,420	6,510	6,470	7,230	7,210	2,950	4,450	G	NP
PCB-67	73575-53-8	ppt	64	35	55	560	17,700	320	2,430	3,850	3,860	4,480	4,430	1,710	1,950	G/Ln	NP
PCB-74	32690-93-0	ppt	64	53	83	330	216,000	320	1,820	46,400	46,400	56,200	55,800	14,200	30,600	G	NP
PCB-77	32598-13-3	ppt	64	39	61	400	32,800	320	2,420	4,620	4,590	6,850	6,810	1,850	1,420	Ln	NP
PCB-80	33284-52-5	ppt	64	2	3	7,400	16,700	320	2,430	849	--	2,210	--	460	370	--	--
PCB-81	70362-50-4	ppt	64	3	5	6,850	9,290	320	2,560	835	--	1,600	--	478	370	--	--
PCB-82	52663-62-4	ppt	64	50	78	870	61,000	320	1,830	12,200	12,300	13,000	12,800	5,230	9,030	G/Ln	N
PCB-83	60145-20-2	ppt	64	51	80	360	29,900	320	1,850	8,010	8,000	7,610	7,560	3,990	7,000	NP	N
PCB-97	41464-51-1	ppt	64	53	83	410	123,000	320	1,830	27,900	27,900	29,100	28,800	10,400	20,600	G	NP
PCB-99	38380-01-7	ppt	64	53	83	350	133,000	320	1,820	31,900	31,900	32,000	31,700	11,700	25,700	NP	N

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	22	19	86	0.17	10.8	1.1	1.3	2.2	2.2	2.5	2.5	1.3	1.1	G/Ln	G/Ln
Metals																	
Aluminum	7429-90-5	ppm	22	22	100	3,160	19,500	--	--	11,300	11,300	3,670	3,670	10,600	11,400	N/G	N/G
Antimony	7440-36-0	ppm	22	22	100	0.16	24.8	--	--	1.9	1.9	5.1	5.1	0.75	0.71	NP	NP
Arsenic	7440-38-2	ppm	22	22	100	4.6	53.2	--	--	18.1	18.1	13.8	13.8	13.9	13.5	G/Ln	G/Ln
Barium	7440-39-3	ppm	22	22	100	33.7	436	--	--	180	180	120	120	145	146	G/Ln	G/Ln
Beryllium	7440-41-7	ppm	22	22	100	0.26	1.5	--	--	0.79	0.79	0.28	0.28	0.73	0.81	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm	22	22	100	0.49	11.8	--	--	3.8	3.8	3.7	3.7	2.4	2.1	G/Ln	G/Ln
Calcium	7440-70-2	ppm	22	22	100	1,090	14,500	--	--	6,590	6,590	3,320	3,320	5,740	6,270	N/G/Ln	N/G/Ln
Chromium	7440-47-3	ppm	22	22	100	21.2	333	--	--	133	133	94.1	94.1	105	97.1	G/Ln	G/Ln
Cobalt	7440-48-4	ppm	22	22	100	3.4	12.7	--	--	8.8	8.8	2.6	2.6	8.4	9.3	N/G	N/G
Copper	7440-50-8	ppm	22	22	100	23.3	543	--	--	205	205	167	167	149	146	G/Ln	G/Ln
Iron	7439-89-6	ppm	22	22	100	8,560	41,100	--	--	24,200	24,200	7,520	7,520	22,900	24,400	N/G/Ln	N/G/Ln
Lead	7439-92-1	ppm	22	22	100	22.3	411	--	--	178	178	116	116	141	142	G/Ln	G/Ln
Magnesium	7439-95-4	ppm	22	22	100	1,830	8,930	--	--	6,540	6,540	1,780	1,780	6,220	6,840	N	N
Manganese	7439-96-5	ppm	22	22	100	154	455	--	--	320	320	83.2	83.2	308	334	N/G	N/G
Mercury	7439-97-6	ppm	22	22	100	0.60	19.0	--	--	5.7	5.7	5.5	5.5	3.7	3.8	G/Ln	G/Ln
Nickel	7440-02-0	ppm	22	22	100	6.7	56.8	--	--	33.6	33.6	13.7	13.7	30.4	30.5	N/G	N/G
Potassium	7440-09-7	ppm	22	22	100	770	3,230	--	--	2,270	2,270	614	614	2,170	2,360	N/G	N/G
Selenium	7782-49-2	ppm	22	22	100	0.28	5.0	--	--	1.7	1.7	1.2	1.2	1.3	1.4	G/Ln	G/Ln
Silver	7440-22-4	ppm	22	22	100	0.26	9.8	--	--	3.1	3.1	2.5	2.5	2.3	2.3	G/Ln	G/Ln
Sodium	7440-23-5	ppm	22	22	100	1,840	11,800	--	--	6,970	6,970	2,630	2,630	6,350	7,350	N/G	N/G
Thallium	7440-28-0	ppm	22	22	100	0.076	0.48	--	--	0.23	0.23	0.098	0.098	0.21	0.23	N/G/Ln	N/G/Ln
Titanium	7440-32-6	ppm	22	22	100	96.0	485	--	--	318	318	96.8	96.8	300	321	N/G	N/G
Vanadium	7440-62-2	ppm	22	22	100	10.5	87.4	--	--	38.6	38.6	18.2	18.2	34.7	33.8	N/G/Ln	N/G/Ln
Zinc	7440-66-6	ppm	22	22	100	34.1	638	--	--	259	259	172	172	207	210	G/Ln	G/Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	56	51	91	0.21	43.1	0.62	1.1	5.5	5.5	9.0	8.9	2.1	2.4	Ln	Ln
Metals																	
Antimony	7440-36-0	ppm	56	56	100	0.035	10.4	--	--	1.4	1.4	1.5	1.5	0.93	1.0	G	G
Arsenic	7440-38-2	ppm	56	56	100	2.5	103	--	--	31.9	31.9	28.6	28.6	21.4	15.9	NP	NP
Barium	7440-39-3	ppm	56	56	100	6.6	738	--	--	270	270	201	201	189	162	NP	NP
Beryllium	7440-41-7	ppm	56	56	100	0.34	1.2	--	--	0.85	0.85	0.21	0.21	0.82	0.87	N	N
Cadmium	7440-43-9	ppm	56	56	100	0.046	24.8	--	--	7.3	7.3	6.7	6.7	4.0	3.5	Ln	Ln
Calcium	7440-70-2	ppm	56	56	100	256	11,000	--	--	5,250	5,250	1,890	1,890	4,680	5,320	NP	NP

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Chromium	7440-47-3	ppm	56	56	100	13.1	938	--	--	241	241	201	201	166	155	G/Ln	G/Ln
Cobalt	7440-48-4	ppm	56	56	100	2.9	13.9	--	--	9.6	9.6	2.3	2.3	9.3	9.9	N	N
Copper	7440-50-8	ppm	56	56	100	4.2	1,060	--	--	364	364	295	295	220	219	G	G
Iron	7439-89-6	ppm	56	56	100	10,900	35,200	--	--	26,400	26,400	5,440	5,440	25,700	27,900	NP	NP
Lead	7439-92-1	ppm	56	56	100	4.0	823	--	--	280	280	205	205	184	214	NP	NP
Magnesium	7439-95-4	ppm	56	56	100	1,650	8,830	--	--	6,780	6,780	1,640	1,640	6,480	7,220	NP	NP
Manganese	7439-96-5	ppm	56	56	100	62.8	578	--	--	320	320	89.5	89.5	304	335	NP	NP
Mercury	7439-97-6	ppm	56	56	100	0.013	36.7	--	--	10.5	10.5	9.5	9.5	5.1	5.7	G	G
Nickel	7440-02-0	ppm	56	56	100	8.2	72.8	--	--	40.2	40.2	15.5	15.5	36.5	36.5	N	N
Potassium	7440-09-7	ppm	56	56	100	793	3,120	--	--	2,380	2,380	534	534	2,300	2,510	NP	NP
Selenium	7782-49-2	ppm	56	56	100	0.12	8.6	--	--	2.8	2.8	2.1	2.1	2.0	1.9	Ln	Ln
Silver	7440-22-4	ppm	56	56	100	0.019	11.4	--	--	4.9	4.9	3.3	3.3	3.1	3.9	NP	NP
Sodium	7440-23-5	ppm	56	56	100	808	11,700	--	--	7,040	7,040	2,340	2,340	6,450	7,300	NP	NP
Thallium	7440-28-0	ppm	56	56	100	0.035	0.55	--	--	0.29	0.29	0.13	0.13	0.26	0.27	N/G	N/G
Titanium	7440-32-6	ppm	56	56	100	132	485	--	--	338	338	80.0	80.0	326	352	N	N
Vanadium	7440-62-2	ppm	56	56	100	11.9	68.2	--	--	42.5	42.5	13.8	13.8	39.9	40.5	N/G/Ln	N/G/Ln
Zinc	7440-66-6	ppm	56	56	100	18.6	965	--	--	389	389	255	255	288	277	G	G
Subsurface (>3.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	64	56	88	0.16	108	0.58	1.1	7.4	7.4	15.6	15.5	2.1	1.9	Ln	Ln
Metals																	
Aluminum	7429-90-5	ppm	64	64	100	3,870	16,900	--	--	12,600	12,600	2,880	2,880	12,100	13,400	NP	NP
Antimony	7440-36-0	ppm	64	64	100	0.071	84.3	--	--	4.1	4.1	11.5	11.5	1.3	1.4	Ln	Ln
Arsenic	7440-38-2	ppm	64	64	100	1.0	227	--	--	46.5	46.5	43.3	43.3	28.8	31.3	G/Ln	G/Ln
Barium	7440-39-3	ppm	64	64	100	14.4	1,470	--	--	292	292	304	304	174	177	NP	NP
Beryllium	7440-41-7	ppm	64	64	100	0.22	1.3	--	--	0.87	0.87	0.23	0.23	0.82	0.88	NP	NP
Cadmium	7440-43-9	ppm	64	64	100	0.050	23.9	--	--	7.9	7.9	7.2	7.2	3.9	5.4	G	G
Calcium	7440-70-2	ppm	64	64	100	258	13,500	--	--	5,200	5,200	2,470	2,470	4,350	5,350	N	N
Chromium	7440-47-3	ppm	64	64	100	12.2	829	--	--	260	260	203	203	173	198	G	G
Cobalt	7440-48-4	ppm	64	64	100	2.4	20.3	--	--	10.2	10.2	3.0	3.0	9.6	10.4	NP	NP
Copper	7440-50-8	ppm	64	64	100	5.1	1,120	--	--	369	369	299	299	220	274	G	G
Iron	7439-89-6	ppm	64	64	100	6,520	34,800	--	--	26,200	26,200	5,930	5,930	25,300	27,800	NP	NP
Lead	7439-92-1	ppm	64	64	100	6.1	1,000	--	--	296	296	217	217	190	257	N	N
Magnesium	7439-95-4	ppm	64	64	100	1,600	8,460	--	--	6,500	6,500	1,740	1,740	6,160	7,120	NP	NP
Manganese	7439-96-5	ppm	64	64	100	49.7	550	--	--	315	315	102	102	289	334	NP	NP
Mercury	7439-97-6	ppm	64	63	98	0.027	47.3	0.032	0.032	10.9	10.9	10.4	10.3	5.4	7.3	G	NP
Nickel	7440-02-0	ppm	64	64	100	6.8	92.5	--	--	41.6	41.6	17.7	17.7	37.1	38.7	NP	NP
Potassium	7440-09-7	ppm	64	64	100	664	3,310	--	--	2,290	2,290	613	613	2,180	2,460	NP	NP
Selenium	7782-49-2	ppm	64	64	100	0.15	8.3	--	--	2.9	2.9	2.1	2.1	2.0	2.3	G/Ln	G/Ln

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Silver	7440-22-4	ppm	64	64	100	0.011	10.5	--	--	4.4	4.4	3.1	3.1	2.5	4.3	N	N
Sodium	7440-23-5	ppm	64	64	100	775	9,950	--	--	5,940	5,940	2,210	2,210	5,330	6,340	N	N
Thallium	7440-28-0	ppm	64	64	100	0.038	0.61	--	--	0.30	0.30	0.15	0.15	0.26	0.28	NP	NP
Titanium	7440-32-6	ppm	64	64	100	72.0	481	--	--	323	323	89.3	89.3	306	327	N	N
Vanadium	7440-62-2	ppm	64	64	100	9.6	74.2	--	--	42.5	42.5	14.3	14.3	39.6	41.4	NP	NP
Zinc	7440-66-6	ppm	64	64	100	20.2	998	--	--	402	402	262	262	289	351	NP	NP

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb	22	0	0	--	--	21	46,000	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	22	0	0	--	--	21	46,000	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	22	0	0	--	--	21	46,000	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	22	1	5	450	450	21	46,000	1,100	--	4,900	--	30	20	--	--
Aroclor-1248	12672-29-6	ppb	22	21	96	76	2,200,000	49	49	100,000	100,000	470,000	460,000	670	420	NP	NP
Aroclor-1254	11097-69-1	ppb	22	0	0	--	--	21	46,000	--	--	--	--	--	--	--	--
Aroclor-1260	11096-82-5	ppb	22	0	0	--	--	21	46,000	--	--	--	--	--	--	--	--
Aroclor-1262	37324-23-5	ppb	22	0	0	--	--	21	46,000	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	22	0	0	--	--	21	46,000	--	--	--	--	--	--	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb	22	22	100	76	2,200,000	--	--	100,000	100,000	470,000	470,000	760	480	NP	NP
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb	22	22	100	76	2,200,000	--	--	100,000	100,000	470,000	470,000	760	480	NP	NP
Pesticides																	
4,4'-DDD	72-54-8	ppb	22	22	100	14	220	--	--	64	64	58	58	46	38	G/Ln	G/Ln
4,4'-DDE	72-55-9	ppb	22	22	100	20	660	--	--	150	150	180	180	83	81	G/Ln	G/Ln
4,4'-DDT	50-29-3	ppb	22	12	55	8.5	360	5.2	51	52	53	86	84	20	21	G/Ln	NP
Aldrin	309-00-2	ppb	22	0	0	--	--	2.6	26	--	--	--	--	--	--	--	--
Alpha-BHC	319-84-6	ppb	22	0	0	--	--	2.6	26	--	--	--	--	--	--	--	--
Alpha-Chlordane	5103-71-9	ppb	22	1	5	17	17	2.6	26	5.0	--	4.8	--	3.4	2.3	--	--
Beta-BHC	319-85-7	ppb	22	0	0	--	--	2.6	26	--	--	--	--	--	--	--	--
Delta-BHC	319-86-8	ppb	22	0	0	--	--	2.6	26	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb	22	0	0	--	--	5.0	51	--	--	--	--	--	--	--	--
Endosulfan I	959-98-8	ppb	22	0	0	--	--	2.6	26	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb	22	0	0	--	--	5.0	51	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb	22	1	5	3.1	3.1	5.0	51	8.3	--	7.8	--	5.9	4.2	--	--
Endrin	72-20-8	ppb	22	0	0	--	--	5.0	51	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb	22	0	0	--	--	5.0	51	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb	22	0	0	--	--	5.0	51	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	22	0	0	--	--	2.6	26	--	--	--	--	--	--	--	--
Gamma-Chlordane	5566-34-7	ppb	22	1	5	61	61	2.6	26	7.0	--	13	--	3.6	2.3	--	--
Heptachlor	76-44-8	ppb	22	1	5	49	49	2.6	26	6.4	--	10	--	3.5	2.3	--	--
Heptachlor Epoxide	1024-57-3	ppb	22	0	0	--	--	2.6	26	--	--	--	--	--	--	--	--
Methoxychlor	72-43-5	ppb	22	0	0	--	--	26	260	--	--	--	--	--	--	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb	22	1	5	78	78	2.6	26	7.7	--	16	--	3.6	2.3	--	--
Total DDT (4,4)	No CAS	ppb	22	22	100	34	930	--	--	260	260	270	270	160	160	G/Ln	G/Ln
Toxaphene	8001-35-2	ppb	22	0	0	--	--	50	510	--	--	--	--	--	--	--	--

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Semivolatiles																	
1,2,4-Trichlorobenzene	120-82-1	ppb	22	10	46	19	110	360	3,700	240	52	380	33	120	180	NP	NP
1,2-Dichlorobenzene	95-50-1	ppb	22	4	18	48	73	360	3,700	320	--	370	--	230	270	--	--
1,3-Dichlorobenzene	541-73-1	ppb	22	4	18	58	99	360	3,700	320	--	360	--	240	270	--	--
1,4-Dichlorobenzene	106-46-7	ppb	22	16	73	24	260	360	3,700	210	95	380	81	110	83	NP	NP
2,4,5-Trichlorophenol	95-95-4	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	22	0	0	--	--	2,200	23,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	22	21	96	15	1,100	690	690	190	180	250	250	96	95	G/Ln	G/Ln
2-Methylphenol	95-48-7	ppb	22	1	5	33	33	360	3,700	370	--	360	--	290	280	--	--
2-Nitroaniline	88-74-4	ppb	22	0	0	--	--	2,200	23,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	22	2	9	59	350	2,200	23,000	2,200	--	2,200	--	1,500	1,700	--	--
3-Nitroaniline	99-09-2	ppb	22	0	0	--	--	2,200	23,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	22	0	0	--	--	2,200	23,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	22	10	46	22	420	360	1,200	230	140	140	130	180	230	G/Ln	NP
4-Chlorophenyl phenyl ether	7005-72-3	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	22	17	77	30	220	360	3,700	180	79	380	50	96	71	G/Ln	G/Ln
4-Nitroaniline	100-01-6	ppb	22	0	0	--	--	2,200	23,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	22	0	0	--	--	2,200	23,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	22	19	86	18	1,000	360	690	180	160	230	230	100	88	Ln	Ln
Acenaphthylene	208-96-8	ppb	22	20	91	24	580	360	690	190	180	150	140	140	140	G/Ln	G/Ln
Anthracene	120-12-7	ppb	22	22	100	47	5,200	--	--	700	700	1,200	1,200	320	300	Ln	Ln
Benzo(a)anthracene	56-55-3	ppb	22	22	100	84	8,400	--	--	1,100	1,100	1,800	1,800	640	570	Ln	Ln
Benzo(a)pyrene	50-32-8	ppb	22	22	100	69	4,600	--	--	930	930	970	970	640	570	G/Ln	G/Ln
Benzo(b)fluoranthene	205-99-2	ppb	22	22	100	68	5,900	--	--	1,100	1,100	1,300	1,300	760	710	G/Ln	G/Ln
Benzo(g,h,i)perylene	191-24-2	ppb	22	22	100	48	2,000	--	--	560	560	470	470	420	380	G/Ln	G/Ln
Benzo(k)fluoranthene	207-08-9	ppb	22	22	100	27	1,600	--	--	390	390	390	390	260	240	G/Ln	G/Ln
bis(2-Chloroethoxy)methane	111-91-1	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	22	22	100	320	61,000	--	--	8,100	8,100	14,000	14,000	3,200	3,100	Ln	Ln
Butyl benzyl phthalate	85-68-7	ppb	22	9	41	35	370	360	3,700	310	110	380	110	190	250	NP	NP
Carbazole	86-74-8	ppb	22	17	77	14	440	360	1,200	160	98	170	120	87	74	G/Ln	Ln
Chrysene	218-01-9	ppb	22	22	100	74	6,800	--	--	1,100	1,100	1,500	1,500	680	640	G/Ln	G/Ln
Dibenzo(a,h)anthracene	53-70-3	ppb	22	20	91	31	610	360	690	160	150	140	130	120	110	G/Ln	G/Ln
Dibenzofuran	132-64-9	ppb	22	16	73	18	370	360	690	140	95	110	90	96	89	G/Ln	G/Ln
Diethyl phthalate	84-66-2	ppb	22	1	5	37	37	360	3,700	370	--	350	--	290	280	--	--
Dimethylphthalate	131-11-3	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	22	10	46	18	90	360	3,700	270	44	400	19	130	180	N/G/Ln	NP
Di-n-Octylphthalate	117-84-0	ppb	22	1	5	79	79	360	3,700	370	--	350	--	300	280	--	--
Fluoranthene	206-44-0	ppb	22	22	100	110	22,000	--	--	2,400	2,400	4,700	4,700	1,000	860	Ln	Ln
Fluorene	86-73-7	ppb	22	19	86	21	920	360	690	200	180	240	230	120	140	Ln	Ln
Hexachlorobenzene	118-74-1	ppb	22	1	5	61	61	360	3,700	370	--	350	--	300	280	--	--
Hexachlorobutadiene	87-68-3	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	22	22	100	43	2,300	--	--	570	570	530	530	400	360	G/Ln	G/Ln
Isophorone	78-59-1	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	22	22	100	22	600	--	--	190	190	170	170	130	110	G/Ln	G/Ln
Nitrobenzene	98-95-3	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	22	0	0	--	--	360	3,700	--	--	--	--	--	--	--	--
Pentachlorophenol	87-86-5	ppb	22	0	0	--	--	2,200	23,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb	22	22	100	39	8,300	--	--	940	940	1,800	1,800	420	360	Ln	Ln
Phenol	108-95-2	ppb	22	1	5	150	150	360	3,700	380	--	350	--	310	280	--	--
Pyrene	129-00-0	ppb	22	22	100	180	18,000	--	--	2,200	2,200	3,800	3,800	1,200	1,100	Ln	Ln
Total HMW PAHs-SVOC	No CAS	ppb	22	22	100	700	72,000	--	--	11,000	11,000	15,000	15,000	6,300	5,400	Ln	Ln
Total LMW PAHs-SVOC	No CAS	ppb	22	22	100	120	17,000	--	--	2,500	2,500	3,800	3,800	1,200	1,200	G/Ln	G/Ln
TOTAL PAHs - SVOC	No CAS	ppb	22	22	100	830	89,000	--	--	13,000	13,000	19,000	19,000	7,600	6,600	G/Ln	G/Ln
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	22	22	100	560	10,000	--	--	2,900	2,900	2,700	2,700	2,000	1,600	G/Ln	G/Ln
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
1,2-Dichloropropane	78-87-5	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	ppb	22	19	86	6.0	47	20	6,700	260	24	790	13	30	27	N/G/Ln	N/G/Ln
2-Hexanone	591-78-6	ppb	22	0	0	--	--	15	6,700	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb	22	0	0	--	--	15	6,700	--	--	--	--	--	--	--	--
Acetone	67-64-1	ppb	22	20	91	6.2	1,600	3,700	6,700	400	180	820	330	120	110	Ln	Ln
Benzene	71-43-2	ppb	22	4	18	1.4	66	7.3	93	14	--	16	--	9.3	8.1	--	--
Bromodichloromethane	75-27-4	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb	22	20	91	0.55	20	93	170	12	6.4	19	5.6	5.1	5.6	G/Ln	G/Ln
Carbon Tetrachloride	56-23-5	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb	22	12	55	0.11	40	9.8	93	8.9	3.8	13	9.4	3.0	4.9	Ln	NP
Chloroethane	75-00-3	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb	22	5	23	0.92	360	7.3	93	32	25	80	79	9.4	7.3	G/Ln	NP
Methylene Chloride	75-09-2	ppb	22	22	100	2.7	110	--	--	19	19	29	29	9.0	6.3	NP	NP
Styrene	100-42-5	ppb	22	1	5	1.2	1.2	7.3	170	13	--	19	--	8.5	7.3	--	--
Tetrachloroethene	127-18-4	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb	22	6	27	0.37	6.7	7.3	170	12	2.0	19	2.2	5.6	6.8	G/Ln	NP
trans-1,3-Dichloropropene	10061-02-6	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb	22	0	0	--	--	7.3	170	--	--	--	--	--	--	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb	56	0	0	--	--	20	53	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	56	0	0	--	--	20	53	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	56	0	0	--	--	20	53	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	56	0	0	--	--	20	53	--	--	--	--	--	--	--	--
Aroclor-1248	12672-29-6	ppb	56	48	86	240	5,100	20	38	1,400	1,400	1,400	1,300	600	750	NP	NP
Aroclor-1254	11097-69-1	ppb	56	0	0	--	--	20	53	--	--	--	--	--	--	--	--
Aroclor-1260	11096-82-5	ppb	56	0	0	--	--	20	53	--	--	--	--	--	--	--	--
Aroclor-1262	37324-23-5	ppb	56	0	0	--	--	20	53	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	56	0	0	--	--	20	53	--	--	--	--	--	--	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb	56	48	86	240	5,100	20	38	1,400	1,400	1,400	1,300	600	750	NP	NP
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb	56	48	86	240	5,100	20	38	1,400	1,400	1,400	1,300	600	750	NP	NP

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Pesticides																	
4,4'-DDD	72-54-8	ppb	56	52	93	12	1,200	3.9	5.6	110	110	200	200	52	52	Ln	Ln
4,4'-DDE	72-55-9	ppb	56	54	96	1.3	10,000	3.9	7.1	580	580	1,700	1,600	110	79	Ln	Ln
4,4'-DDT	50-29-3	ppb	56	29	52	14	970	3.9	410	72	67	150	150	23	26	NP	NP
Aldrin	309-00-2	ppb	56	0	0	--	--	2.0	440	--	--	--	--	--	--	--	--
Alpha-BHC	319-84-6	ppb	56	0	0	--	--	2.0	440	--	--	--	--	--	--	--	--
Alpha-Chlordane	5103-71-9	ppb	56	0	0	--	--	2.0	440	--	--	--	--	--	--	--	--
Beta-BHC	319-85-7	ppb	56	0	0	--	--	2.0	440	--	--	--	--	--	--	--	--
Delta-BHC	319-86-8	ppb	56	0	0	--	--	2.0	440	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb	56	0	0	--	--	3.9	850	--	--	--	--	--	--	--	--
Endosulfan I	959-98-8	ppb	56	0	0	--	--	2.0	440	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb	56	0	0	--	--	3.9	850	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb	56	1	2	17	17	3.9	850	26	--	68	--	7.7	4.0	--	--
Endrin	72-20-8	ppb	56	0	0	--	--	3.9	850	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb	56	0	0	--	--	3.9	850	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb	56	0	0	--	--	3.9	850	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	56	0	0	--	--	2.0	440	--	--	--	--	--	--	--	--
Gamma-Chlordane	5566-34-7	ppb	56	0	0	--	--	2.0	440	--	--	--	--	--	--	--	--
Heptachlor	76-44-8	ppb	56	1	2	72	72	2.0	440	14	--	36	--	4.0	2.0	--	--
Heptachlor Epoxide	1024-57-3	ppb	56	0	0	--	--	2.0	440	--	--	--	--	--	--	--	--
Methoxychlor	72-43-5	ppb	56	0	0	--	--	20	4,400	--	--	--	--	--	--	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb	56	0	0	--	--	2.0	440	--	--	--	--	--	--	--	--
Total DDT (4,4)	No CAS	ppb	56	55	98	1.3	12,000	3.9	3.9	740	740	1,900	1,900	190	200	NP	NP
Toxaphene	8001-35-2	ppb	56	0	0	--	--	39	8,500	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4-Trichlorobenzene	120-82-1	ppb	56	29	52	13	320	330	6,800	270	78	510	72	130	170	Ln	NP
1,2-Dichlorobenzene	95-50-1	ppb	56	15	27	35	230	330	6,800	350	87	530	60	220	260	G/Ln	NP
1,3-Dichlorobenzene	541-73-1	ppb	56	15	27	34	130	330	6,800	360	73	540	33	220	260	G/Ln	NP
1,4-Dichlorobenzene	106-46-7	ppb	56	49	88	27	840	330	580	180	170	190	190	110	110	NP	NP
2,4,5-Trichlorophenol	95-95-4	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	56	0	0	--	--	2,000	42,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	56	1	2	1,100	1,100	330	6,800	550	--	690	--	370	290	--	--
2-Chloronaphthalene	91-58-7	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2-Methylnaphthalene	91-57-6	ppb	56	52	93	21	4,500	330	430	560	550	890	880	200	150	NP	NP
2-Methylphenol	95-48-7	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	56	0	0	--	--	2,000	42,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	56	11	20	46	500	2,000	42,000	2,700	230	4,000	150	1,300	1,600	N/G/Ln	NP
3-Nitroaniline	99-09-2	ppb	56	0	0	--	--	2,000	42,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	56	0	0	--	--	2,000	42,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	56	33	59	19	520	330	6,800	350	160	540	170	170	220	NP	NP
4-Chlorophenyl phenyl ether	7005-72-3	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	56	48	86	25	1,100	330	6,800	240	150	490	170	120	110	NP	NP
4-Nitroaniline	100-01-6	ppb	56	0	0	--	--	2,000	42,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	56	0	0	--	--	2,000	42,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	56	51	91	16	1,800	330	580	310	300	410	410	150	140	NP	NP
Acenaphthylene	208-96-8	ppb	56	48	86	40	1,400	330	6,800	360	280	510	300	210	210	G/Ln	Ln
Anthracene	120-12-7	ppb	56	53	95	17	8,700	330	430	1,300	1,300	1,800	1,700	570	440	NP	NP
Benzo(a)anthracene	56-55-3	ppb	56	53	95	41	6,300	330	430	1,200	1,200	1,200	1,200	780	680	Ln	Ln
Benzo(a)pyrene	50-32-8	ppb	56	53	95	35	4,600	330	430	1,000	1,000	880	870	740	790	G/Ln	Ln
Benzo(b)fluoranthene	205-99-2	ppb	56	53	95	48	4,400	330	430	1,100	1,200	920	910	860	880	G/Ln	Ln
Benzo(g,h,i)perylene	191-24-2	ppb	56	53	95	23	2,100	330	430	640	650	470	460	500	520	G/Ln	G/Ln
Benzo(k)fluoranthene	207-08-9	ppb	56	51	91	87	1,700	330	550	380	380	290	280	310	300	G/Ln	G/Ln
bis(2-Chloroethoxy)methane	111-91-1	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	56	51	91	24	81,000	360	550	14,000	14,000	20,000	20,000	4,400	3,800	Ln	NP
Butyl benzyl phthalate	85-68-7	ppb	56	22	39	20	170	330	6,800	420	71	660	28	210	260	G	NP
Carbazole	86-74-8	ppb	56	43	77	16	550	330	6,800	390	140	760	140	140	170	NP	NP
Chrysene	218-01-9	ppb	56	53	95	40	6,500	330	430	1,300	1,300	1,300	1,300	880	780	Ln	Ln
Dibenzo(a,h)anthracene	53-70-3	ppb	56	43	77	39	730	330	6,800	410	160	740	140	190	150	NP	NP
Dibenzofuran	132-64-9	ppb	56	47	84	20	920	330	6,800	270	190	480	230	120	130	NP	NP
Diethyl phthalate	84-66-2	ppb	56	1	2	23	23	330	6,800	550	--	700	--	360	280	--	--
Dimethylphthalate	131-11-3	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	56	27	48	16	640	330	6,800	560	68	910	110	170	240	NP	NP
Di-n-Octylphthalate	117-84-0	ppb	56	8	14	87	1,000	330	6,800	520	250	630	200	360	280	N/G/Ln	NP
Fluoranthene	206-44-0	ppb	56	54	96	15	14,000	330	430	2,400	2,400	2,900	2,900	1,300	1,200	G/Ln	Ln
Fluorene	86-73-7	ppb	56	52	93	26	2,700	330	430	480	470	630	630	200	170	NP	NP
Hexachlorobenzene	118-74-1	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
Hexachlorobutadiene	87-68-3	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Hexachlorocyclopentadiene	77-47-4	ppb	56	0	0	--	--	330	6,900	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	56	51	91	100	2,100	330	5,900	660	620	560	460	500	490	G/Ln	G/Ln
Isophorone	78-59-1	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	56	52	93	40	1,900	330	430	420	410	480	480	240	180	NP	NP
Nitrobenzene	98-95-3	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	56	0	0	--	--	330	6,800	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	56	3	5	270	490	330	6,800	560	--	700	--	380	290	--	--
Pentachlorophenol	87-86-5	ppb	56	0	0	--	--	2,000	42,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb	56	53	95	33	15,000	330	430	2,100	2,100	3,400	3,400	790	520	NP	NP
Phenol	108-95-2	ppb	56	3	5	36	85	330	6,800	430	--	520	--	310	280	--	--
Pyrene	129-00-0	ppb	56	53	95	49	10,000	330	430	2,200	2,200	2,100	2,100	1,400	1,200	Ln	Ln
Total HMW PAHs-SVOC	No CAS	ppb	56	54	96	10	52,000	330	430	11,000	11,000	10,000	10,000	6,300	6,900	G	NP
Total LMW PAHs-SVOC	No CAS	ppb	56	53	95	50	32,000	330	430	5,300	5,300	7,600	7,500	2,100	1,700	NP	Ln
TOTAL PAHs - SVOC	No CAS	ppb	56	54	96	10	82,000	330	430	16,000	16,000	18,000	17,000	8,300	8,500	G	NP
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	56	56	100	4.9	24,000	--	--	5,900	5,900	5,800	5,800	2,900	2,800	G	G
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	ppb	56	40	71	3.1	150	12	9,200	960	43	1,600	42	91	36	Ln	NP
2-Hexanone	591-78-6	ppb	56	0	0	--	--	12	9,200	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb	56	1	2	0.63	0.63	12	9,200	940	--	1,600	--	59	17	--	--
Acetone	67-64-1	ppb	56	49	88	2.5	1,600	6,400	9,200	820	380	1,200	430	270	220	G/Ln	G/Ln
Benzene	71-43-2	ppb	56	23	41	3.1	570	5.6	230	41	36	82	81	16	8.1	Ln	NP
Bromodichloromethane	75-27-4	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb	56	42	75	1.1	40	160	230	32	11	38	9.9	14	10	G	G/Ln
Carbon Tetrachloride	56-23-5	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb	56	42	75	0.089	97	6.6	200	21	15	27	22	5.0	6.8	NP	NP
Chloroethane	75-00-3	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--

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Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Chloromethane	74-87-3	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb	56	22	39	0.46	820	5.6	230	110	96	210	210	18	7.8	G	NP
Methylene Chloride	75-09-2	ppb	56	56	100	3.0	170	--	--	37	37	50	50	15	10	NP	NP
Styrene	100-42-5	ppb	56	5	9	0.089	0.28	6.6	230	31	0.17	38	0.068	11	8.8	N/G/Ln	NP
Tetrachloroethene	127-18-4	ppb	56	1	2	2.1	2.1	5.6	230	31	--	38	--	14	8.8	--	--
Toluene	108-88-3	ppb	56	28	50	0.18	380	5.6	230	36	22	64	60	7.6	6.5	NP	NP
trans-1,3-Dichloropropene	10061-02-6	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb	56	0	0	--	--	5.6	230	--	--	--	--	--	--	--	--
Subsurface (>3.5 ft bss)																	
Arclor PCBs																	
Aroclor-1016	12674-11-2	ppb	64	0	0	--	--	20	47	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	64	0	0	--	--	20	47	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	64	0	0	--	--	20	47	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	64	1	2	86	86	20	47	18	--	9.2	--	17	18	--	--
Aroclor-1248	12672-29-6	ppb	64	47	73	34	5,500	20	39	1,100	1,100	1,400	1,400	320	650	G/Ln	NP
Aroclor-1254	11097-69-1	ppb	64	0	0	--	--	20	47	--	--	--	--	--	--	--	--
Aroclor-1260	11096-82-5	ppb	64	0	0	--	--	20	47	--	--	--	--	--	--	--	--
Aroclor-1262	37324-23-5	ppb	64	0	0	--	--	20	47	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	64	0	0	--	--	20	47	--	--	--	--	--	--	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb	64	48	75	34	5,500	20	39	1,100	1,100	1,400	1,400	330	650	G/Ln	NP
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb	64	48	75	34	5,500	20	39	1,100	1,100	1,400	1,400	330	650	G/Ln	NP
Pesticides																	
4,4'-DDD	72-54-8	ppb	64	53	83	3.1	2,100	4.0	13	110	110	300	300	28	32	Ln	Ln
4,4'-DDE	72-55-9	ppb	64	57	89	2.2	9,500	4.0	7.3	550	550	1,600	1,600	66	58	NP	NP
4,4'-DDT	50-29-3	ppb	64	11	17	1.9	1,300	4.0	210	49	40	170	170	9.0	3.5	G/Ln	NP
Aldrin	309-00-2	ppb	64	0	0	--	--	2.0	390	--	--	--	--	--	--	--	--
Alpha-BHC	319-84-6	ppb	64	0	0	--	--	2.0	390	--	--	--	--	--	--	--	--
Alpha-Chlordane	5103-71-9	ppb	64	0	0	--	--	2.0	390	--	--	--	--	--	--	--	--
Beta-BHC	319-85-7	ppb	64	0	0	--	--	2.0	390	--	--	--	--	--	--	--	--
Delta-BHC	319-86-8	ppb	64	0	0	--	--	2.0	390	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb	64	0	0	--	--	4.0	760	--	--	--	--	--	--	--	--
Endosulfan I	959-98-8	ppb	64	0	0	--	--	2.0	390	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb	64	0	0	--	--	4.0	760	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb	64	0	0	--	--	4.0	760	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb	64	0	0	--	--	4.0	760	--	--	--	--	--	--	--	--

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Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Endrin Aldehyde	7421-93-4	ppb	64	0	0	--	--	4.0	760	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb	64	0	0	--	--	4.0	760	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	64	0	0	--	--	2.0	390	--	--	--	--	--	--	--	--
Gamma-Chlordane	5566-34-7	ppb	64	0	0	--	--	2.0	390	--	--	--	--	--	--	--	--
Heptachlor	76-44-8	ppb	64	0	0	--	--	2.0	390	--	--	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	ppb	64	1	2	34	34	2.0	390	16	--	40	--	3.9	1.8	--	--
Methoxychlor	72-43-5	ppb	64	0	0	--	--	20	3,900	--	--	--	--	--	--	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb	64	0	0	--	--	2.0	390	--	--	--	--	--	--	--	--
Total DDT (4,4)	No CAS	ppb	64	57	89	2.2	13,000	4.0	7.3	700	700	2,000	2,000	93	97	Ln	Ln
Toxaphene	8001-35-2	ppb	64	0	0	--	--	40	7,600	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4-Trichlorobenzene	120-82-1	ppb	64	33	52	15	740	300	13,000	390	90	930	110	140	170	Ln	NP
1,2-Dichlorobenzene	95-50-1	ppb	64	17	27	26	130	300	13,000	530	64	1,000	32	220	220	G/Ln	NP
1,3-Dichlorobenzene	541-73-1	ppb	64	17	27	29	140	300	13,000	560	64	1,000	33	240	240	G/Ln	NP
1,4-Dichlorobenzene	106-46-7	ppb	64	45	70	20	930	300	2,800	240	190	250	180	160	180	Ln	G/Ln
2,4,5-Trichlorophenol	95-95-4	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	64	0	0	--	--	1,800	77,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	64	3	5	1,600	2,000	300	6,700	610	--	740	--	380	260	--	--
2,6-Dinitrotoluene	606-20-2	ppb	64	4	6	700	1,500	300	13,000	640	--	1,000	--	370	260	--	--
2-Chloronaphthalene	91-58-7	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	64	57	89	21	4,300	300	430	810	800	1,100	1,100	330	220	NP	NP
2-Methylphenol	95-48-7	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	64	0	0	--	--	1,800	77,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	64	6	9	85	540	1,800	77,000	4,100	240	6,400	150	2,000	1,600	N/G/Ln	NP
3-Nitroaniline	99-09-2	ppb	64	0	0	--	--	1,800	77,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	64	0	0	--	--	1,800	77,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	64	31	48	20	300	300	13,000	510	130	1,000	85	220	220	NP	NP
4-Chlorophenyl phenyl ether	7005-72-3	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	64	49	77	28	760	300	13,000	410	190	960	150	190	180	G/Ln	Ln
4-Nitroaniline	100-01-6	ppb	64	0	0	--	--	1,800	77,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	64	0	0	--	--	1,800	77,000	--	--	--	--	--	--	--	--

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Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Acenaphthene	83-32-9	ppb	64	56	88	22	2,400	300	430	400	390	460	460	220	200	Ln	Ln
Acenaphthylene	208-96-8	ppb	64	51	80	25	1,700	300	6,400	440	330	580	340	250	210	Ln	Ln
Anthracene	120-12-7	ppb	64	60	94	27	6,700	300	330	1,400	1,400	1,800	1,800	580	460	Ln	Ln
Benzo(a)anthracene	56-55-3	ppb	64	61	95	30	6,200	300	330	1,300	1,300	1,400	1,400	720	680	G/Ln	Ln
Benzo(a)pyrene	50-32-8	ppb	64	61	95	35	5,400	300	330	1,100	1,100	1,100	1,100	640	640	G/Ln	Ln
Benzo(b)fluoranthene	205-99-2	ppb	64	61	95	33	5,200	300	330	1,200	1,200	1,100	1,100	710	820	G	NP
Benzo(g,h,i)perylene	191-24-2	ppb	64	59	92	26	3,100	300	430	670	680	600	590	440	480	G/Ln	Ln
Benzo(k)fluoranthene	207-08-9	ppb	64	58	91	26	1,600	300	430	400	400	330	330	280	260	G/Ln	Ln
bis(2-Chloroethoxy)methane	111-91-1	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	64	57	89	36	65,000	330	550	12,000	12,000	13,000	13,000	3,500	6,500	NP	NP
Butyl benzyl phthalate	85-68-7	ppb	64	14	22	25	140	300	13,000	670	82	1,100	37	300	240	N/G/Ln	NP
Carbazole	86-74-8	ppb	64	45	70	13	780	300	13,000	610	160	1,300	170	170	170	Ln	G
Chrysene	218-01-9	ppb	64	61	95	27	5,900	300	330	1,500	1,500	1,500	1,500	810	740	G/Ln	Ln
Dibenzo(a,h)anthracene	53-70-3	ppb	64	39	61	40	680	300	13,000	550	180	1,000	150	230	190	NP	G
Dibenzofuran	132-64-9	ppb	64	55	86	15	1,200	300	1,100	250	230	260	270	140	170	Ln	G/Ln
Diethyl phthalate	84-66-2	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	64	11	17	14	120	300	13,000	950	39	1,400	28	350	270	G/Ln	NP
Di-n-Octylphthalate	117-84-0	ppb	64	21	33	32	940	300	13,000	550	210	900	200	310	260	G/Ln	NP
Fluoranthene	206-44-0	ppb	64	61	95	33	11,000	300	330	2,400	2,400	2,300	2,300	1,300	1,400	G	NP
Fluorene	86-73-7	ppb	64	58	91	17	2,700	300	430	600	600	680	680	290	270	G/Ln	G/Ln
Hexachlorobenzene	118-74-1	ppb	64	2	3	46	340	300	13,000	1,000	--	1,400	--	500	270	--	--
Hexachlorobutadiene	87-68-3	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	64	1	2	45	45	300	13,000	610	--	990	--	350	260	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	64	56	88	48	3,200	300	13,000	750	620	1,000	610	440	400	G/Ln	Ln
Isophorone	78-59-1	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	64	58	91	15	3,800	300	430	640	640	780	770	330	350	G/Ln	Ln
Nitrobenzene	98-95-3	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	64	0	0	--	--	300	13,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	64	2	3	28	2,300	300	13,000	680	--	1,000	--	370	260	--	--
Pentachlorophenol	87-86-5	ppb	64	0	0	--	--	1,800	77,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb	64	61	95	17	13,000	300	330	2,500	2,500	3,000	3,000	930	990	G/Ln	Ln
Phenol	108-95-2	ppb	64	6	9	31	90	300	13,000	590	55	1,000	20	310	250	N/G/Ln	NP
Pyrene	129-00-0	ppb	64	62	97	15	9,500	330	330	2,700	2,700	2,600	2,500	1,400	1,400	G/Ln	Ln
Total HMW PAHs-SVOC	No CAS	ppb	64	62	97	10	48,000	330	330	12,000	12,000	11,000	11,000	5,900	6,800	G	NP
Total LMW PAHs-SVOC	No CAS	ppb	64	61	95	40	32,000	300	330	6,600	6,600	7,800	7,700	2,400	3,200	G/Ln	Ln

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
TOTAL PAHs - SVOC	No CAS	ppb	64	62	97	10	79,000	330	330	18,000	18,000	19,000	19,000	8,200	10,000	G	NP
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	64	63	98	17	22,000	6.0	6.0	6,600	6,600	6,400	6,400	3,000	4,000	G	NP
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	ppb	64	42	66	3.0	180	11	8,500	1,100	51	1,600	43	140	69	G	NP
2-Hexanone	591-78-6	ppb	64	0	0	--	--	11	8,500	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb	64	0	0	--	--	11	8,500	--	--	--	--	--	--	--	--
Acetone	67-64-1	ppb	64	63	98	7.5	2,100	11	11	580	580	540	540	310	320	G	G
Benzene	71-43-2	ppb	64	38	59	2.2	190	5.1	170	35	32	44	44	16	13	G	NP
Bromodichloromethane	75-27-4	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb	64	44	69	0.54	32	130	220	34	8.2	39	7.1	13	12	G/Ln	G/Ln
Carbon Tetrachloride	56-23-5	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb	64	46	72	0.14	140	5.1	210	25	20	34	31	7.4	5.1	NP	NP
Chloroethane	75-00-3	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb	64	38	59	0.29	1,000	5.1	140	170	170	280	280	22	12	G	NP
Methylene Chloride	75-09-2	ppb	64	64	100	2.0	110	--	--	36	36	41	41	16	12	NP	NP
Styrene	100-42-5	ppb	64	2	3	0.16	0.39	5.1	220	34	--	38	--	15	13	--	--
Tetrachloroethene	127-18-4	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb	64	47	73	0.20	500	5.1	160	69	65	130	130	8.7	4.8	NP	NP
trans-1,3-Dichloropropene	10061-02-6	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb	64	0	0	--	--	5.1	220	--	--	--	--	--	--	--	--

Table D-3
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data

Abbreviations:

-- not applicable due to frequency of detection
1/2 DL = half the detection limit (e.g., sample reporting limit)
CAS = Chemical Abstracts Service
FOD = frequency of detection (detects / total)
ft bss = feet below sediment surface
GM = geometric mean
GOF = goodness-of-fit
HMW = high-molecular weight
KM = Kaplan-Meier
LMW = low-molecular weight
Max = maximum
Min = minimum
ND = nondetect
PAH = polynuclear aromatic hydrocarbon
PCB = polychlorinated biphenyls
ppb = parts per billion
ppm = parts per million
ppt = parts per trillion
ROS = regression on ordered statistics
SD = standard deviation
SVOC = semivolatile organic compound
TPH = total petroleum hydrocarbon
USACE = U.S. Army Corps of Engineers

Notes:

[1] Total concentrations are based on the sum of detected observations; therefore statistics for totals are based on detected observations.

[2] KM and GOF statistics generated using USEPA ProUCL (v. 4.1.01) software (USEPA, 2011). Remaining statistics generated in MS Access 2010.

[3] When FOD = 100%, the KM statistics are equal to the arithmetic mean and standard deviation of the full dataset.

[4] KM statistics and GOF results only reported for constituents with at least 8 total observations and 5 distinct detected observations (USEPA, 2010).

[5] The GM is a parameter that specifically defines a lognormal distribution and is equal to the anti-log of the mean of the log-transformed values. GM is generally not descriptive of the central tendency for data that are not lognormally distributed.

[6] Distribution assessed by GOF tests at 95% confidence level ($\alpha = 0.05$) using ProUCL 4.1.01 Left-censored data are evaluated with both detects only and ROS methods (USEPA, 2010).
Normal (N): dataset follows a normal distribution, according to the Shapiro Wilks test ($n \leq 50$) or Lilliefors test ($n > 50$).
Gamma (G): dataset follows a gamma distribution, according to the Kolmogorov-Smirnov test.
Lognormal (Ln): dataset follows a lognormal distribution, according to the Shapiro Wilks test ($n \leq 50$) or Lilliefors test ($n > 50$).
Nonparametric (NP): dataset does not follow any of the three distributions noted above.

[7] Level = data usability levels. For information about these levels and their applicability, please refer to Section 3 of the report.

[8] This table presents data for each of the 18 select chemicals (where available) identified for focused evaluation in Section 4.3.

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	15	15	100	93.5	2,310	--	--	835	835	579	579	649	629	N/G/Ln	N/G/Ln
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	15	15	100	32.7	610	--	--	341	341	185	185	276	282	N/G	N/G
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	15	15	100	1.88	50.0	--	--	27.0	27.0	15.8	15.8	21.1	29.3	N/G	N/G
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	15	15	100	1.32	14.2	--	--	8.09	8.10	3.78	3.80	6.78	9.00	N	N
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	15	14	93	4.34	170	150	150	70.4	69.1	47.2	46.4	53.5	62.0	N/G/Ln	N/G/Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	14	14	100	4.68	72.0	--	--	39.7	39.7	20.5	20.5	32.5	40.0	N/G	N/G
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	15	15	100	3.16	49.3	--	--	28.0	28.0	14.1	14.1	23.3	28.4	N/G	N/G
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	15	15	100	2.84	43.0	--	--	24.2	24.2	11.8	11.8	20.4	22.0	N/G	N/G
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	14	8	57	0.907	5.60	1.12	4.70	2.40	2.40	1.62	1.60	1.92	1.85	N/G/Ln	G/Ln
1,2,3,7,8-PeCDD	40321-76-4	ppt	15	15	100	1.02	13.8	--	--	7.09	7.10	3.45	3.50	5.96	6.95	N/G	N/G
1,2,3,7,8-PeCDF	57117-41-6	ppt	15	15	100	1.35	33.0	--	--	18.4	18.4	9.80	9.80	14.7	21.3	N/G	N/G
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	15	14	93	11.0	49.0	2.60	2.60	23.0	23.7	13.2	11.9	18.1	21.0	N/G/Ln	N/Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt	15	14	93	10.0	46.0	1.44	1.44	25.2	25.8	14.8	13.4	18.6	22.2	N/G/Ln	N/Ln
2,3,7,8-TCDD	1746-01-6	ppt	15	15	100	1.68	130	--	--	41.7	41.7	30.8	30.8	30.4	34.4	G	G
2,3,7,8-TCDF	51207-31-9	ppt	15	15	100	0.902	160	--	--	46.0	46.0	41.8	41.8	29.0	30.5	G	G
OCDD	3268-87-9	ppt	15	15	100	1,080	21,000	--	--	8,420	8,420	4,990	4,990	6,950	6,860	N/G/Ln	N/G/Ln
OCDF	39001-02-0	ppt	15	15	100	53.0	1,540	--	--	664	664	412	412	525	500	N/G	N/G
Total HpCDD	37871-00-4	ppt	15	15	100	211	3,360	--	--	1,740	1,740	927	927	1,440	1,560	N/G/Ln	N/G/Ln
Total HpCDF	38998-75-3	ppt	15	15	100	70.0	1,200	--	--	635	635	345	345	523	513	N/G	N/G
Total HxCDD	34465-46-8	ppt	15	15	100	36.9	620	--	--	355	355	179	179	292	362	N/G	N/G
Total HxCDF	55684-94-1	ppt	15	15	100	60.5	765	--	--	408	408	207	207	342	389	N/G/Ln	N/G/Ln
Total PeCDD	36088-22-9	ppt	15	15	100	9.44	161	--	--	82.1	82.1	46.4	46.4	66.7	77.0	N/G/Ln	N/G/Ln
Total PeCDF	30402-15-4	ppt	15	15	100	61.0	735	--	--	393	393	204	204	325	415	N/G	N/G
Total TCDD	41903-57-5	ppt	15	15	100	8.49	294	--	--	155	155	86.5	86.5	120	150	N/G	N/G
Total TCDF	55722-27-5	ppt	15	15	100	49.6	823	--	--	488	488	254	254	396	567	N/G	N/G
Congener PCBs																	
PCB-1	2051-60-7	ppt	15	15	100	230	1,400	--	--	874	874	318	318	803	926	N/G	N/G
PCB-100	39485-83-1	ppt	7	7	100	145	1,540	--	--	511	511	472	472	392	369	--	--
PCB-103	60145-21-3	ppt	15	14	93	102	1,390	25.0	25.0	483	489	339	320	339	490	N/G/Ln	N/Ln
PCB-104	56558-16-8	ppt	15	7	47	20.0	55.0	7.00	42.2	22.7	27.7	14.3	10.2	17.8	21.0	N/G/Ln	N/Ln
PCB-105	32598-14-4	ppt	15	15	100	1,180	26,000	--	--	12,500	12,500	7,680	7,680	9,900	9,530	N/G/Ln	N/G/Ln
PCB-106/118	PCB-106/118	ppt	7	7	100	3,360	58,500	--	--	24,600	24,600	17,100	17,100	19,100	21,700	--	--
PCB-107/109	70424-68-9/7447	ppt	7	7	100	271	4,550	--	--	2,000	2,000	1,350	1,350	1,550	1,790	--	--
PCB-108/112	70362-41-3/7447	ppt	7	7	100	226	3,260	--	--	1,520	1,520	948	948	1,210	1,490	--	--
PCB-11	2050-67-1	ppt	15	15	100	316	150,000	--	--	20,700	20,700	37,100	37,100	8,460	6,330	Ln	Ln
PCB-110	38380-03-9	ppt	7	7	100	5,990	84,900	--	--	36,600	36,600	24,300	24,300	29,200	33,200	--	--

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-111/115	PCB-111/115	ppt	7	7	100	91.2	1,130	--	--	516	516	319	319	421	408	--	--
PCB-113	68194-10-5	ppt	7	5	71	125	376	41.2	41.5	168	--	129	--	108	150	--	--
PCB-114	74472-37-0	ppt	15	15	100	69.5	1,500	--	--	693	693	431	431	548	540	N/G/Ln	N/G/Ln
PCB-119	56558-17-9	ppt	7	7	100	157	2,490	--	--	1,010	1,010	785	785	756	769	--	--
PCB-12/13	PCB-12/13	ppt	15	14	93	203	5,900	960	960	2,570	2,570	1,590	1,540	1,940	2,500	N/G	N/G/Ln
PCB-120	68194-12-7	ppt	15	12	80	55.4	180	25.0	41.2	106	114	57.3	43.7	81.6	130	N/G/Ln	N
PCB-121	56558-18-0	ppt	15	1	7	16.3	16.3	6.00	43.2	15.2	--	7.02	--	12.8	17.0	--	--
PCB-122	76842-07-4	ppt	15	15	100	49.0	930	--	--	457	457	269	269	368	370	N/G/Ln	N/G/Ln
PCB-123	65510-44-3	ppt	15	14	93	82.3	1,200	390	390	544	546	340	328	436	486	N/G/Ln	N/G/Ln
PCB-124	70424-70-3	ppt	7	7	100	175	2,390	--	--	1,020	1,020	673	673	823	904	--	--
PCB-126	57465-28-8	ppt	15	7	47	131	405	25.0	410	137	167	95.3	68.8	102	131	NP	NP
PCB-127	39635-33-1	ppt	15	0	0	--	--	25.0	380	--	--	--	--	--	--	--	--
PCB-128/162	PCB-128/162	ppt	7	7	100	270	11,400	--	--	4,200	4,200	3,670	3,670	2,600	3,790	--	--
PCB-129	55215-18-4	ppt	7	7	100	248	3,400	--	--	1,300	1,300	993	993	1,030	1,050	--	--
PCB-130	52663-66-8	ppt	15	15	100	393	6,300	--	--	2,690	2,690	1,660	1,660	2,170	2,310	N/G/Ln	N/G/Ln
PCB-131	61798-70-7	ppt	15	7	47	210	1,300	40.9	50.0	317	418	397	311	99.5	25.0	N/G/Ln	NP
PCB-132/161	38380-05-1/7447	ppt	7	7	100	2,040	27,200	--	--	10,200	10,200	8,030	8,030	8,000	9,150	--	--
PCB-133/142	PCB-133/142	ppt	7	7	100	190	2,650	--	--	1,070	1,070	770	770	847	855	--	--
PCB-134/143	PCB-134/143	ppt	15	14	93	377	5,500	92.0	92.0	2,130	2,150	1,610	1,530	1,390	1,730	N/G/Ln	N/Ln
PCB-135	52744-13-5	ppt	7	7	100	1,250	13,100	--	--	5,220	5,220	3,790	3,790	4,230	4,940	--	--
PCB-136	38411-22-2	ppt	15	15	100	1,230	14,200	--	--	5,700	5,700	3,410	3,410	4,710	5,220	N/G/Ln	N/G/Ln
PCB-137	35694-06-5	ppt	14	14	100	221	3,900	--	--	1,790	1,790	1,090	1,090	1,450	1,330	N/G/Ln	N/G/Ln
PCB-138/163/164	35065-28-2/7447	ppt	7	7	100	7,350	96,700	--	--	37,400	37,400	28,300	28,300	29,600	33,300	--	--
PCB-139/149	PCB-139/149	ppt	7	7	100	8,470	94,500	--	--	34,400	34,400	28,100	28,100	27,200	30,100	--	--
PCB-14	34883-41-5	ppt	15	1	7	10.9	10.9	11.0	120	22.3	--	12.6	--	19.4	21.0	--	--
PCB-140	59291-64-4	ppt	7	7	100	54.0	624	--	--	265	265	192	192	205	273	--	--
PCB-141	52712-04-6	ppt	15	15	100	1,670	20,000	--	--	8,200	8,200	5,330	5,330	6,620	7,670	N/G/Ln	N/G/Ln
PCB-144	68194-14-9	ppt	15	15	100	250	4,930	--	--	1,740	1,740	1,240	1,240	1,290	1,800	N/G/Ln	N/G/Ln
PCB-145	74472-40-5	ppt	15	4	27	8.88	26.8	4.00	50.0	14.1	--	9.28	--	10.1	15.0	--	--
PCB-146/165	51908-16-8/7447	ppt	7	7	100	1,090	15,100	--	--	5,980	5,980	4,440	4,440	4,700	4,990	--	--
PCB-147	68194-13-8	ppt	7	7	100	244	3,130	--	--	1,050	1,050	951	951	805	719	--	--
PCB-148	74472-41-6	ppt	15	13	87	40.0	278	41.2	50.0	110	112	74.4	69.3	87.2	103	N/G/Ln	N/Ln
PCB-15	2050-68-2	ppt	15	15	100	1,220	26,000	--	--	13,700	13,700	6,680	6,680	11,400	12,200	N/G	N/G
PCB-150	68194-08-1	ppt	15	14	93	30.6	593	50.0	50.0	165	166	147	141	119	130	G/Ln	Ln
PCB-151	52663-63-5	ppt	7	7	100	2,660	28,400	--	--	10,400	10,400	8,460	8,460	8,230	8,590	--	--
PCB-152	68194-09-2	ppt	15	12	80	29.6	87.7	28.0	50.0	48.3	51.2	22.2	18.3	43.0	49.0	N/G/Ln	N/Ln
PCB-153	35065-27-1	ppt	7	7	100	7,730	107,000	--	--	39,800	39,800	31,800	31,800	31,000	36,500	--	--
PCB-154	60145-22-4	ppt	14	13	93	180	4,040	50.0	50.0	880	891	976	932	549	590	G/Ln	Ln

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-155	33979-03-2	ppt	15	13	87	31.2	687	41.2	50.0	215	216	193	186	135	129	N/G/Ln	N/Ln
PCB-156	38380-08-4	ppt	7	7	100	467	7,570	--	--	2,870	2,870	2,240	2,240	2,210	2,300	--	--
PCB-157	69782-90-7	ppt	7	7	100	103	1,560	--	--	649	649	449	449	514	551	--	--
PCB-158/160	74472-42-7/4141	ppt	7	7	100	766	10,100	--	--	3,890	3,890	2,960	2,960	3,080	3,350	--	--
PCB-159	39635-35-3	ppt	15	7	47	310	1,100	40.9	50.0	308	462	363	236	100	25.0	N/G/Ln	NP
PCB-16/32	PCB-16/32	ppt	7	7	100	1,290	25,500	--	--	9,300	9,300	7,630	7,630	6,980	7,080	--	--
PCB-166	41411-63-6	ppt	7	6	86	69.5	270	41.2	41.2	111	--	78.5	--	88.1	99.7	--	--
PCB-167	52663-72-6	ppt	15	15	100	246	3,300	--	--	1,600	1,600	930	930	1,330	1,300	N/G/Ln	N/G/Ln
PCB-168	59291-65-5	ppt	7	5	71	47.3	224	41.2	41.5	88.1	--	71.5	--	64.2	80.9	--	--
PCB-169	32774-16-6	ppt	15	2	13	110	180	12.1	450	51.9	--	68.9	--	24.2	15.8	--	--
PCB-17	37680-66-3	ppt	15	15	100	808	18,200	--	--	8,180	8,180	5,360	5,360	6,320	6,030	N/G/Ln	N/G/Ln
PCB-170	35065-30-6	ppt	15	15	100	2,670	29,900	--	--	12,300	12,300	7,400	7,400	10,300	11,700	N/G/Ln	N/G/Ln
PCB-171	52663-71-5	ppt	7	7	100	767	8,480	--	--	3,230	3,230	2,530	2,530	2,550	2,650	--	--
PCB-172	52663-74-8	ppt	15	15	100	475	5,240	--	--	2,320	2,320	1,430	1,430	1,910	2,100	N/G/Ln	N/G/Ln
PCB-173	68194-16-1	ppt	7	7	100	82.7	758	--	--	282	282	228	228	224	199	--	--
PCB-174	38411-25-5	ppt	15	15	100	3,760	40,000	--	--	15,300	15,300	9,880	9,880	12,500	15,200	N/G/Ln	N/G/Ln
PCB-175	40186-70-7	ppt	15	14	93	142	1,650	50.0	50.0	689	697	447	420	504	586	N/G/Ln	N/Ln
PCB-176	52663-65-7	ppt	15	15	100	390	5,010	--	--	2,010	2,010	1,220	1,220	1,640	2,050	N/G/Ln	N/G/Ln
PCB-177	52663-70-4	ppt	15	15	100	2,070	21,300	--	--	9,350	9,350	5,780	5,780	7,680	9,050	N/G/Ln	N/G/Ln
PCB-178	52663-67-9	ppt	15	15	100	640	7,850	--	--	3,190	3,190	1,920	1,920	2,620	3,140	N/G/Ln	N/G/Ln
PCB-179	52663-64-6	ppt	15	15	100	1,300	18,700	--	--	7,000	7,000	4,380	4,380	5,710	6,980	N/G/Ln	N/G/Ln
PCB-18	37680-65-2	ppt	7	7	100	1,710	36,400	--	--	12,400	12,400	11,100	11,100	9,060	9,370	--	--
PCB-180	35065-29-3	ppt	7	7	100	7,190	80,000	--	--	30,100	30,100	24,000	24,000	23,600	23,600	--	--
PCB-181	74472-47-2	ppt	15	8	53	43.0	367	15.0	170	91.8	99.2	93.3	84.8	58.0	77.2	N/G/Ln	N/Ln
PCB-182/187	PCB-182/187	ppt	7	7	100	4,110	50,600	--	--	19,200	19,200	15,000	15,000	15,100	16,500	--	--
PCB-183	52663-69-1	ppt	13	13	100	1,740	21,000	--	--	10,200	10,200	6,300	6,300	8,310	8,380	N/G/Ln	N/G/Ln
PCB-184	74472-48-3	ppt	15	7	47	18.7	68.3	6.00	50.0	23.4	28.7	18.7	13.8	15.3	20.6	N/G/Ln	N/Ln
PCB-185	52712-05-7	ppt	13	12	92	408	4,220	42.0	42.0	1,410	1,440	1,080	999	923	1,070	G/Ln	N/Ln
PCB-186	74472-49-4	ppt	15	0	0	--	--	1.81	50.0	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt	15	11	73	27.0	239	33.0	50.0	55.0	57.9	55.8	52.2	41.5	36.9	Ln	G
PCB-189	39635-31-9	ppt	15	14	93	100	1,000	50.0	50.0	450	455	270	253	344	406	N/G/Ln	N/Ln
PCB-19	38444-73-4	ppt	15	15	100	218	3,930	--	--	1,710	1,710	1,150	1,150	1,300	1,290	N/G/Ln	N/G/Ln
PCB-190	41411-64-7	ppt	15	15	100	550	6,430	--	--	2,520	2,520	1,570	1,570	2,090	2,400	N/G/Ln	N/G/Ln
PCB-191	74472-50-7	ppt	15	14	93	123	1,270	50.0	50.0	523	530	339	318	391	538	N/G/Ln	N/Ln
PCB-192	74472-51-8	ppt	15	1	7	25.6	25.6	5.00	140	22.9	--	15.7	--	18.4	21.0	--	--
PCB-193	69782-91-8	ppt	7	7	100	370	3,850	--	--	1,510	1,510	1,140	1,140	1,210	1,300	--	--
PCB-194	35694-08-7	ppt	15	15	100	1,410	18,600	--	--	7,510	7,510	4,240	4,240	6,350	6,820	N/G/Ln	N/G/Ln
PCB-195	52663-78-2	ppt	15	15	100	630	7,910	--	--	3,100	3,100	1,830	1,830	2,590	3,000	N/G/Ln	N/G/Ln

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-196/203	PCB-196/203	ppt	7	7	100	1,840	20,200	--	--	8,610	8,610	5,700	5,700	7,080	8,130	--	--
PCB-197	33091-17-7	ppt	13	13	100	68.0	706	--	--	344	344	183	183	297	303	N/G/Ln	N/G/Ln
PCB-198	68194-17-2	ppt	7	7	100	98.7	971	--	--	420	420	271	271	350	347	--	--
PCB-199	52663-75-9	ppt	14	13	93	850	19,700	50.0	50.0	4,960	5,020	5,310	5,070	2,430	2,300	G/Ln	N/Ln
PCB-2	2051-61-8	ppt	15	13	87	35.0	820	340	940	381	376	238	237	297	343	N/G/Ln	N/G/Ln
PCB-20/21/33	38444-84-7/5570	ppt	7	7	100	996	22,100	--	--	7,550	7,550	6,750	6,750	5,500	5,320	--	--
PCB-200	52663-73-7	ppt	7	7	100	245	2,610	--	--	1,040	1,040	765	765	832	876	--	--
PCB-201	40186-71-8	ppt	14	14	100	230	2,520	--	--	1,140	1,140	556	556	1,000	1,060	N/G/Ln	N/G/Ln
PCB-202	2136-99-4	ppt	15	15	100	348	4,300	--	--	2,330	2,330	1,210	1,210	1,930	2,190	N/G	N/G
PCB-204	74472-52-9	ppt	15	2	13	10.3	16.2	4.00	50.0	14.9	--	7.67	--	12.2	19.5	--	--
PCB-205	74472-53-0	ppt	15	14	93	71.4	797	50.0	50.0	343	346	200	188	269	339	N/G/Ln	N/Ln
PCB-206	40186-72-9	ppt	15	15	100	678	9,600	--	--	5,530	5,530	2,380	2,380	4,800	5,930	N/G	N/G
PCB-207	52663-79-3	ppt	15	14	93	89.6	1,200	50.0	50.0	637	641	334	315	479	647	N/G	N
PCB-208	52663-77-1	ppt	15	15	100	185	3,700	--	--	1,980	1,980	1,010	1,010	1,630	1,890	N/G	N/G
PCB-209	2051-24-3	ppt	15	15	100	302	10,000	--	--	5,100	5,100	2,860	2,860	4,000	4,470	N/G	N/G
PCB-22	38444-85-8	ppt	15	15	100	854	18,000	--	--	9,320	9,320	5,770	5,770	7,310	6,200	N/G	N/G
PCB-23	55720-44-0	ppt	15	8	53	15.0	96.0	19.0	49.0	25.1	26.9	21.5	20.0	20.4	18.0	G/Ln	G
PCB-24/27	PCB-24/27	ppt	7	7	100	209	3,830	--	--	1,570	1,570	1,100	1,100	1,220	1,330	--	--
PCB-25	55712-37-3	ppt	15	15	100	449	6,850	--	--	3,950	3,950	1,980	1,980	3,270	3,570	N/G	N/G
PCB-26	38444-81-4	ppt	7	7	100	632	9,880	--	--	4,950	4,950	2,830	2,830	3,950	4,490	--	--
PCB-28	7012-37-5	ppt	7	7	100	2,950	59,200	--	--	28,900	28,900	17,800	17,800	22,100	26,100	--	--
PCB-29	15862-07-4	ppt	7	6	86	49.4	173	41.2	41.2	73.8	--	48.1	--	62.3	58.8	--	--
PCB-3	2051-62-9	ppt	15	15	100	134	1,600	--	--	831	831	399	399	715	779	N/G/Ln	N/G/Ln
PCB-30	35693-92-6	ppt	7	2	29	23.4	53.5	41.2	43.2	26.0	--	12.2	--	24.4	21.1	--	--
PCB-31	16606-02-3	ppt	15	15	100	2,370	56,000	--	--	28,800	28,800	17,100	17,100	22,700	21,000	N/G	N/G
PCB-34	37680-68-5	ppt	15	11	73	95.8	320	20.0	100	151	170	108	83.2	98.6	125	N/G/Ln	N/Ln
PCB-35	37680-69-6	ppt	15	15	100	63.0	7,400	--	--	1,710	1,710	1,790	1,790	1,080	1,200	G/Ln	G/Ln
PCB-36	38444-87-0	ppt	15	8	53	35.8	840	18.0	87.0	94.6	104	208	198	38.4	43.4	NP	Ln
PCB-37	38444-90-5	ppt	15	15	100	981	22,000	--	--	11,700	11,700	6,140	6,140	9,600	9,300	N/G	N/G
PCB-38	53555-66-1	ppt	15	8	53	31.2	352	20.0	93.0	93.1	99.0	102	94.4	49.1	46.5	N/G/Ln	N/Ln
PCB-39	38444-88-1	ppt	15	13	87	46.5	470	25.0	41.2	190	194	148	139	126	160	N/G/Ln	N/Ln
PCB-4/10	PCB-4/10	ppt	7	7	100	396	7,720	--	--	3,110	3,110	2,370	2,370	2,320	2,650	--	--
PCB-40	38444-93-8	ppt	6	6	100	503	8,580	--	--	--	--	--	--	--	2,190	--	--
PCB-41/64/71/72	52663-59-9/5266	ppt	7	7	100	2,490	37,900	--	--	15,700	15,700	10,900	10,900	12,500	13,200	--	--
PCB-42/59	36559-22-5/7447	ppt	7	7	100	1,140	16,200	--	--	7,610	7,610	4,600	4,600	6,120	7,320	--	--
PCB-43/49	PCB-43/49	ppt	7	7	100	2,840	46,800	--	--	21,600	21,600	13,800	13,800	16,800	19,800	--	--
PCB-44	41464-39-5	ppt	7	7	100	3,030	46,500	--	--	20,700	20,700	13,300	13,300	16,400	19,600	--	--
PCB-45	70362-45-7	ppt	13	13	100	492	16,000	--	--	5,550	5,550	4,330	4,330	4,080	3,450	G/Ln	G/Ln

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Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-46	41464-47-5	ppt	15	15	100	212	4,800	--	--	1,940	1,940	1,300	1,300	1,500	1,320	N/G/Ln	N/G/Ln
PCB-47	2437-79-8	ppt	7	7	100	1,250	18,300	--	--	9,000	9,000	5,310	5,310	7,180	7,850	--	--
PCB-48/75	70362-47-9/3259	ppt	7	7	100	574	9,310	--	--	4,100	4,100	2,820	2,820	3,160	3,150	--	--
PCB-5/8	PCB-5/8	ppt	8	8	100	951	16,600	--	--	5,720	5,720	4,870	4,870	4,170	5,110	G/Ln	G/Ln
PCB-50	62796-65-0	ppt	7	6	86	58.0	205	41.2	41.2	94.2	--	58.9	--	77.8	78.6	--	--
PCB-51	68194-04-7	ppt	13	13	100	329	16,000	--	--	4,740	4,740	4,660	4,660	2,970	3,000	G/Ln	G/Ln
PCB-52/69	35693-99-3/6023	ppt	7	7	100	3,460	60,900	--	--	25,500	25,500	17,800	17,800	19,700	22,900	--	--
PCB-53	41464-41-9	ppt	7	7	100	597	7,890	--	--	3,680	3,680	2,220	2,220	2,990	3,290	--	--
PCB-54	15968-05-5	ppt	15	13	87	31.9	270	5.00	26.0	120	123	76.9	69.7	80.2	114	N/G/Ln	N/Ln
PCB-55	74338-24-2	ppt	15	12	80	57.6	810	80.0	260	347	346	263	256	241	318	N/G/Ln	N/Ln
PCB-56/60	PCB-56/60	ppt	7	7	100	1,840	28,200	--	--	13,500	13,500	7,970	7,970	10,800	13,800	--	--
PCB-57	70424-67-8	ppt	15	13	87	28.2	450	140	290	218	219	133	129	174	180	N/G/Ln	N/G/Ln
PCB-58	41464-49-7	ppt	15	13	87	61.8	3,100	41.2	130	593	597	878	846	219	183	G/Ln	Ln
PCB-6	25569-80-6	ppt	15	15	100	311	3,230	--	--	1,710	1,710	823	823	1,450	1,790	N/G	N/G
PCB-61/70	PCB-61/70	ppt	7	7	100	3,260	58,300	--	--	24,600	24,600	16,900	16,900	19,100	23,200	--	--
PCB-62	54230-22-7	ppt	7	0	0	--	--	40.9	43.2	--	--	--	--	--	--	--	--
PCB-63	74472-34-7	ppt	15	14	93	111	3,300	120	120	1,350	1,350	982	944	909	1,010	N/G/Ln	N/Ln
PCB-65	33284-54-7	ppt	7	0	0	--	--	40.9	43.2	--	--	--	--	--	--	--	--
PCB-67	73575-53-8	ppt	15	14	93	94.9	2,300	110	110	1,020	1,020	696	669	708	843	N/G/Ln	N/Ln
PCB-68	73575-52-7	ppt	13	11	85	27.2	490	130	270	243	241	159	156	182	237	N/G/Ln	N/G/Ln
PCB-7/9	PCB-7/9	ppt	7	7	100	95.6	1,670	--	--	542	542	531	531	386	349	--	--
PCB-73	74338-23-1	ppt	15	4	27	200	80,000	4.86	43.2	8,700	--	23,400	--	62.4	21.0	--	--
PCB-74	32690-93-0	ppt	7	7	100	1,330	21,000	--	--	10,900	10,900	6,380	6,380	8,480	10,900	--	--
PCB-76/66	PCB-76/66	ppt	7	7	100	3,030	49,500	--	--	24,400	24,400	14,800	14,800	19,100	23,100	--	--
PCB-77	32598-13-3	ppt	15	15	100	357	11,000	--	--	4,970	4,970	3,130	3,130	3,860	3,920	N/G	N/G
PCB-78	70362-49-1	ppt	15	1	7	155	155	5.00	300	45.7	--	46.9	--	29.8	21.6	--	--
PCB-79	41464-48-6	ppt	15	14	93	50.8	1,300	120	120	460	459	373	361	320	310	N/G/Ln	N/Ln
PCB-80	33284-52-5	ppt	15	1	7	290	290	5.00	260	49.6	--	73.4	--	27.2	21.0	--	--
PCB-81	70362-50-4	ppt	15	12	80	10.9	251	130	330	116	111	62.3	62.9	95.3	110	N/G/Ln	N/G/Ln
PCB-82	52663-62-4	ppt	15	15	100	573	11,000	--	--	5,000	5,000	3,010	3,010	4,010	3,720	N/G/Ln	N/G/Ln
PCB-83	60145-20-2	ppt	7	1	14	21.1	21.1	40.9	43.2	20.9	--	0.383	--	20.9	21.0	--	--
PCB-84/92	52663-60-2/5266	ppt	7	7	100	1,860	31,000	--	--	12,800	12,800	9,070	9,070	9,960	10,800	--	--
PCB-85/116	PCB-85/116	ppt	7	7	100	770	10,800	--	--	4,950	4,950	3,050	3,050	3,990	5,100	--	--
PCB-86	55312-69-1	ppt	7	6	86	33.8	463	41.5	41.5	216	--	169	--	137	190	--	--
PCB-87/117/125	38380-02-8/6819	ppt	7	7	100	1,450	22,800	--	--	9,480	9,480	6,530	6,530	7,490	8,680	--	--
PCB-88/91	PCB-88/91	ppt	9	9	100	897	12,500	--	--	5,550	5,550	3,700	3,700	4,340	4,680	N/G/Ln	N/G/Ln
PCB-89	73575-57-2	ppt	15	15	100	76.3	1,300	--	--	624	624	378	378	498	456	N/G/Ln	N/G/Ln
PCB-90/101	PCB-90/101	ppt	7	7	100	4,600	83,200	--	--	32,600	32,600	24,700	24,700	24,800	25,500	--	--

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-93	73575-56-1	ppt	7	0	0	--	--	40.9	43.2	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt	15	14	93	54.9	570	25.0	25.0	300	303	165	154	226	280	N/G/Ln	N/Ln
PCB-95/98/102	38379-99-6/6023	ppt	7	7	100	4,140	63,700	--	--	25,500	25,500	18,600	18,600	19,900	19,700	--	--
PCB-96	73575-54-9	ppt	15	14	93	66.2	557	25.0	25.0	294	298	176	165	220	250	N/G/Ln	N/Ln
PCB-97	41464-51-1	ppt	7	7	100	1,310	21,000	--	--	9,130	9,130	6,140	6,140	7,140	8,330	--	--
PCB-99	38380-01-7	ppt	7	7	100	2,160	37,900	--	--	15,800	15,800	11,400	11,400	12,000	13,600	--	--
Total Congener PCBs (209)	No CAS	ppt	15	15	100	148,000	2,400,000	--	--	1,130,000	1,130,000	679,000	679,000	912,000	884,000	N/G/Ln	N/G/Ln
Total Congener PCBs (NOAA 1989)	No CAS	ppt	14	14	100	112,000	1,670,000	--	--	814,000	814,000	493,000	493,000	659,000	677,000	N/G/Ln	N/G/Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	18	18	100	502	23,900	--	--	2,640	2,640	5,470	5,470	1,230	952	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	18	18	100	215	4,250	--	--	793	793	933	933	577	545	NP	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	18	18	100	13.7	215	--	--	62.0	62.0	53.3	53.3	48.0	43.3	Ln	Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	18	18	100	5.27	30.6	--	--	13.9	13.9	7.60	7.60	12.0	10.8	N/G/Ln	N/G/Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	18	18	100	33.0	270	--	--	98.6	98.6	55.8	55.8	86.8	78.9	G/Ln	G/Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	18	18	100	24.8	598	--	--	92.5	92.5	131	131	61.4	43.5	NP	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	18	18	100	16.5	130	--	--	52.9	52.9	33.8	33.8	44.7	40.0	G/Ln	G/Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	18	18	100	15.2	240	--	--	46.2	46.2	51.7	51.7	35.1	27.0	NP	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	18	13	72	1.89	28.8	0.476	4.23	9.26	9.50	9.59	9.10	4.89	4.64	G/Ln	N/Ln
1,2,3,7,8-PeCDD	40321-76-4	ppt	18	18	100	4.12	23.4	--	--	13.5	13.5	7.18	7.20	11.6	9.85	NP	NP
1,2,3,7,8-PeCDF	57117-41-6	ppt	18	18	100	9.29	69.2	--	--	30.5	30.5	16.2	16.2	26.6	28.0	N/G/Ln	N/G/Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	18	18	100	13.0	95.3	--	--	35.5	35.5	23.3	23.3	30.1	22.1	Ln	Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt	18	18	100	12.5	86.4	--	--	33.9	33.9	22.2	22.2	28.7	26.1	G/Ln	G/Ln
2,3,7,8-TCDD	1746-01-6	ppt	18	18	100	16.6	223	--	--	68.4	68.4	54.1	54.1	53.3	49.9	G/Ln	G/Ln
2,3,7,8-TCDF	51207-31-9	ppt	18	18	100	12.6	108	--	--	44.5	44.5	29.6	29.6	36.2	36.5	G/Ln	G/Ln
OCDD	3268-87-9	ppt	18	18	100	5,400	176,000	--	--	23,900	23,900	40,300	40,300	13,300	9,560	NP	NP
OCDF	39001-02-0	ppt	18	18	100	398	25,800	--	--	2,600	2,600	5,890	5,890	1,160	825	NP	NP
Total HpCDD	37871-00-4	ppt	18	18	100	1,120	36,100	--	--	4,680	4,680	8,170	8,170	2,640	2,020	NP	NP
Total HpCDF	38998-75-3	ppt	18	18	100	430	20,500	--	--	2,340	2,340	4,620	4,620	1,240	1,040	NP	NP
Total HxCDD	34465-46-8	ppt	18	18	100	208	3,010	--	--	697	697	640	640	552	461	G/Ln	G/Ln
Total HxCDF	55684-94-1	ppt	18	18	100	360	4,880	--	--	974	974	1,050	1,050	754	596	NP	NP
Total PeCDD	36088-22-9	ppt	18	18	100	62.9	504	--	--	223	223	141	141	181	172	N/G/Ln	N/G/Ln
Total PeCDF	30402-15-4	ppt	18	18	100	245	1,160	--	--	645	645	292	292	583	514	N/G/Ln	N/G/Ln
Total TCDD	41903-57-5	ppt	18	18	100	49.2	626	--	--	265	265	172	172	211	214	N/G/Ln	N/G/Ln
Total TCDF	55722-27-5	ppt	18	18	100	260	1,650	--	--	816	816	438	438	704	707	N/G/Ln	N/G/Ln
Congener PCBs																	
PCB-1	2051-60-7	ppt	18	18	100	300	3,750	--	--	1,330	1,330	906	906	1,100	1,060	G/Ln	G/Ln
PCB-100	39485-83-1	ppt	15	15	100	500	10,000	--	--	2,420	2,420	2,770	2,770	1,530	1,670	G/Ln	G/Ln

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-103	60145-21-3	ppt	18	18	100	160	9,120	--	--	1,960	1,960	2,040	2,040	1,310	1,510	G/Ln	G/Ln
PCB-104	56558-16-8	ppt	18	12	67	20.7	605	41.2	560	140	121	145	143	89.3	103	G/Ln	Ln
PCB-105	32598-14-4	ppt	18	18	100	4,020	40,000	--	--	16,900	16,900	10,200	10,200	14,100	13,400	N/G/Ln	N/G/Ln
PCB-106/118	PCB-106/118	ppt	15	15	100	21,200	112,000	--	--	51,900	51,900	28,300	28,300	45,600	41,200	G/Ln	G/Ln
PCB-107/109	70424-68-9/7447	ppt	15	15	100	1,790	7,660	--	--	4,140	4,140	1,920	1,920	3,740	3,300	N/G/Ln	N/G/Ln
PCB-108/112	70362-41-3/7447	ppt	15	15	100	1,510	5,390	--	--	3,060	3,060	1,390	1,390	2,780	2,560	G/Ln	G/Ln
PCB-11	2050-67-1	ppt	18	18	100	3,200	62,400	--	--	20,700	20,700	19,300	19,300	13,800	12,700	G/Ln	G/Ln
PCB-110	38380-03-9	ppt	15	15	100	30,500	145,000	--	--	73,400	73,400	40,500	40,500	63,800	54,800	G/Ln	G/Ln
PCB-111/115	PCB-111/115	ppt	15	15	100	198	1,630	--	--	892	892	537	537	727	588	Ln	Ln
PCB-113	68194-10-5	ppt	15	14	93	191	1,900	41.1	41.1	634	645	472	442	444	567	G/Ln	N/Ln
PCB-114	74472-37-0	ppt	18	18	100	231	3,100	--	--	1,050	1,050	728	728	844	681	G/Ln	G/Ln
PCB-119	56558-17-9	ppt	15	15	100	840	10,400	--	--	3,360	3,360	2,600	2,600	2,650	3,000	G/Ln	G/Ln
PCB-12/13	PCB-12/13	ppt	18	18	100	1,300	11,000	--	--	4,600	4,600	2,420	2,420	4,040	4,180	N/G/Ln	N/G/Ln
PCB-120	68194-12-7	ppt	18	16	89	94.9	629	210	230	271	274	172	166	222	226	N/G/Ln	G/Ln
PCB-121	56558-18-0	ppt	18	0	0	--	--	7.81	560	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt	18	18	100	227	1,300	--	--	617	617	343	343	532	452	G/Ln	G/Ln
PCB-123	65510-44-3	ppt	18	18	100	340	1,740	--	--	889	889	497	497	763	660	G	G
PCB-124	70424-70-3	ppt	15	15	100	636	3,790	--	--	1,960	1,960	1,110	1,110	1,660	1,450	N/G/Ln	N/G/Ln
PCB-126	57465-28-8	ppt	18	18	100	83.0	609	--	--	298	298	183	183	247	211	G/Ln	G/Ln
PCB-127	39635-33-1	ppt	18	1	6	63.0	63.0	7.81	560	55.5	--	67.1	--	33.4	20.9	--	--
PCB-128/162	PCB-128/162	ppt	15	15	100	416	19,100	--	--	8,200	8,200	5,360	5,360	6,090	5,690	N/G	N/G
PCB-129	55215-18-4	ppt	15	15	100	564	5,580	--	--	2,380	2,380	1,490	1,490	1,940	1,730	N/G/Ln	N/G/Ln
PCB-130	52663-66-8	ppt	18	18	100	1,440	12,700	--	--	4,290	4,290	2,860	2,860	3,590	2,890	G/Ln	G/Ln
PCB-131	61798-70-7	ppt	18	3	17	490	1,800	7.81	208	198	--	444	--	46.0	20.9	--	--
PCB-132/161	38380-05-1/7447	ppt	15	15	100	4,500	68,700	--	--	21,500	21,500	17,400	17,400	16,400	16,500	G/Ln	G/Ln
PCB-133/142	PCB-133/142	ppt	15	15	100	1,100	7,080	--	--	2,380	2,380	1,640	1,640	2,010	1,600	G/Ln	G/Ln
PCB-134/143	PCB-134/143	ppt	18	18	100	1,600	13,300	--	--	4,230	4,230	3,130	3,130	3,420	2,810	Ln	Ln
PCB-135	52744-13-5	ppt	15	15	100	4,060	48,400	--	--	12,800	12,800	11,700	11,700	9,680	8,000	G/Ln	G/Ln
PCB-136	38411-22-2	ppt	18	18	100	3,900	58,600	--	--	13,400	13,400	13,400	13,400	9,830	8,490	G/Ln	G/Ln
PCB-137	35694-06-5	ppt	18	18	100	800	5,470	--	--	2,540	2,540	1,560	1,560	2,120	2,010	G/Ln	G/Ln
PCB-138/163/164	35065-28-2/7447	ppt	15	15	100	25,900	272,000	--	--	82,300	82,300	66,700	66,700	64,400	60,900	G/Ln	G/Ln
PCB-139/149	PCB-139/149	ppt	15	15	100	25,800	345,000	--	--	86,800	86,800	83,700	83,700	64,300	52,100	G/Ln	G/Ln
PCB-14	34883-41-5	ppt	18	2	11	30.6	30.7	7.81	560	60.5	--	67.0	--	37.6	25.8	--	--
PCB-140	59291-64-4	ppt	15	15	100	172	2,300	--	--	659	659	583	583	510	402	G/Ln	G/Ln
PCB-141	52712-04-6	ppt	18	18	100	2,790	66,900	--	--	16,700	16,700	16,300	16,300	11,600	11,500	G/Ln	G/Ln
PCB-144	68194-14-9	ppt	18	18	100	808	16,900	--	--	4,390	4,390	4,180	4,180	3,080	3,020	G/Ln	G/Ln
PCB-145	74472-40-5	ppt	18	9	50	9.66	33.7	41.1	1,100	84.1	17.6	134	8.70	36.8	21.4	G/Ln	G
PCB-146/165	51908-16-8/7447	ppt	15	15	100	5,550	55,100	--	--	14,900	14,900	12,800	12,800	12,000	10,300	G/Ln	G/Ln

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-147	68194-13-8	ppt	15	15	100	902	16,500	--	--	3,490	3,490	3,830	3,830	2,540	2,440	G/Ln	G/Ln
PCB-148	74472-41-6	ppt	18	17	94	95.3	1,800	1,100	1,100	399	385	375	364	313	310	G/Ln	G/Ln
PCB-15	2050-68-2	ppt	18	18	100	1,200	38,700	--	--	17,800	17,800	10,300	10,300	13,600	16,500	N/G	N/G
PCB-150	68194-08-1	ppt	18	18	100	219	5,170	--	--	842	842	1,150	1,150	560	472	NP	NP
PCB-151	52663-63-5	ppt	15	15	100	8,000	112,000	--	--	27,100	27,100	27,800	27,800	19,500	17,600	G/Ln	G/Ln
PCB-152	68194-09-2	ppt	18	15	83	45.9	582	410	1,100	194	161	179	159	132	119	G/Ln	G
PCB-153	35065-27-1	ppt	15	15	100	33,300	415,000	--	--	103,000	103,000	97,800	97,800	79,400	65,700	G/Ln	G/Ln
PCB-154	60145-22-4	ppt	15	15	100	1,110	30,600	--	--	5,160	5,160	7,410	7,410	3,210	3,250	Ln	Ln
PCB-155	33979-03-2	ppt	18	16	89	79.4	1,940	410	460	609	612	584	567	407	345	G/Ln	G/Ln
PCB-156	38380-08-4	ppt	15	15	100	1,860	17,200	--	--	5,950	5,950	4,250	4,250	4,790	3,630	G/Ln	G/Ln
PCB-157	69782-90-7	ppt	15	15	100	458	2,120	--	--	1,120	1,120	594	594	976	818	G/Ln	G/Ln
PCB-158/160	74472-42-7/4141	ppt	15	15	100	2,410	25,300	--	--	8,280	8,280	6,230	6,230	6,540	5,710	G/Ln	G/Ln
PCB-159	39635-35-3	ppt	18	8	44	130	2,850	39.9	208	419	466	719	674	120	103	G/Ln	NP
PCB-16/32	PCB-16/32	ppt	15	15	100	10,700	64,800	--	--	27,000	27,000	14,900	14,900	23,600	28,300	N/G/Ln	N/G/Ln
PCB-166	41411-63-6	ppt	15	15	100	64.1	351	--	--	186	186	105	105	159	128	G/Ln	G/Ln
PCB-167	52663-72-6	ppt	18	18	100	1,100	7,640	--	--	2,710	2,710	1,750	1,750	2,280	1,770	Ln	Ln
PCB-168	59291-65-5	ppt	15	14	93	86.6	1,370	41.1	41.1	287	291	328	314	191	178	G/Ln	Ln
PCB-169	32774-16-6	ppt	18	2	11	34.0	190	7.01	460	42.1	--	63.3	--	22.1	17.4	--	--
PCB-17	37680-66-3	ppt	18	18	100	1,500	47,600	--	--	17,700	17,700	11,500	11,500	13,800	16,300	N/G/Ln	N/G/Ln
PCB-170	35065-30-6	ppt	18	18	100	7,260	108,000	--	--	25,800	25,800	26,100	26,100	18,300	15,800	G/Ln	G/Ln
PCB-171	52663-71-5	ppt	15	15	100	2,190	32,500	--	--	8,220	8,220	8,430	8,430	5,690	5,060	G/Ln	G/Ln
PCB-172	52663-74-8	ppt	18	18	100	1,360	20,200	--	--	4,690	4,690	4,820	4,820	3,320	2,760	G/Ln	G/Ln
PCB-173	68194-16-1	ppt	15	15	100	158	2,920	--	--	726	726	774	774	477	447	G/Ln	G/Ln
PCB-174	38411-25-5	ppt	18	18	100	8,210	161,000	--	--	34,800	34,800	39,200	39,200	23,000	20,600	G/Ln	G/Ln
PCB-175	40186-70-7	ppt	18	18	100	407	5,840	--	--	1,360	1,360	1,370	1,370	987	767	G/Ln	G/Ln
PCB-176	52663-65-7	ppt	18	18	100	1,280	21,200	--	--	4,650	4,650	5,040	5,040	3,210	2,790	G/Ln	G/Ln
PCB-177	52663-70-4	ppt	18	18	100	5,340	83,600	--	--	19,000	19,000	20,100	20,100	13,200	10,800	G/Ln	G/Ln
PCB-178	52663-67-9	ppt	18	18	100	2,200	32,600	--	--	7,050	7,050	7,500	7,500	5,120	4,040	G/Ln	G/Ln
PCB-179	52663-64-6	ppt	18	18	100	4,870	77,100	--	--	16,600	16,600	18,100	18,100	11,700	9,650	G/Ln	G/Ln
PCB-18	37680-65-2	ppt	18	18	100	3,800	93,700	--	--	34,300	34,300	24,100	24,100	26,700	26,900	G/Ln	G/Ln
PCB-180	35065-29-3	ppt	15	15	100	20,000	316,000	--	--	76,200	76,200	81,400	81,400	51,700	46,600	G/Ln	G/Ln
PCB-181	74472-47-2	ppt	18	14	78	73.6	1,120	41.1	501	252	250	257	249	168	198	G/Ln	Ln
PCB-182/187	PCB-182/187	ppt	15	15	100	14,600	210,000	--	--	49,200	49,200	51,900	51,900	35,300	27,200	G/Ln	G/Ln
PCB-183	52663-69-1	ppt	18	18	100	5,880	79,800	--	--	18,500	18,500	18,800	18,800	13,300	10,800	G/Ln	G/Ln
PCB-184	74472-48-3	ppt	18	13	72	23.2	158	41.4	1,100	106	59.7	127	38.5	68.8	52.1	G/Ln	G/Ln
PCB-185	52712-05-7	ppt	18	18	100	850	17,900	--	--	3,900	3,900	4,420	4,420	2,550	2,390	G/Ln	G/Ln
PCB-186	74472-49-4	ppt	18	0	0	--	--	7.81	1,100	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt	18	14	78	70.6	1,540	205	1,100	285	259	346	335	192	186	G/Ln	NP

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-189	39635-31-9	ppt	18	18	100	280	3,580	--	--	922	922	869	869	673	553	G/Ln	G/Ln
PCB-19	38444-73-4	ppt	18	18	100	230	10,300	--	--	4,070	4,070	2,520	2,520	3,080	4,290	N/G	N/G
PCB-190	41411-64-7	ppt	18	18	100	1,660	23,500	--	--	5,580	5,580	5,700	5,700	3,930	3,280	G/Ln	G/Ln
PCB-191	74472-50-7	ppt	18	18	100	361	4,980	--	--	1,160	1,160	1,190	1,190	834	678	G/Ln	G/Ln
PCB-192	74472-51-8	ppt	18	0	0	--	--	7.81	1,100	--	--	--	--	--	--	--	--
PCB-193	69782-91-8	ppt	15	15	100	1,040	16,300	--	--	3,940	3,940	4,090	4,090	2,780	2,320	G/Ln	G/Ln
PCB-194	35694-08-7	ppt	18	18	100	5,540	60,500	--	--	16,000	16,000	14,300	14,300	12,300	10,500	G/Ln	G/Ln
PCB-195	52663-78-2	ppt	18	18	100	2,100	30,300	--	--	7,210	7,210	7,360	7,360	5,220	4,410	G/Ln	G/Ln
PCB-196/203	PCB-196/203	ppt	15	15	100	7,140	82,700	--	--	20,000	20,000	19,900	19,900	14,900	10,600	Ln	Ln
PCB-197	33091-17-7	ppt	18	18	100	226	2,650	--	--	688	688	613	613	533	435	Ln	Ln
PCB-198	68194-17-2	ppt	15	15	100	299	3,920	--	--	974	974	972	972	718	516	Ln	Ln
PCB-199	52663-75-9	ppt	15	15	100	7,040	78,300	--	--	19,600	19,600	18,700	18,700	14,900	10,800	Ln	Ln
PCB-2	2051-61-8	ppt	18	18	100	189	1,010	--	--	545	545	235	235	493	546	N/G/Ln	N/G/Ln
PCB-20/21/33	38444-84-7/5570	ppt	15	15	100	8,530	41,200	--	--	20,100	20,100	11,100	11,100	17,600	16,000	G/Ln	G/Ln
PCB-200	52663-73-7	ppt	18	18	100	745	10,700	--	--	2,490	2,490	2,480	2,480	1,830	1,710	G/Ln	G/Ln
PCB-201	40186-71-8	ppt	18	18	100	890	9,510	--	--	2,540	2,540	2,130	2,130	2,030	1,850	G/Ln	G/Ln
PCB-202	2136-99-4	ppt	18	18	100	1,870	13,500	--	--	4,430	4,430	2,910	2,910	3,790	3,500	G/Ln	G/Ln
PCB-204	74472-52-9	ppt	18	2	11	14.6	21.6	7.81	1,100	84.5	--	134	--	37.8	21.0	--	--
PCB-205	74472-53-0	ppt	18	18	100	241	2,640	--	--	720	720	628	628	554	485	G/Ln	G/Ln
PCB-206	40186-72-9	ppt	18	18	100	3,970	23,000	--	--	9,180	9,180	5,020	5,020	8,160	7,730	G/Ln	G/Ln
PCB-207	52663-79-3	ppt	18	18	100	498	2,190	--	--	1,030	1,030	521	521	919	870	G/Ln	G/Ln
PCB-208	52663-77-1	ppt	18	18	100	1,110	9,000	--	--	2,940	2,940	1,840	1,840	2,580	2,480	G/Ln	G/Ln
PCB-209	2051-24-3	ppt	18	18	100	2,110	24,000	--	--	7,250	7,250	5,210	5,210	6,060	5,690	G/Ln	G/Ln
PCB-22	38444-85-8	ppt	18	18	100	1,400	33,500	--	--	14,800	14,800	9,640	9,640	11,600	12,500	N/G/Ln	N/G/Ln
PCB-23	55720-44-0	ppt	18	17	94	18.3	180	208	208	70.1	68.1	44.7	43.9	57.6	58.3	N/G/Ln	N/G/Ln
PCB-24/27	PCB-24/27	ppt	15	15	100	1,670	10,000	--	--	4,070	4,070	2,260	2,260	3,590	3,370	G/Ln	G/Ln
PCB-25	55712-37-3	ppt	18	18	100	250	14,500	--	--	6,690	6,690	3,610	3,610	5,080	6,150	N	N
PCB-26	38444-81-4	ppt	15	15	100	4,890	21,800	--	--	10,500	10,500	4,680	4,680	9,680	8,790	G/Ln	G/Ln
PCB-28	7012-37-5	ppt	15	15	100	26,200	123,000	--	--	63,700	63,700	27,900	27,900	58,400	53,100	N/G/Ln	N/G/Ln
PCB-29	15862-07-4	ppt	15	15	100	54.3	415	--	--	174	174	117	117	140	119	G/Ln	G/Ln
PCB-3	2051-62-9	ppt	18	18	100	450	2,690	--	--	1,230	1,230	663	663	1,090	1,050	G/Ln	G/Ln
PCB-30	35693-92-6	ppt	18	13	72	17.9	140	41.1	560	72.9	54.9	64.0	34.6	54.0	54.3	N/G/Ln	G/Ln
PCB-31	16606-02-3	ppt	18	18	100	4,200	106,000	--	--	45,400	45,400	25,800	25,800	37,300	39,300	N/G	N/G
PCB-34	37680-68-5	ppt	18	16	89	147	786	210	230	373	377	196	185	320	345	N/G/Ln	N/G/Ln
PCB-35	37680-69-6	ppt	18	18	100	593	7,450	--	--	2,160	2,160	1,940	1,940	1,630	1,500	Ln	Ln
PCB-36	38444-87-0	ppt	18	15	83	36.7	149	210	560	100	86.7	58.0	38.2	87.2	96.1	N/G/Ln	N/G/Ln
PCB-37	38444-90-5	ppt	18	18	100	1,100	28,400	--	--	14,300	14,300	7,690	7,690	11,600	12,200	N/G	N/G
PCB-38	53555-66-1	ppt	18	15	83	103	3,020	210	560	665	666	750	728	409	308	G/Ln	Ln

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2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-39	38444-88-1	ppt	18	15	83	64.7	304	210	560	177	175	72.9	67.6	162	181	N/G/Ln	N/G/Ln
PCB-4/10	PCB-4/10	ppt	15	15	100	2,610	20,100	--	--	7,250	7,250	4,440	4,440	6,290	6,150	G/Ln	G/Ln
PCB-40	38444-93-8	ppt	15	15	100	1,130	17,100	--	--	6,130	6,130	4,880	4,880	4,450	4,260	G/Ln	G/Ln
PCB-41/64/71/72	52663-59-9/5266	ppt	13	13	100	15,200	77,200	--	--	37,700	37,700	19,800	19,800	33,300	30,200	N/G/Ln	N/G/Ln
PCB-42/59	36559-22-5/7447	ppt	15	15	100	7,490	34,100	--	--	17,500	17,500	8,670	8,670	15,600	15,100	N/G/Ln	N/G/Ln
PCB-43/49	PCB-43/49	ppt	15	15	100	20,600	101,000	--	--	54,600	54,600	25,200	25,200	49,300	47,200	N/G/Ln	N/G/Ln
PCB-44	41464-39-5	ppt	15	15	100	21,200	99,300	--	--	48,100	48,100	24,600	24,600	42,800	39,500	N/G/Ln	N/G/Ln
PCB-45	70362-45-7	ppt	15	15	100	1,750	16,000	--	--	7,200	7,200	4,180	4,180	6,060	5,980	N/G/Ln	N/G/Ln
PCB-46	41464-47-5	ppt	18	18	100	520	10,000	--	--	4,210	4,210	2,450	2,450	3,460	4,170	N/G/Ln	N/G/Ln
PCB-47	2437-79-8	ppt	15	15	100	7,570	83,200	--	--	24,800	24,800	18,300	18,300	20,800	22,800	G/Ln	G/Ln
PCB-48/75	70362-47-9/3259	ppt	15	15	100	4,820	21,400	--	--	10,200	10,200	5,280	5,280	9,160	8,190	G/Ln	G/Ln
PCB-5/8	PCB-5/8	ppt	15	15	100	6,890	41,900	--	--	14,900	14,900	9,640	9,640	12,900	11,800	Ln	Ln
PCB-50	62796-65-0	ppt	15	15	100	103	461	--	--	242	242	112	112	219	256	N/G/Ln	N/G/Ln
PCB-51	68194-04-7	ppt	15	15	100	1,900	29,800	--	--	6,600	6,600	7,070	7,070	4,790	3,950	G/Ln	G/Ln
PCB-52/69	35693-99-3/6023	ppt	15	15	100	27,000	109,000	--	--	61,800	61,800	26,800	26,800	56,400	57,100	N/G/Ln	N/G/Ln
PCB-53	41464-41-9	ppt	15	15	100	4,200	25,400	--	--	11,600	11,600	5,940	5,940	10,200	10,900	N/G/Ln	N/G/Ln
PCB-54	15968-05-5	ppt	18	16	89	93.4	3,700	41.0	46.0	506	514	854	825	232	223	Ln	Ln
PCB-55	74338-24-2	ppt	18	16	89	283	1,700	41.0	46.0	703	732	472	421	467	575	N/G/Ln	N/Ln
PCB-56/60	PCB-56/60	ppt	15	15	100	9,690	48,500	--	--	26,100	26,100	13,300	13,300	23,000	21,600	N/G/Ln	N/G/Ln
PCB-57	70424-67-8	ppt	18	17	94	76.0	791	46.0	46.0	371	374	232	221	283	318	N/G/Ln	N/Ln
PCB-58	41464-49-7	ppt	18	15	83	106	358	41.0	110	204	217	104	82.1	161	246	N/G/Ln	N
PCB-6	25569-80-6	ppt	18	18	100	440	9,720	--	--	3,470	3,470	2,240	2,240	2,840	2,810	G/Ln	G/Ln
PCB-61/70	PCB-61/70	ppt	15	15	100	25,100	106,000	--	--	56,400	56,400	25,500	25,500	51,200	47,100	N/G/Ln	N/G/Ln
PCB-62	54230-22-7	ppt	15	0	0	--	--	7.81	208	--	--	--	--	--	--	--	--
PCB-63	74472-34-7	ppt	18	18	100	390	5,700	--	--	2,100	2,100	1,300	1,300	1,760	1,720	G/Ln	G/Ln
PCB-65	33284-54-7	ppt	15	0	0	--	--	7.81	208	--	--	--	--	--	--	--	--
PCB-67	73575-53-8	ppt	18	18	100	200	4,300	--	--	1,690	1,690	1,060	1,060	1,380	1,370	N/G/Ln	N/G/Ln
PCB-68	73575-52-7	ppt	10	9	90	41.0	705	46.0	46.0	367	368	251	236	235	439	N/G	N/Ln
PCB-7/9	PCB-7/9	ppt	15	15	100	483	4,640	--	--	1,410	1,410	1,230	1,230	1,080	808	G/Ln	G/Ln
PCB-73	74338-23-1	ppt	18	3	17	89.0	740	7.81	208	87.2	--	171	--	37.0	20.9	--	--
PCB-74	32690-93-0	ppt	15	15	100	8,350	41,800	--	--	22,800	22,800	10,100	10,100	20,700	20,400	N/G/Ln	N/G/Ln
PCB-76/66	PCB-76/66	ppt	15	15	100	21,900	93,100	--	--	54,500	54,500	21,400	21,400	50,400	47,900	N/G/Ln	N/G/Ln
PCB-77	32598-13-3	ppt	18	18	100	1,900	22,400	--	--	7,130	7,130	5,740	5,740	5,630	5,040	G/Ln	G/Ln
PCB-78	70362-49-1	ppt	18	3	17	279	343	39.9	208	86.1	--	112	--	45.2	20.9	--	--
PCB-79	41464-48-6	ppt	18	18	100	271	2,120	--	--	914	914	553	553	764	850	N/G/Ln	N/G/Ln
PCB-80	33284-52-5	ppt	18	0	0	--	--	7.81	208	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt	18	15	83	61.8	670	41.0	110	220	226	189	178	148	159	G/Ln	N/Ln
PCB-82	52663-62-4	ppt	18	18	100	943	15,000	--	--	6,360	6,360	3,750	3,750	5,220	5,300	N/G/Ln	N/G/Ln

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2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-83	60145-20-2	ppt	15	4	27	16.7	47.0	39.9	208	40.4	--	33.3	--	31.7	21.0	--	--
PCB-84/92	52663-60-2/5266	ppt	15	15	100	14,600	56,500	--	--	28,300	28,300	14,700	14,700	25,100	23,100	G	G
PCB-85/116	PCB-85/116	ppt	15	15	100	2,020	15,300	--	--	8,420	8,420	4,400	4,400	7,220	7,670	N/G/Ln	N/G/Ln
PCB-86	55312-69-1	ppt	15	14	93	103	842	41.1	41.1	364	370	235	220	278	327	N/G/Ln	N/Ln
PCB-87/117/125	38380-02-8/6819	ppt	15	15	100	4,000	31,200	--	--	17,300	17,300	9,910	9,910	14,400	13,000	N/G/Ln	N/G/Ln
PCB-88/91	PCB-88/91	ppt	18	18	100	3,800	35,000	--	--	13,300	13,300	8,320	8,320	11,200	11,300	G/Ln	G/Ln
PCB-89	73575-57-2	ppt	18	18	100	105	2,400	--	--	829	829	575	575	652	638	N/G/Ln	N/G/Ln
PCB-90/101	PCB-90/101	ppt	15	15	100	33,500	200,000	--	--	78,200	78,200	46,800	46,800	67,500	65,600	G/Ln	G/Ln
PCB-93	73575-56-1	ppt	15	0	0	--	--	7.81	208	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt	18	18	100	120	2,340	--	--	785	785	660	660	573	530	G/Ln	G/Ln
PCB-95/98/102	38379-99-6/6023	ppt	15	15	100	29,100	148,000	--	--	60,200	60,200	34,700	34,700	52,500	44,200	G/Ln	G/Ln
PCB-96	73575-54-9	ppt	18	18	100	157	1,060	--	--	603	603	316	316	508	618	N/G	N/G
PCB-97	41464-51-1	ppt	15	15	100	8,180	37,000	--	--	18,700	18,700	9,490	9,490	16,600	14,500	N/G/Ln	N/G/Ln
PCB-99	38380-01-7	ppt	15	15	100	14,300	102,000	--	--	42,300	42,300	25,900	25,900	36,000	35,200	G/Ln	G/Ln
Total Congener PCBs (209)	No CAS	ppt	18	18	100	676,000	5,280,000	--	--	2,030,000	2,030,000	1,230,000	1,230,000	1,730,000	1,360,000	Ln	Ln
Total Congener PCBs (NOAA 1989)	No CAS	ppt	15	15	100	769,000	4,250,000	--	--	1,600,000	1,600,000	976,000	976,000	1,380,000	1,120,000	Ln	Ln
Subsurface (>3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	26	26	100	1.44	2,200	--	--	552	552	680	680	169	216	G/Ln	G/Ln
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	26	22	85	1.33	2,140	0.173	0.648	436	436	581	570	66.2	167	G/Ln	Ln
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	26	21	81	1.26	462	0.100	0.548	74.3	74.5	124	121	10.8	14.7	G/Ln	Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	26	22	85	0.501	37.3	0.210	0.529	8.00	8.10	9.63	9.40	3.12	4.45	G/Ln	N/Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	26	22	85	0.305	970	0.0788	0.252	115	115	210	206	15.2	32.1	G/Ln	Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	26	22	85	0.733	155	0.220	0.944	33.2	33.3	44.4	43.5	8.77	9.98	G/Ln	Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	26	22	85	0.106	383	0.0841	0.252	56.1	56.1	89.3	87.5	9.54	19.4	G/Ln	Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	26	23	89	0.631	73.7	0.446	0.900	17.3	17.4	21.1	20.6	6.67	10.1	G/Ln	Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	26	17	65	0.288	75.3	0.139	30.0	14.4	13.9	21.4	21.1	3.02	3.79	G/Ln	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt	26	22	85	0.234	29.8	0.134	0.282	7.62	7.60	8.66	8.50	2.74	3.82	G/Ln	N/Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt	26	20	77	3.37	542	0.148	0.785	47.8	48.5	108	105	7.40	10.5	G/Ln	Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	26	22	85	0.231	137	0.0993	0.272	27.9	28.0	36.6	35.9	6.67	12.4	G/Ln	N/Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt	26	22	85	0.441	360	0.152	0.301	35.8	35.9	72.0	70.5	7.31	11.6	G/Ln	Ln
2,3,7,8-TCDD	1746-01-6	ppt	26	17	65	0.287	418	0.128	6.06	48.2	48.1	93.5	91.8	4.97	5.37	G/Ln	NP
2,3,7,8-TCDF	51207-31-9	ppt	26	22	85	0.430	632	0.187	0.280	56.2	56.3	124	122	9.32	14.9	G/Ln	Ln
OCDD	3268-87-9	ppt	26	26	100	52.7	24,400	--	--	7,180	7,180	7,030	7,030	3,430	4,780	G	G
OCDF	39001-02-0	ppt	26	22	85	1.81	4,490	0.313	3.40	942	942	1,240	1,210	149	263	G	N/Ln
Total HpCDD	37871-00-4	ppt	26	26	100	5.01	4,980	--	--	1,200	1,200	1,470	1,470	406	557	G/Ln	G/Ln
Total HpCDF	38998-75-3	ppt	26	22	85	2.38	4,320	0.181	0.752	826	827	1,130	1,110	114	309	G/Ln	Ln
Total HxCDD	34465-46-8	ppt	26	25	96	3.04	1,960	1.76	1.76	363	363	509	499	115	141	G/Ln	G/Ln

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Total HxCDF	55684-94-1	ppt	26	22	85	2.39	3,890	0.0986	0.277	654	654	970	951	81.0	263	G/Ln	Ln
Total PeCDD	36088-22-9	ppt	26	25	96	0.212	638	0.537	0.537	135	135	174	171	37.6	70.9	G	G
Total PeCDF	30402-15-4	ppt	26	22	85	3.50	4,360	0.154	0.305	621	622	974	955	76.4	162	G/Ln	Ln
Total TCDD	41903-57-5	ppt	26	25	96	0.355	747	0.383	0.383	166	166	226	222	37.7	52.2	G/Ln	G/Ln
Total TCDF	55722-27-5	ppt	26	22	85	3.54	5,270	0.187	0.462	746	747	1,180	1,160	89.4	171	G/Ln	NP
Congener PCBs																	
PCB-1	2051-60-7	ppt	26	17	65	35.0	21,900	2.44	605	2,510	2,490	4,640	4,560	321	298	G/Ln	NP
PCB-100	39485-83-1	ppt	24	14	58	12.7	3,320	2.44	605	567	537	816	814	131	292	G/Ln	NP
PCB-103	60145-21-3	ppt	26	16	62	41.9	4,470	2.44	605	682	667	1,030	1,010	151	251	G/Ln	NP
PCB-104	56558-16-8	ppt	26	5	19	11.4	91.9	2.44	605	102	28.0	102	25.9	44.9	95.4	N/G/Ln	NP
PCB-105	32598-14-4	ppt	26	24	92	1.52	127,000	1.70	2.57	16,200	16,200	27,600	27,000	1,950	6,740	G	NP
PCB-106/118	PCB-106/118	ppt	24	23	96	3.94	296,000	2.22	2.22	44,800	44,800	68,100	66,600	5,210	23,500	G	G
PCB-107/109	70424-68-9/7447	ppt	24	19	79	18.6	30,400	2.44	198	3,880	3,880	6,620	6,480	562	1,800	G/Ln	Ln
PCB-108/112	70362-41-3/7447	ppt	24	19	79	16.5	20,500	2.44	198	2,970	2,970	4,790	4,690	443	1,190	G/Ln	Ln
PCB-11	2050-67-1	ppt	26	16	62	97.4	59,300	2.44	605	13,900	13,900	20,100	19,800	1,050	2,630	G	NP
PCB-110	38380-03-9	ppt	24	22	92	12.5	398,000	2.54	4.42	62,800	62,800	94,000	92,000	6,820	30,100	G	NP
PCB-111/115	PCB-111/115	ppt	24	17	71	82.1	8,490	2.44	583	1,080	1,090	1,870	1,820	210	482	G/Ln	NP
PCB-113	68194-10-5	ppt	24	11	46	11.3	2,530	2.44	605	414	363	652	659	93.0	156	G/Ln	NP
PCB-114	74472-37-0	ppt	26	20	77	6.65	9,250	1.08	227	1,100	1,100	1,970	1,940	171	437	G/Ln	Ln
PCB-119	56558-17-9	ppt	24	17	71	9.15	6,920	2.44	583	1,470	1,450	2,040	2,010	275	457	G/Ln	N/Ln
PCB-12/13	PCB-12/13	ppt	26	16	62	66.9	20,700	2.44	605	3,770	3,750	5,550	5,460	493	509	G/Ln	N
PCB-120	68194-12-7	ppt	26	16	62	9.92	1,150	2.44	585	252	239	307	306	80.9	164	G	NP
PCB-121	56558-18-0	ppt	26	0	0	--	--	2.44	605	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt	26	17	65	45.0	5,160	2.44	605	656	652	1,110	1,090	146	297	G/Ln	Ln
PCB-123	65510-44-3	ppt	26	20	77	5.34	7,160	1.65	200	885	883	1,540	1,520	149	331	G/Ln	Ln
PCB-124	70424-70-3	ppt	24	19	79	11.9	13,100	2.44	198	1,860	1,860	2,890	2,830	348	1,040	G/Ln	Ln
PCB-126	57465-28-8	ppt	26	16	62	2.46	1,500	1.36	553	259	244	335	337	70.7	124	G	N/Ln
PCB-127	39635-33-1	ppt	26	0	0	--	--	2.44	605	--	--	--	--	--	--	--	--
PCB-128/162	PCB-128/162	ppt	24	19	79	41.1	33,100	2.44	198	6,030	6,030	7,840	7,670	953	3,570	G	Ln
PCB-129	55215-18-4	ppt	24	19	79	13.4	11,900	2.44	198	1,930	1,930	2,710	2,650	380	1,170	G	Ln
PCB-130	52663-66-8	ppt	26	21	81	23.2	14,300	2.44	198	2,530	2,530	3,420	3,360	486	1,000	G/Ln	Ln
PCB-131	61798-70-7	ppt	26	2	8	140	344	2.44	605	110	--	118	--	40.5	70.3	--	--
PCB-132/161	38380-05-1/7447	ppt	24	20	83	61.1	64,300	2.44	8.51	12,200	12,200	15,700	15,400	1,550	5,670	G	N
PCB-133/142	PCB-133/142	ppt	24	18	75	9.65	14,600	2.44	583	1,760	1,750	3,040	2,990	311	785	G/Ln	Ln
PCB-134/143	PCB-134/143	ppt	26	21	81	15.3	12,600	2.44	198	2,230	2,230	3,030	2,980	427	834	G/Ln	Ln
PCB-135	52744-13-5	ppt	24	19	79	54.6	37,300	2.44	198	6,520	6,520	8,790	8,600	912	2,530	G/Ln	NP
PCB-136	38411-22-2	ppt	26	21	81	52.8	29,300	2.44	198	5,850	5,850	7,580	7,420	899	1,750	G/Ln	N
PCB-137	35694-06-5	ppt	26	21	81	11.7	12,000	2.44	198	1,850	1,850	2,650	2,600	386	1,030	G/Ln	Ln

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-138/163/164	35065-28-2/7447	ppt	24	22	92	5.15	206,000	2.54	195	42,300	42,200	52,400	51,300	5,090	19,400	G	N
PCB-139/149	PCB-139/149	ppt	24	22	92	9.80	173,000	2.54	3.98	38,200	38,200	46,900	45,900	4,360	15,300	G	N
PCB-14	34883-41-5	ppt	26	1	4	419	419	2.44	605	108	--	123	--	39.7	75.3	--	--
PCB-140	59291-64-4	ppt	24	14	58	24.9	1,300	2.44	605	364	357	354	354	116	299	N/G	N/Ln
PCB-141	52712-04-6	ppt	26	21	81	67.8	41,100	2.44	198	7,620	7,620	10,000	9,840	1,120	2,400	G/Ln	N
PCB-144	68194-14-9	ppt	26	20	77	21.7	10,800	2.44	583	2,110	2,100	2,700	2,650	406	642	G/Ln	N
PCB-145	74472-40-5	ppt	26	9	35	16.6	145	2.44	605	102	34.0	111	32.5	37.8	56.0	G/Ln	NP
PCB-146/165	51908-16-8/7447	ppt	24	19	79	43.7	40,300	2.44	198	6,980	6,990	9,540	9,340	930	2,720	G/Ln	NP
PCB-147	68194-13-8	ppt	24	18	75	16.8	5,840	2.44	583	1,240	1,230	1,590	1,560	275	502	G/Ln	N/Ln
PCB-148	74472-41-6	ppt	26	13	50	30.1	1,440	2.44	605	283	254	316	321	104	200	G/Ln	NP
PCB-15	2050-68-2	ppt	26	16	62	156	89,700	2.44	605	13,300	13,400	23,300	22,800	838	474	G/Ln	NP
PCB-150	68194-08-1	ppt	26	11	42	26.6	1,610	2.44	3,470	367	255	455	373	117	279	G/Ln	NP
PCB-151	52663-63-5	ppt	24	19	79	106	44,300	2.44	198	10,800	10,800	12,900	12,600	1,330	3,950	G/Ln	N
PCB-152	68194-09-2	ppt	26	11	42	35.3	282	2.44	605	123	84.9	103	63.5	57.4	103	N/G/Ln	Ln
PCB-153	35065-27-1	ppt	24	23	96	5.57	190,000	2.54	2.54	42,500	42,500	51,600	50,500	5,080	17,500	G	G
PCB-154	60145-22-4	ppt	24	16	67	11.2	6,980	2.44	605	1,240	1,220	1,680	1,660	259	419	G/Ln	N/Ln
PCB-155	33979-03-2	ppt	26	12	46	25.8	2,120	2.44	605	300	268	446	449	89.0	213	G/Ln	NP
PCB-156	38380-08-4	ppt	24	19	79	28.0	21,700	1.16	38.9	3,970	3,970	5,190	5,080	546	2,130	G	Ln
PCB-157	69782-90-7	ppt	24	19	79	5.46	4,750	1.18	41.8	875	875	1,130	1,110	164	573	G	Ln
PCB-158/160	74472-42-7/4141	ppt	24	19	79	36.7	26,700	2.44	198	4,940	4,940	6,380	6,240	798	2,780	G/Ln	N/Ln
PCB-159	39635-35-3	ppt	26	3	12	9.21	190	2.44	605	97.5	--	107	--	38.6	52.8	--	--
PCB-16/32	PCB-16/32	ppt	24	20	83	3.42	290,000	2.54	605	35,600	35,600	69,700	68,200	1,930	5,760	G/Ln	G/Ln
PCB-166	41411-63-6	ppt	24	13	54	17.0	1,250	2.44	605	227	203	269	270	78.0	180	G/Ln	Ln
PCB-167	52663-72-6	ppt	26	21	81	12.7	8,300	1.12	40.7	1,510	1,510	1,990	1,950	258	681	G/Ln	N/Ln
PCB-168	59291-65-5	ppt	24	10	42	20.8	439	2.44	605	161	127	138	132	64.9	132	N/G/Ln	NP
PCB-169	32774-16-6	ppt	26	0	0	--	--	1.45	440	--	--	--	--	--	--	--	--
PCB-17	37680-66-3	ppt	26	19	73	155	184,000	2.44	605	22,300	22,400	44,600	43,700	1,160	836	G/Ln	NP
PCB-170	35065-30-6	ppt	26	21	81	91.9	39,100	2.44	198	9,770	9,780	12,000	11,800	1,290	2,720	G/Ln	N
PCB-171	52663-71-5	ppt	24	19	79	26.7	10,400	2.44	198	2,980	2,980	3,440	3,360	471	1,090	G	N
PCB-172	52663-74-8	ppt	26	20	77	16.2	6,720	2.44	583	1,790	1,780	2,100	2,060	356	661	G	N
PCB-173	68194-16-1	ppt	24	15	63	13.1	1,310	2.44	605	342	321	341	346	104	292	N/G	N
PCB-174	38411-25-5	ppt	26	21	81	121	47,500	2.44	198	12,500	12,500	15,100	14,800	1,590	3,970	G/Ln	N
PCB-175	40186-70-7	ppt	26	18	69	24.7	3,610	2.44	583	666	658	842	831	167	301	G/Ln	N
PCB-176	52663-65-7	ppt	26	20	77	17.3	8,530	2.44	583	1,840	1,840	2,280	2,240	355	705	G/Ln	N
PCB-177	52663-70-4	ppt	26	21	81	65.8	24,200	2.44	198	6,810	6,820	8,150	7,980	964	2,170	NP	NP
PCB-178	52663-67-9	ppt	26	21	81	24.3	11,600	2.44	198	2,730	2,730	3,250	3,180	496	1,140	G/Ln	N
PCB-179	52663-64-6	ppt	26	21	81	55.6	24,900	2.44	198	6,230	6,230	7,530	7,380	923	2,280	G/Ln	N
PCB-18	37680-65-2	ppt	26	23	89	5.27	505,000	2.54	583	54,600	54,600	117,000	115,000	2,560	2,350	G/Ln	G/Ln

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-180	35065-29-3	ppt	24	22	92	4.98	99,600	2.54	7.93	28,300	28,300	32,600	31,900	3,100	11,600	G	N
PCB-181	74472-47-2	ppt	26	15	58	12.8	660	2.44	605	198	175	185	189	74.9	163	N/G	N
PCB-182/187	PCB-182/187	ppt	24	21	88	2.92	73,500	2.54	8.51	18,600	18,600	21,700	21,200	2,170	8,060	G	N
PCB-183	52663-69-1	ppt	26	21	81	69.2	31,700	2.44	198	7,320	7,330	8,900	8,720	1,080	2,880	G/Ln	N
PCB-184	74472-48-3	ppt	26	7	27	30.9	173	2.44	605	115	59.9	107	45.3	47.5	101	N/G/Ln	NP
PCB-185	52712-05-7	ppt	26	18	69	14.5	5,850	2.44	732	1,480	1,460	1,770	1,750	302	441	N/G	N
PCB-186	74472-49-4	ppt	26	0	0	--	--	2.44	605	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt	26	12	46	9.90	377	2.44	605	136	93.8	112	96.1	60.0	108	N/G/Ln	Ln
PCB-189	39635-31-9	ppt	26	20	77	3.84	1,660	0.479	92.3	388	387	455	447	75.4	173	G	N
PCB-19	38444-73-4	ppt	26	15	58	38.6	48,700	2.44	605	5,120	5,090	10,900	10,700	421	298	G/Ln	NP
PCB-190	41411-64-7	ppt	26	20	77	21.6	8,980	2.44	583	2,190	2,180	2,660	2,610	405	654	G/Ln	N
PCB-191	74472-50-7	ppt	26	17	65	23.1	1,720	2.44	605	479	463	525	524	134	263	N/G	N
PCB-192	74472-51-8	ppt	26	0	0	--	--	2.44	605	--	--	--	--	--	--	--	--
PCB-193	69782-91-8	ppt	24	18	75	14.1	4,710	2.44	605	1,410	1,400	1,600	1,570	273	547	NP	N
PCB-194	35694-08-7	ppt	26	21	81	60.8	30,800	2.44	198	7,250	7,260	8,090	7,930	1,230	4,000	G	N
PCB-195	52663-78-2	ppt	26	18	69	23.8	11,400	2.44	1,720	2,720	2,690	3,270	3,230	484	883	N/G	N
PCB-196/203	PCB-196/203	ppt	24	19	79	86.5	45,500	2.44	87.8	10,900	10,900	11,600	11,300	1,560	8,110	N/G	N
PCB-197	33091-17-7	ppt	26	16	62	12.1	1,340	2.44	605	341	325	333	340	116	292	N/G	N/Ln
PCB-198	68194-17-2	ppt	24	17	71	18.2	2,220	2.44	583	566	563	550	542	163	548	N/G	N
PCB-199	52663-75-9	ppt	24	20	83	87.5	47,800	2.44	8.51	11,700	11,700	12,200	11,900	1,760	9,800	N/G	N
PCB-2	2051-61-8	ppt	26	17	65	12.8	4,200	2.44	605	668	641	940	937	166	292	G/Ln	NP
PCB-20/21/33	38444-84-7/5570	ppt	24	18	75	3.20	306,000	2.54	605	36,300	36,200	75,300	73,800	1,700	6,300	G/Ln	Ln
PCB-200	52663-73-7	ppt	26	20	77	11.2	5,750	2.44	553	1,170	1,160	1,380	1,350	277	672	G	N
PCB-201	40186-71-8	ppt	26	21	81	10.2	5,810	2.44	198	1,390	1,390	1,390	1,370	348	1,170	G	N
PCB-202	2136-99-4	ppt	26	22	85	16.3	13,000	2.44	8.51	3,700	3,700	3,820	3,750	734	3,250	G	N
PCB-204	74472-52-9	ppt	26	2	8	39.9	101	2.44	605	104	--	110	--	39.3	70.1	--	--
PCB-205	74472-53-0	ppt	26	18	69	16.1	1,320	2.44	583	358	351	351	349	119	284	N/G	N
PCB-206	40186-72-9	ppt	26	22	85	71.4	74,600	2.44	8.51	14,000	14,100	17,800	17,400	2,120	8,050	G	NP
PCB-207	52663-79-3	ppt	26	21	81	11.3	3,850	2.44	198	1,170	1,170	1,160	1,140	309	932	N/G	N
PCB-208	52663-77-1	ppt	26	22	85	26.2	31,100	2.44	8.51	5,420	5,430	7,460	7,310	885	2,720	G	NP
PCB-209	2051-24-3	ppt	26	22	85	96.4	140,000	2.44	8.51	18,300	18,300	28,900	28,400	2,340	10,100	G	NP
PCB-22	38444-85-8	ppt	26	19	73	152	186,000	2.44	605	21,900	21,900	45,000	44,100	1,160	1,350	G/Ln	NP
PCB-23	55720-44-0	ppt	26	12	46	20.1	2,540	2.44	605	262	223	494	493	68.9	105	G/Ln	NP
PCB-24/27	PCB-24/27	ppt	24	15	63	28.1	38,300	2.44	605	4,820	4,790	8,990	8,820	474	966	G/Ln	NP
PCB-25	55712-37-3	ppt	26	17	65	43.2	42,100	2.44	605	5,950	5,930	10,900	10,700	460	298	G/Ln	NP
PCB-26	38444-81-4	ppt	24	15	63	77.9	80,300	2.44	605	10,600	10,600	19,800	19,400	731	1,250	G/Ln	NP
PCB-28	7012-37-5	ppt	24	19	79	11.0	501,000	2.54	769	68,700	68,600	126,000	123,000	3,210	10,800	G/Ln	G
PCB-29	15862-07-4	ppt	24	12	50	37.9	4,270	2.44	605	483	457	896	885	103	273	G/Ln	NP

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-3	2051-62-9	ppt	26	17	65	25.3	13,900	2.44	605	1,730	1,700	2,970	2,930	282	298	G/Ln	NP
PCB-30	35693-92-6	ppt	26	10	39	26.4	717	2.44	605	150	108	169	156	53.8	99.5	G/Ln	NP
PCB-31	16606-02-3	ppt	26	23	89	5.42	506,000	2.54	583	61,300	61,200	124,000	122,000	2,940	4,650	G/Ln	G/Ln
PCB-34	37680-68-5	ppt	26	12	46	10.2	2,580	2.44	605	427	383	662	667	98.6	175	G/Ln	NP
PCB-35	37680-69-6	ppt	26	17	65	12.0	11,700	2.44	605	1,680	1,650	2,790	2,750	252	391	G/Ln	NP
PCB-36	38444-87-0	ppt	26	7	27	30.7	270	2.44	605	117	72.3	107	65.3	49.6	103	N/G/Ln	NP
PCB-37	38444-90-5	ppt	26	19	73	109	125,000	2.44	605	15,600	15,600	30,400	29,800	934	741	G/Ln	NP
PCB-38	53555-66-1	ppt	26	11	42	59.2	1,810	2.44	605	349	324	450	446	105	180	N/G/Ln	NP
PCB-39	38444-88-1	ppt	26	5	19	102	676	2.44	1,370	180	144	186	119	66.4	107	N/G/Ln	NP
PCB-4/10	PCB-4/10	ppt	24	15	63	83.8	79,500	2.44	605	9,280	9,260	18,200	17,800	672	936	G/Ln	NP
PCB-40	38444-93-8	ppt	22	16	73	63.0	98,400	2.44	583	11,400	11,400	23,200	22,600	717	1,680	G/Ln	Ln
PCB-41/64/71/72	52663-59-9/5266	ppt	23	23	100	5.19	443,000	--	--	52,700	52,700	104,000	104,000	3,670	14,000	G	G
PCB-42/59	36559-22-5/7447	ppt	24	18	75	124	170,000	2.44	605	21,500	21,500	40,500	39,700	1,270	4,040	G/Ln	NP
PCB-43/49	PCB-43/49	ppt	24	22	92	4.59	401,000	2.54	198	53,800	53,800	97,400	95,400	3,890	12,200	G	G
PCB-44	41464-39-5	ppt	24	24	100	3.91	543,000	--	--	66,500	66,500	127,000	127,000	4,680	16,700	G	G
PCB-45	70362-45-7	ppt	24	18	75	54.7	95,500	2.44	583	11,100	11,100	22,000	21,500	755	2,350	G/Ln	NP
PCB-46	41464-47-5	ppt	26	18	69	26.0	39,300	2.44	605	4,350	4,330	8,860	8,700	410	367	G/Ln	Ln
PCB-47	2437-79-8	ppt	24	19	79	23.3	118,000	2.44	583	17,700	17,700	30,000	29,400	1,420	4,410	G/Ln	NP
PCB-48/75	70362-47-9/3259	ppt	24	18	75	74.1	132,000	2.44	583	14,800	14,900	30,100	29,500	957	2,950	G/Ln	Ln
PCB-5/8	PCB-5/8	ppt	24	15	63	217	186,000	2.54	605	22,300	22,400	45,100	44,100	1,160	2,300	G/Ln	NP
PCB-50	62796-65-0	ppt	24	13	54	15.3	2,790	2.44	605	365	336	603	599	92.4	199	G/Ln	Ln
PCB-51	68194-04-7	ppt	24	16	67	20.7	26,800	2.44	605	3,590	3,560	6,370	6,250	413	1,230	G/Ln	NP
PCB-52/69	35693-99-3/6023	ppt	24	24	100	3.07	540,000	--	--	69,500	69,500	125,000	125,000	6,020	22,200	G	G
PCB-53	41464-41-9	ppt	24	18	75	53.4	88,200	2.44	583	10,700	10,700	20,400	20,000	853	2,360	G/Ln	NP
PCB-54	15968-05-5	ppt	26	12	46	46.3	1,420	2.44	605	226	208	311	302	72.0	137	G/Ln	NP
PCB-55	74338-24-2	ppt	26	14	54	32.9	7,620	2.44	605	783	767	1,600	1,570	133	298	G/Ln	NP
PCB-56/60	PCB-56/60	ppt	24	20	83	3.35	342,000	2.54	198	39,200	39,200	78,300	76,600	2,320	10,100	G/Ln	Ln
PCB-57	70424-67-8	ppt	26	14	54	10.9	5,080	2.44	605	483	456	1,020	1,010	90.4	234	G/Ln	NP
PCB-58	41464-49-7	ppt	26	11	42	13.0	899	2.44	605	212	176	244	251	67.6	109	N/G/Ln	NP
PCB-6	25569-80-6	ppt	26	16	62	70.4	47,900	2.44	605	4,690	4,680	10,100	9,890	449	313	G/Ln	NP
PCB-61/70	PCB-61/70	ppt	24	23	96	6.05	588,000	3.39	3.39	73,500	73,500	137,000	134,000	5,540	21,300	G	G
PCB-62	54230-22-7	ppt	24	0	0	--	--	2.44	605	--	--	--	--	--	--	--	--
PCB-63	74472-34-7	ppt	26	20	77	11.1	20,800	2.44	583	2,380	2,370	4,680	4,590	268	296	G/Ln	Ln
PCB-65	33284-54-7	ppt	24	1	4	215	215	2.44	605	102	--	112	--	36.7	70.1	--	--
PCB-67	73575-53-8	ppt	26	16	62	12.1	16,200	2.44	605	1,900	1,860	3,690	3,640	228	298	G/Ln	NP
PCB-68	73575-52-7	ppt	22	9	41	43.7	1,300	2.44	605	285	256	395	389	72.8	124	G/Ln	NP
PCB-7/9	PCB-7/9	ppt	24	14	58	32.5	18,200	2.44	812	2,200	2,150	4,230	4,160	286	354	G/Ln	NP
PCB-73	74338-23-1	ppt	26	1	4	146	146	2.44	605	94.6	--	106	--	37.8	41.4	--	--

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-74	32690-93-0	ppt	24	20	83	49.8	252,000	2.44	8.51	30,400	30,500	58,700	57,400	1,930	7,900	G/Ln	NP
PCB-76/66	PCB-76/66	ppt	24	22	92	4.81	444,000	2.54	198	59,000	59,000	107,000	105,000	3,890	13,100	G	G
PCB-77	32598-13-3	ppt	26	21	81	2.79	39,300	1.02	201	5,560	5,550	9,680	9,500	435	693	G/Ln	G/Ln
PCB-78	70362-49-1	ppt	26	1	4	11.2	11.2	2.44	605	89.4	--	107	--	34.3	31.6	--	--
PCB-79	41464-48-6	ppt	26	18	69	57.4	3,240	2.44	583	516	521	749	731	132	239	G/Ln	Ln
PCB-80	33284-52-5	ppt	26	0	0	--	--	2.44	605	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt	26	18	69	7.22	1,870	0.593	181	266	264	405	398	50.7	135	G	NP
PCB-82	52663-62-4	ppt	26	21	81	35.8	65,200	2.44	198	7,480	7,490	14,000	13,700	926	2,790	G/Ln	Ln
PCB-83	60145-20-2	ppt	24	5	21	50.7	671	2.44	605	130	96.6	161	130	42.0	74.8	N/G/Ln	NP
PCB-84/92	52663-60-2/5266	ppt	24	21	88	16.1	163,000	2.44	7.93	25,000	25,000	38,800	38,000	2,650	9,880	G	NP
PCB-85/116	PCB-85/116	ppt	24	19	79	52.0	73,300	2.44	198	10,100	10,100	16,900	16,500	1,200	4,840	G/Ln	Ln
PCB-86	55312-69-1	ppt	24	13	54	15.3	5,090	2.44	605	599	575	1,070	1,060	127	291	G/Ln	Ln
PCB-87/117/125	38380-02-8/6819	ppt	24	21	88	10.9	144,000	2.44	7.93	19,700	19,700	32,300	31,600	2,230	10,300	G	NP
PCB-88/91	PCB-88/91	ppt	26	22	85	10.6	72,600	2.44	198	9,830	9,830	16,600	16,300	1,220	3,130	G/Ln	Ln
PCB-89	73575-57-2	ppt	26	17	65	32.6	9,220	2.44	605	1,090	1,080	2,030	2,000	182	324	G/Ln	Ln
PCB-90/101	PCB-90/101	ppt	24	24	100	2.95	409,000	--	--	61,100	61,100	93,500	93,500	7,030	29,500	G	G
PCB-93	73575-56-1	ppt	24	0	0	--	--	2.44	605	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt	26	14	54	25.8	3,200	2.44	605	444	424	695	690	118	216	G/Ln	Ln
PCB-95/98/102	38379-99-6/6023	ppt	24	23	96	6.32	299,000	2.54	2.54	46,000	46,000	69,800	68,300	5,230	19,600	G	G
PCB-96	73575-54-9	ppt	26	15	58	30.0	5,580	2.44	605	654	640	1,210	1,190	139	279	G/Ln	Ln
PCB-97	41464-51-1	ppt	24	20	83	11.9	120,000	2.44	198	18,200	18,200	28,400	27,800	2,050	8,150	G	NP
PCB-99	38380-01-7	ppt	24	23	96	3.28	165,000	2.54	2.54	28,000	28,000	41,400	40,500	3,310	12,000	G	G
Total Congener PCBs (209)	No CAS	ppt	26	26	100	15.1	12,000,000	--	--	1,640,000	1,640,000	2,750,000	2,750,000	155,000	495,000	G	G
Total Congener PCBs (NOAA 1989)	No CAS	ppt	24	24	100	19.9	8,830,000	--	--	1,310,000	1,310,000	2,080,000	2,080,000	123,000	567,000	G	G

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	7	6	86	0.27	1.0	0.087	0.087	0.44	--	0.29	--	0.33	0.41	--	--
Metals																	
Aluminum	7429-90-5	ppm	11	11	100	3,200	18,600	--	--	14,500	14,500	4,250	4,250	13,400	15,300	NP	NP
Antimony	7440-36-0	ppm	11	3	27	1.2	440	1.1	7.6	42.2	--	132	--	3.2	3.5	--	--
Arsenic	7440-38-2	ppm	11	11	100	1.5	117	--	--	33.6	33.6	30.8	30.8	22.3	26.9	G/Ln	G/Ln
Barium	7440-39-3	ppm	11	11	100	32.1	2,980	--	--	570	570	824	824	320	346	Ln	Ln
Beryllium	7440-41-7	ppm	11	11	100	0.15	1.4	--	--	0.88	0.88	0.35	0.35	0.78	0.90	N	N
Cadmium	7440-43-9	ppm	12	11	92	0.86	8.1	2.8	2.8	3.9	4.0	2.2	2.0	3.3	3.6	N/G/Ln	N/G/Ln
Calcium	7440-70-2	ppm	11	11	100	1,810	18,500	--	--	7,730	7,730	4,830	4,830	6,510	6,540	N/G/Ln	N/G/Ln
Chromium	7440-47-3	ppm	11	11	100	28.5	309	--	--	144	144	72.2	72.2	125	142	N/G/Ln	N/G/Ln
Cobalt	7440-48-4	ppm	11	11	100	3.1	14.8	--	--	11.2	11.2	3.2	3.2	10.5	12.1	NP	NP
Copper	7440-50-8	ppm	11	11	100	68.6	600	--	--	364	364	151	151	323	360	N/G	N/G
Iron	7439-89-6	ppm	11	11	100	7,970	43,200	--	--	34,500	34,500	10,400	10,400	31,900	37,800	NP	NP
Lead	7439-92-1	ppm	11	11	100	102	1,000	--	--	403	403	308	308	320	262	G/Ln	G/Ln
Magnesium	7439-95-4	ppm	11	11	100	2,290	10,200	--	--	8,050	8,050	2,260	2,260	7,580	7,940	NP	NP
Manganese	7439-96-5	ppm	11	11	100	68.9	503	--	--	351	351	128	128	316	380	N/G	N/G
Mercury	7439-97-6	ppm	12	12	100	1.1	11.0	--	--	5.3	5.3	2.8	2.8	4.5	4.8	N/G/Ln	N/G/Ln
Nickel	7440-02-0	ppm	11	11	100	23.2	147	--	--	53.5	53.5	32.5	32.5	48.0	48.3	NP	NP
Potassium	7440-09-7	ppm	11	11	100	665	4,810	--	--	3,340	3,340	1,110	1,110	3,040	3,560	N/G	N/G
Selenium	7782-49-2	ppm	11	9	82	0.20	14.2	2.3	7.1	3.0	2.8	3.8	3.7	1.9	2.3	G/Ln	G/Ln
Silver	7440-22-4	ppm	10	10	100	0.36	6.5	--	--	4.0	4.0	1.8	1.8	3.3	4.0	N/G	N/G
Sodium	7440-23-5	ppm	11	11	100	2,410	16,500	--	--	11,600	11,600	4,020	4,020	10,600	12,100	N/G	N/G
Thallium	7440-28-0	ppm	11	6	55	0.056	0.29	1.3	2.0	0.50	0.20	0.36	0.078	0.36	0.29	N/G/Ln	N/G
Titanium	7440-32-6	ppm	7	7	100	164	590	--	--	460	460	141	141	432	512	--	--
Vanadium	7440-62-2	ppm	11	11	100	10.1	103	--	--	54.6	54.6	21.9	21.9	48.9	57.4	N	N
Zinc	7440-66-6	ppm	11	11	100	158	821	--	--	479	479	193	193	440	447	N/G/Ln	N/G/Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	15	14	93	0.25	6.4	0.18	0.18	1.3	1.4	1.8	1.7	0.71	0.58	G/Ln	Ln
Metals																	
Aluminum	7429-90-5	ppm	18	18	100	7,290	20,700	--	--	15,200	15,200	3,940	3,940	14,700	15,500	N/G/Ln	N/G/Ln
Antimony	7440-36-0	ppm	18	6	33	4.6	429	4.2	7.8	43.8	44.8	107	104	7.2	3.8	N/G/Ln	NP
Arsenic	7440-38-2	ppm	18	18	100	6.8	162	--	--	46.0	46.0	38.7	38.7	33.7	35.7	G/Ln	G/Ln
Barium	7440-39-3	ppm	18	18	100	144	2,680	--	--	723	723	796	796	480	385	NP	NP
Beryllium	7440-41-7	ppm	18	18	100	0.39	1.1	--	--	0.83	0.83	0.21	0.21	0.79	0.93	NP	NP
Cadmium	7440-43-9	ppm	18	18	100	4.0	14.8	--	--	8.7	8.7	3.7	3.7	7.9	7.7	N/G/Ln	N/G/Ln

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Calcium	7440-70-2	ppm	18	18	100	4,170	10,600	--	--	6,180	6,180	1,490	1,490	6,030	6,120	G/Ln	G/Ln
Chromium	7440-47-3	ppm	18	18	100	70.2	383	--	--	219	219	91.3	91.3	199	210	N/G/Ln	N/G/Ln
Cobalt	7440-48-4	ppm	18	18	100	6.9	16.7	--	--	12.3	12.3	3.2	3.2	11.9	12.4	N/G	N/G
Copper	7440-50-8	ppm	18	18	100	186	1,130	--	--	543	543	281	281	481	449	G/Ln	G/Ln
Iron	7439-89-6	ppm	18	18	100	18,900	46,100	--	--	36,100	36,100	8,210	8,210	35,000	37,900	N/G	N/G
Lead	7439-92-1	ppm	18	18	100	236	892	--	--	466	466	177	177	436	467	N/G/Ln	N/G/Ln
Magnesium	7439-95-4	ppm	18	18	100	4,250	10,600	--	--	7,980	7,980	1,890	1,890	7,740	7,670	N/G/Ln	N/G/Ln
Manganese	7439-96-5	ppm	18	18	100	177	568	--	--	346	346	102	102	331	366	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm	15	15	100	0.99	17.5	--	--	8.9	8.9	5.6	5.6	6.4	9.6	N/G	N/G
Nickel	7440-02-0	ppm	18	18	100	36.2	90.3	--	--	59.0	59.0	18.1	18.1	56.6	54.0	G/Ln	G/Ln
Potassium	7440-09-7	ppm	18	18	100	1,490	4,030	--	--	3,030	3,030	824	824	2,910	2,960	N/G	N/G
Selenium	7782-49-2	ppm	18	15	83	0.60	8.6	6.1	7.0	3.1	3.0	2.0	2.0	2.6	3.0	G/Ln	G/Ln
Silver	7440-22-4	ppm	18	18	100	1.1	11.0	--	--	6.4	6.4	2.7	2.7	5.7	6.2	N/G	N/G
Sodium	7440-23-5	ppm	18	18	100	4,830	15,000	--	--	11,200	11,200	2,940	2,940	10,800	11,100	N	N
Thallium	7440-28-0	ppm	18	15	83	0.11	9.1	1.2	1.5	1.6	1.5	3.0	2.9	0.50	0.29	NP	NP
Titanium	7440-32-6	ppm	15	15	100	224	626	--	--	490	490	119	119	473	510	N/G	N/G
Vanadium	7440-62-2	ppm	18	18	100	29.8	113	--	--	66.3	66.3	26.2	26.2	61.5	60.4	N/G/Ln	N/G/Ln
Zinc	7440-66-6	ppm	18	18	100	311	1,040	--	--	636	636	226	226	599	546	N/G/Ln	N/G/Ln
Subsurface (>3.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	24	20	83	0.19	23.4	0.088	0.10	3.8	3.8	6.3	6.2	1.1	1.4	G/Ln	Ln
Metals																	
Aluminum	7429-90-5	ppm	26	26	100	10,500	28,100	--	--	15,600	15,600	4,150	4,150	15,100	13,900	G/Ln	G/Ln
Antimony	7440-36-0	ppm	26	4	15	3.4	31.8	2.9	6.9	3.9	--	5.8	--	2.9	2.6	--	--
Arsenic	7440-38-2	ppm	26	26	100	0.23	530	--	--	92.3	92.3	118	118	33.3	51.2	G	G
Barium	7440-39-3	ppm	26	26	100	40.0	4,220	--	--	931	931	1,060	1,060	468	502	G/Ln	G/Ln
Beryllium	7440-41-7	ppm	26	26	100	0.54	1.9	--	--	0.89	0.89	0.28	0.28	0.85	0.84	G/Ln	G/Ln
Cadmium	7440-43-9	ppm	26	25	96	0.13	30.6	1.9	1.9	8.1	8.1	8.4	8.2	3.4	5.2	G	NP
Calcium	7440-70-2	ppm	26	26	100	547	23,400	--	--	6,050	6,050	4,670	4,670	4,340	5,770	NP	NP
Chromium	7440-47-3	ppm	26	26	100	20.5	628	--	--	200	200	165	165	128	181	G	G
Cobalt	7440-48-4	ppm	26	26	100	7.7	26.3	--	--	13.1	13.1	3.9	3.9	12.6	12.6	G/Ln	G/Ln
Copper	7440-50-8	ppm	26	26	100	11.0	1,670	--	--	577	577	439	439	276	635	N	N
Iron	7439-89-6	ppm	26	26	100	21,200	67,900	--	--	35,600	35,600	10,400	10,400	34,300	35,100	G/Ln	G/Ln
Lead	7439-92-1	ppm	26	26	100	9.3	7,920	--	--	896	896	1,540	1,540	315	541	G	G
Magnesium	7439-95-4	ppm	26	26	100	4,970	16,000	--	--	7,890	7,890	2,570	2,570	7,550	7,310	G/Ln	G/Ln
Manganese	7439-96-5	ppm	26	26	100	145	722	--	--	351	351	145	145	324	313	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm	24	20	83	0.019	436	0.0092	0.014	30.4	30.5	88.3	86.4	1.9	4.1	G/Ln	G/Ln
Nickel	7440-02-0	ppm	26	26	100	18.4	105	--	--	51.9	51.9	23.8	23.8	46.4	47.5	N/G/Ln	N/G/Ln

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Potassium	7440-09-7	ppm	26	26	100	1,850	5,470	--	--	2,920	2,920	818	818	2,820	2,800	G/Ln	G/Ln
Selenium	7782-49-2	ppm	26	23	89	0.075	19.5	0.017	6.2	4.2	4.2	4.5	4.5	1.9	3.1	G/Ln	G/Ln
Silver	7440-22-4	ppm	22	22	100	0.015	12.8	--	--	4.3	4.3	4.0	4.0	1.7	2.6	G	G
Sodium	7440-23-5	ppm	26	26	100	1,610	16,500	--	--	7,930	7,930	4,190	4,190	6,630	6,990	N/G	N/G
Thallium	7440-28-0	ppm	26	22	85	0.12	8.1	1.1	1.4	0.86	0.80	2.1	2.0	0.32	0.22	NP	NP
Titanium	7440-32-6	ppm	24	24	100	294	691	--	--	446	446	122	122	430	403	G/Ln	G/Ln
Vanadium	7440-62-2	ppm	26	26	100	25.5	230	--	--	63.1	63.1	49.9	49.9	52.5	44.1	NP	NP
Zinc	7440-66-6	ppm	26	26	100	42.8	1,570	--	--	577	577	392	392	386	663	N	N

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		Limits		Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	6	3	50	21	88	29	30	32	--	29	--	25	18	--	--
2,4,5-TP (Silvex)	93-72-1	ppb	3	3	100	29	75	--	--	52	52	23	23	48	52	--	--
2,4-D	94-75-7	ppb	7	5	71.4	36	160	110	120	76	--	42	--	68	60	--	--
2,4-DB	94-82-6	ppb	4	4	100	58	950	--	--	380	380	410	410	220	250	--	--
PBDEs																	
BDE-1	BDE-1	ppb	2	2	100	0.0031	0.079	--	--	0.041	0.041	0.054	0.054	0.016	0.041	--	--
BDE-10	BDE-10	ppb	2	0	0	--	--	0.00047	0.0054	--	--	--	--	--	--	--	--
BDE-100	BDE-100	ppb	2	1	50	0.037	0.037	0.0077	0.0077	0.021	--	0.024	--	0.012	0.021	--	--
BDE-105	BDE-105	ppb	2	0	0	--	--	0.0067	0.052	--	--	--	--	--	--	--	--
BDE-116	BDE-116	ppb	2	0	0	--	--	0.0038	0.023	--	--	--	--	--	--	--	--
BDE-118	BDE-118	ppb	2	0	0	--	--	0.0032	0.020	--	--	--	--	--	--	--	--
BDE-119	BDE-119	ppb	2	0	0	--	--	0.0017	0.011	--	--	--	--	--	--	--	--
BDE-12/13	BDE-12/13	ppb	2	0	0	--	--	0.00033	0.0038	--	--	--	--	--	--	--	--
BDE-126	BDE-126	ppb	2	0	0	--	--	0.0016	0.010	--	--	--	--	--	--	--	--
BDE-138	BDE-138	ppb	2	0	0	--	--	0.0029	0.045	--	--	--	--	--	--	--	--
BDE-139	BDE-139	ppb	2	1	50	0.0045	0.0045	0.054	0.054	0.016	--	0.016	--	0.011	0.016	--	--
BDE-140	BDE-140	ppb	2	0	0	--	--	0.0038	0.058	--	--	--	--	--	--	--	--
BDE-15	BDE-15	ppb	2	2	100	0.024	0.041	--	--	0.032	0.032	0.012	0.012	0.031	0.032	--	--
BDE-153	BDE-153	ppb	2	1	50	0.026	0.026	0.034	0.034	0.022	--	0.0061	--	0.021	0.022	--	--
BDE-154	BDE-154	ppb	2	1	50	0.021	0.021	0.022	0.022	0.016	--	0.0074	--	0.015	0.016	--	--
BDE-155	BDE-155	ppb	2	1	50	0.0014	0.0014	0.020	0.020	0.0057	--	0.0061	--	0.0038	0.0057	--	--
BDE-156/169	BDE-156/169	ppb	2	0	0	--	--	0.0054	0.084	--	--	--	--	--	--	--	--
BDE-166	BDE-166	ppb	2	0	0	--	--	0.0047	0.072	--	--	--	--	--	--	--	--
BDE-17	BDE-17	ppb	2	2	100	0.010	0.016	--	--	0.013	0.013	0.0044	0.0044	0.013	0.013	--	--
BDE-179	BDE-179	ppb	2	1	50	0.034	0.034	0.042	0.042	0.027	--	0.0091	--	0.027	0.027	--	--
BDE-181	BDE-181	ppb	2	0	0	--	--	0.0100	0.029	--	--	--	--	--	--	--	--
BDE-183/176	BDE-183/176	ppb	2	1	50	0.059	0.059	0.019	0.019	0.034	--	0.035	--	0.024	0.034	--	--
BDE-188	BDE-188	ppb	2	0	0	--	--	0.0084	0.025	--	--	--	--	--	--	--	--
BDE-190	BDE-190	ppb	2	0	0	--	--	0.016	0.046	--	--	--	--	--	--	--	--
BDE-191	BDE-191	ppb	2	0	0	--	--	0.020	0.058	--	--	--	--	--	--	--	--
BDE-196	BDE-196	ppb	2	1	50	0.20	0.20	0.22	0.22	0.16	--	0.064	--	0.15	0.16	--	--
BDE-197	BDE-197	ppb	2	0	0	--	--	0.034	0.040	--	--	--	--	--	--	--	--
BDE-2	BDE-2	ppb	2	1	50	0.0042	0.0042	0.015	0.015	0.0058	--	0.0022	--	0.0056	0.0058	--	--
BDE-202	BDE-202	ppb	2	0	0	--	--	0.031	0.20	--	--	--	--	--	--	--	--
BDE-203	BDE-203	ppb	2	1	50	0.033	0.033	0.072	0.072	0.034	--	0.0024	--	0.034	0.034	--	--
BDE-205	BDE-205	ppb	2	0	0	--	--	0.088	0.58	--	--	--	--	--	--	--	--
BDE-207	BDE-207	ppb	2	0	0	--	--	0.10	0.14	--	--	--	--	--	--	--	--
BDE-208	BDE-208	ppb	2	1	50	0.080	0.080	0.11	0.11	0.069	--	0.016	--	0.068	0.069	--	--
BDE-209	BDE-209	ppb	2	1	50	2.6	2.6	1.1	1.1	1.6	--	1.4	--	1.2	1.6	--	--
BDE-25	BDE-25	ppb	2	0	0	--	--	0.0025	0.0034	--	--	--	--	--	--	--	--
BDE-28/33	BDE-28/33	ppb	2	2	100	0.0072	0.0075	--	--	0.0073	0.0073	0.00023	0.00023	0.0073	0.0073	--	--
BDE-3	BDE-3	ppb	2	2	100	0.0095	0.041	--	--	0.025	0.025	0.022	0.022	0.020	0.025	--	--
BDE-30	BDE-30	ppb	2	0	0	--	--	0.0019	0.0026	--	--	--	--	--	--	--	--
BDE-32	BDE-32	ppb	2	0	0	--	--	0.0019	0.0026	--	--	--	--	--	--	--	--
BDE-35	BDE-35	ppb	2	1	50	0.0045	0.0045	0.0017	0.0017	0.0027	--	0.0026	--	0.0020	0.0027	--	--
BDE-37	BDE-37	ppb	2	0	0	--	--	0.0017	0.0023	--	--	--	--	--	--	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		Limits		Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
BDE-47	BDE-47	ppb	2	2	100	0.038	0.14	--	--	0.088	0.088	0.070	0.070	0.072	0.088	--	--
BDE-49	BDE-49	ppb	2	2	100	0.019	0.022	--	--	0.020	0.020	0.0021	0.0021	0.020	0.020	--	--
BDE-66	BDE-66	ppb	2	1	50	0.0038	0.0038	0.011	0.011	0.0046	--	0.0011	--	0.0045	0.0046	--	--
BDE-7	BDE-7	ppb	2	2	100	0.0030	0.046	--	--	0.025	0.025	0.030	0.030	0.012	0.025	--	--
BDE-71	BDE-71	ppb	2	0	0	--	--	0.00019	0.0078	--	--	--	--	--	--	--	--
BDE-75	BDE-75	ppb	2	0	0	--	--	0.00012	0.0048	--	--	--	--	--	--	--	--
BDE-77	BDE-77	ppb	2	0	0	--	--	0.00015	0.0061	--	--	--	--	--	--	--	--
BDE-8/11	BDE-8/11	ppb	2	1	50	0.019	0.019	0.0054	0.0054	0.011	--	0.011	--	0.0071	0.011	--	--
BDE-85	BDE-85	ppb	2	1	50	0.0071	0.0071	0.013	0.013	0.0069	--	0.00033	--	0.0069	0.0069	--	--
BDE-99	BDE-99	ppb	2	1	50	0.20	0.20	0.041	0.041	0.11	--	0.13	--	0.064	0.11	--	--
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb	7	0	0	--	--	43	100	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	7	0	0	--	--	43	100	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	7	0	0	--	--	43	100	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	7	6	85.7	110	350	43	43	140	--	100	--	110	120	--	--
Aroclor-1248	12672-29-6	ppb	7	0	0	--	--	43	100	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb	7	7	100	51	940	--	--	310	310	290	290	230	260	--	--
Aroclor-1260	11096-82-5	ppb	7	7	100	53	570	--	--	190	190	170	170	140	140	--	--
Aroclor-1262	37324-23-5	ppb	7	0	0	--	--	43	100	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	7	0	0	--	--	43	100	--	--	--	--	--	--	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb	7	7	100	100	1,900	--	--	650	650	580	580	480	480	--	--
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb	7	7	100	100	1,900	--	--	650	650	580	580	480	480	--	--
PCNs																	
PCN-1	PCN-1	ppt	2	2	100	3,500	17,000	--	--	10,000	10,000	9,500	9,500	7,700	10,000	--	--
PCN-10	PCN-10	ppt	2	2	100	45	120	--	--	81	81	52	52	72	81	--	--
PCN-12	PCN-12	ppt	2	2	100	400	14,000	--	--	7,000	7,000	9,300	9,300	2,300	7,000	--	--
PCN-13	PCN-13	ppt	1	0	0	--	--	10.0	10.0	--	--	--	--	--	--	--	--
PCN-2	PCN-2	ppt	2	2	100	770	5,700	--	--	3,200	3,200	3,500	3,500	2,100	3,200	--	--
PCN-27	PCN-27	ppt	2	2	100	130	390	--	--	260	260	180	180	220	260	--	--
PCN-28/36	PCN-28/36	ppt	2	1	50	360	360	20	20	190	--	250	--	60	190	--	--
PCN-3	PCN-3	ppt	2	2	100	180	1,600	--	--	890	890	1,000	1,000	530	890	--	--
PCN-31	PCN-31	ppt	2	2	100	630	1,000	--	--	820	820	270	270	800	820	--	--
PCN-42	PCN-42	ppt	2	2	100	880	2,100	--	--	1,500	1,500	850	850	1,400	1,500	--	--
PCN-46	PCN-46	ppt	1	1	100	170	170	--	--	NA	#VALUE!	NA	#VALUE!	NA	170	--	--
PCN-48	PCN-48	ppt	2	1	50	12	12	10.0	10.0	8.3	--	4.7	--	7.6	8.3	--	--
PCN-49	PCN-49	ppt	2	2	100	72	110	--	--	93	93	30	30	90	93	--	--
PCN-5	PCN-5	ppt	2	2	100	820	49,000	--	--	25,000	25,000	34,000	34,000	6,400	25,000	--	--
PCN-50	PCN-50	ppt	2	2	100	360	1,500	--	--	940	940	830	830	740	940	--	--
PCN-52	PCN-52	ppt	2	2	100	1,400	1,700	--	--	1,600	1,600	230	230	1,500	1,600	--	--
PCN-53	PCN-53	ppt	2	2	100	850	1,300	--	--	1,100	1,100	300	300	1,000	1,100	--	--
PCN-54	PCN-54	ppt	1	1	100	1,300	1,300	--	--	NA	#VALUE!	NA	#VALUE!	NA	1,300	--	--
PCN-6	PCN-6	ppt	2	2	100	370	14,000	--	--	7,300	7,300	9,800	9,800	2,300	7,300	--	--
PCN-66/67	PCN-66/67	ppt	2	2	100	760	8,200	--	--	4,500	4,500	5,300	5,300	2,500	4,500	--	--
PCN-68	PCN-68	ppt	2	2	100	620	1,200	--	--	920	920	430	430	870	920	--	--
PCN-69	PCN-69	ppt	2	2	100	820	2,100	--	--	1,500	1,500	900	900	1,300	1,500	--	--
PCN-70	PCN-70	ppt	1	0	0	--	--	10.0	10.0	--	--	--	--	--	--	--	--
PCN-71/72	PCN-71/72	ppt	2	2	100	910	2,800	--	--	1,900	1,900	1,300	1,300	1,600	1,900	--	--
PCN-73	PCN-73	ppt	2	2	100	2,500	14,000	--	--	8,100	8,100	7,900	7,900	5,800	8,100	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		Limits		Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCN-74	PCN-74	ppt	2	2	100	870	1,300	--	--	1,100	1,100	280	280	1,000	1,100	--	--
PCN-75	PCN-75	ppt	2	2	100	260	850	--	--	550	550	420	420	470	550	--	--
PCN-9	PCN-9	ppt	2	2	100	79	590	--	--	330	330	360	360	220	330	--	--
Pesticides																	
2,4'-DDD	53-19-0	ppb	15	14	93.3	12	400	4.3	4.3	100	100	99	95	59	86	G/Ln	Ln
2,4'-DDE	3424-82-6	ppb	14	12	85.7	16	98	4.3	9.8	47	49	28	24	33	50	N/G/Ln	N/Ln
2,4'-DDT	789-02-6	ppb	14	9	64.3	0.80	52	3.6	9.8	11	11	14	14	6.0	4.8	G/Ln	Ln
4,4'-DDD	72-54-8	ppb	15	14	93.3	12	1,000	950	950	340	330	270	270	210	270	N/G/Ln	N/G/Ln
4,4'-DDE	72-55-9	ppb	15	15	100	6.0	290	--	--	120	120	80	80	87	120	N/G	N/G
4,4'-DDT	50-29-3	ppb	15	14	93.3	5.8	1,900	9.5	9.5	590	590	700	670	140	300	G	N/G
Aldrin	309-00-2	ppb	14	7	50	0.20	4.5	0.10	10	2.1	1.4	1.8	1.6	1.2	1.8	G/Ln	N/G/Ln
Alpha-BHC	319-84-6	ppb	15	8	53.3	0.17	1.6	2.2	10	1.7	0.66	1.5	0.45	1.1	1.1	N/G/Ln	N/G/Ln
Alpha-Chlordane	5103-71-9	ppb	15	14	93.3	3.6	27	9.5	9.5	12	12	7.8	7.5	9.9	8.6	N/G/Ln	G/Ln
Beta-BHC	319-85-7	ppb	13	7	53.8	0.090	2.0	0.20	10	1.5	0.45	1.7	0.59	0.67	0.37	Ln	NP
Delta-BHC	319-86-8	ppb	7	1	14.3	3.6	3.6	2.2	10	3.1	--	1.4	--	2.8	2.5	--	--
Dieldrin	60-57-1	ppb	15	10	66.7	1.5	70	4.3	20	10	9.3	17	17	5.7	4.9	Ln	NP
Endosulfan I	959-98-8	ppb	14	0	0	--	--	0.10	10	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb	14	0	0	--	--	0.10	20	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb	14	1	7.1	0.056	0.056	0.030	20	2.9	--	3.6	--	0.39	1.1	--	--
Endrin	72-20-8	ppb	14	2	14.3	0.50	1.9	0.096	20	2.8	--	3.5	--	0.86	1.2	--	--
Endrin Aldehyde	7421-93-4	ppb	14	2	14.3	0.046	4.9	0.081	19	2.6	--	3.0	--	0.61	1.2	--	--
Endrin Ketone	53494-70-5	ppb	14	1	7.1	5.0	5.0	0.045	20	3.0	--	3.6	--	0.66	1.2	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	14	8	57.1	0.040	16	0.12	10	2.4	1.4	4.3	4.1	0.61	0.80	G/Ln	G
Gamma-Chlordane	5566-34-7	ppb	7	5	71.4	8.4	34	9.5	100	21	--	16	--	16	14	--	--
Heptachlor	76-44-8	ppb	14	3	21.4	0.036	2.9	0.024	10	1.5	--	1.8	--	0.29	0.59	--	--
Heptachlor Epoxide	1024-57-3	ppb	14	12	85.7	0.096	15	2.2	10	3.5	3.1	5.0	4.9	0.90	0.35	NP	NP
Hexachlorobenzene	118-74-1	ppb	8	8	100	1.7	15	--	--	6.6	6.6	4.4	4.4	5.3	6.6	N/G/Ln	N/G/Ln
Methoxychlor	72-43-5	ppb	14	0	0	--	--	1.00	100	--	--	--	--	--	--	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb	7	6	85.7	5.2	61	9.5	9.5	25	--	21	--	17	19	--	--
Total DDT (2,4 & 4,4)	No CAS	ppb	7	7	100	26	3,700	--	--	1,200	1,200	1,400	1,400	420	850	--	--
Total DDT (2,4)	No CAS	ppb	7	7	100	2.1	550	--	--	140	140	190	190	48	95	--	--
Total DDT (4,4)	No CAS	ppb	15	15	100	24	3,200	--	--	1,000	1,000	940	940	540	890	N/G/Ln	N/G/Ln
Toxaphene	8001-35-2	ppb	7	0	0	--	--	220	1,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	7	0	0	--	--	430	1,200	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	15	14	93.3	50	270	50	50	160	160	82	77	130	150	N/G/Ln	N/Ln
2-Methylphenol	95-48-7	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		Limits		Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2-Nitroaniline	88-74-4	ppb	7	0	0	--	--	430	1,200	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	7	0	0	--	--	430	1,200	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	7	0	0	--	--	430	1,200	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	7	1	14.3	90	90	220	620	220	--	82	--	200	250	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
4-Nitroaniline	100-01-6	ppb	7	0	0	--	--	430	1,200	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	7	0	0	--	--	430	1,200	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	15	14	93.3	32	340	0.10	0.10	110	110	99	94	51	67	Ln	Ln
Acenaphthylene	208-96-8	ppb	15	14	93.3	46	230	0.10	0.10	120	120	64	57	67	110	N/G/Ln	N/Ln
Acetophenone	98-86-2	ppb	7	1	14.3	300	300	220	620	240	--	65	--	230	250	--	--
Anthracene	120-12-7	ppb	15	15	100	58	1,600	--	--	410	410	350	350	330	340	NP	NP
Atrazine	1912-24-9	ppb	7	0	0	--	--	24	620	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb	7	2	28.6	90	110	220	620	190	--	88	--	170	250	--	--
Benzo(a)anthracene	56-55-3	ppb	15	15	100	140	4,200	--	--	1,200	1,200	990	990	910	990	G/Ln	G/Ln
Benzo(a)pyrene	50-32-8	ppb	15	15	100	110	3,300	--	--	1,300	1,300	940	940	960	1,100	N/G/Ln	N/G/Ln
Benzo(b)fluoranthene	205-99-2	ppb	14	14	100	230	5,000	--	--	2,000	2,000	1,400	1,400	1,500	1,900	N/G/Ln	N/G/Ln
Benzo(g,h,i)perylene	191-24-2	ppb	15	15	100	130	2,200	--	--	720	720	480	480	600	660	G/Ln	G/Ln
Benzo(k)fluoranthene	207-08-9	ppb	14	14	100	51	3,500	--	--	1,300	1,300	1,100	1,100	850	810	N/G/Ln	N/G/Ln
Biphenyl	92-52-4	ppb	15	10	66.7	23	100	1.0	620	110	63	98	26	66	77	N/G/Ln	N/Ln
bis(2-Chloroethoxy)methane	111-91-1	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	7	7	100	1,500	12,000	--	--	6,500	6,500	3,800	3,800	5,300	7,100	--	--
Butyl benzyl phthalate	85-68-7	ppb	7	5	71.4	67	700	490	940	290	--	230	--	220	250	--	--
Caprolactam	105-60-2	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb	7	7	100	51	280	--	--	150	150	76	76	130	140	--	--
Chrysene	218-01-9	ppb	15	15	100	110	4,300	--	--	1,400	1,400	1,100	1,100	1,000	970	G/Ln	G/Ln
Dibenzo(a,h)anthracene	53-70-3	ppb	15	15	100	25	680	--	--	180	180	150	150	150	160	G/Ln	G/Ln
Dibenzofuran	132-64-9	ppb	7	4	57.1	100	160	480	520	180	--	70	--	160	160	--	--
Diethyl phthalate	84-66-2	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	7	3	42.9	51	86	220	520	150	--	91	--	130	110	--	--
Di-n-Octylphthalate	117-84-0	ppb	7	4	57.1	86	560	490	520	250	--	150	--	210	250	--	--
Fluoranthene	206-44-0	ppb	15	15	100	290	6,300	--	--	2,400	2,400	1,600	1,600	1,900	2,200	N/G/Ln	N/G/Ln
Fluorene	86-73-7	ppb	15	14	93.3	38	250	0.10	0.10	100	110	70	65	57	89	N/G/Ln	N/Ln
Hexachlorobenzene	118-74-1	ppb	7	3	42.9	5.1	6.7	12	63	11	--	9.5	--	9.1	6.7	--	--
Hexachlorobutadiene	87-68-3	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	3	0	0	--	--	490	620	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	15	15	100	80	1,900	--	--	660	660	430	430	540	590	G/Ln	G/Ln
Isophorone	78-59-1	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	15	15	100	72	520	--	--	240	240	160	160	190	150	G/Ln	G/Ln
Nitrobenzene	98-95-3	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		Limits		Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
N-Nitrosodiphenylamine	86-30-6	ppb	7	1	14.3	110	110	220	520	210	--	67	--	200	250	--	--
Pentachlorophenol	87-86-5	ppb	7	0	0	--	--	20	940	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb	15	15	100	100	1,800	--	--	720	720	520	520	570	550	G/Ln	G/Ln
Phenol	108-95-2	ppb	7	0	0	--	--	220	620	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb	15	15	100	210	7,000	--	--	2,600	2,600	1,700	1,700	2,100	2,400	N/G	N/G
Total HMW PAHs-SVOC	No CAS	ppb	13	13	100	1,400	36,000	--	--	15,000	15,000	9,200	9,200	12,000	12,000	N/G/Ln	N/G/Ln
Total LMW PAHs-SVOC	No CAS	ppb	14	14	100	300	3,400	--	--	1,900	1,900	870	870	1,700	1,900	N/G	N/G
TOTAL PAHs - SVOC	No CAS	ppb	13	13	100	1,700	39,000	--	--	17,000	17,000	10,000	10,000	13,000	14,000	N/G/Ln	N/G/Ln
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	7	7	100	440	5,800	--	--	2,600	2,600	1,800	1,800	2,000	2,000	--	--
Volatiles																	
1,2,3-Trichlorobenzene	87-61-6	ppb	7	0	0	--	--	9.9	27	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	7	0	0	--	--	9.9	27	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb	7	0	0	--	--	9.9	27	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb	7	0	0	--	--	9.9	27	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	ppb	7	0	0	--	--	9.9	27	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb	7	0	0	--	--	9.9	27	--	--	--	--	--	--	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	13	5	38.5	8.8	110	21	130	35	30	34	34	24	15	N/G/Ln	NP
2,4,5-TP (Silvex)	93-72-1	ppb	5	5	100	19	85	--	--	43	43	25	25	38	40	--	--
2,4-D	94-75-7	ppb	15	11	73.3	21	840	61	98	180	180	230	230	94	130	G/Ln	Ln
2,4-DB	94-82-6	ppb	9	9	100	43	710	--	--	350	350	270	270	230	320	N/G/Ln	N/G/Ln
PBDEs																	
BDE-1	BDE-1	ppb	5	2	40	0.0057	0.023	0.0077	0.015	0.0093	--	0.0078	--	0.0076	0.0064	--	--
BDE-10	BDE-10	ppb	5	0	0	--	--	0.00062	0.0036	--	--	--	--	--	--	--	--
BDE-100	BDE-100	ppb	5	1	20	0.011	0.011	0.0027	0.0040	0.0035	--	0.0041	--	0.0024	0.0017	--	--
BDE-105	BDE-105	ppb	5	0	0	--	--	0.0051	0.022	--	--	--	--	--	--	--	--
BDE-116	BDE-116	ppb	5	0	0	--	--	0.0027	0.014	--	--	--	--	--	--	--	--
BDE-118	BDE-118	ppb	5	0	0	--	--	0.0028	0.040	--	--	--	--	--	--	--	--
BDE-119	BDE-119	ppb	5	0	0	--	--	0.0015	0.0056	--	--	--	--	--	--	--	--
BDE-12/13	BDE-12/13	ppb	5	3	60	0.0041	0.041	0.0025	0.049	0.022	--	0.019	--	0.011	0.025	--	--
BDE-126	BDE-126	ppb	5	0	0	--	--	0.0011	0.0058	--	--	--	--	--	--	--	--
BDE-138	BDE-138	ppb	5	0	0	--	--	0.0038	0.025	--	--	--	--	--	--	--	--
BDE-139	BDE-139	ppb	5	0	0	--	--	0.0047	0.036	--	--	--	--	--	--	--	--
BDE-140	BDE-140	ppb	5	0	0	--	--	0.0050	0.035	--	--	--	--	--	--	--	--
BDE-15	BDE-15	ppb	5	3	60	0.055	0.23	0.0028	0.0047	0.080	--	0.095	--	0.021	0.055	--	--
BDE-153	BDE-153	ppb	5	4	80	0.036	0.097	0.012	0.012	0.048	--	0.033	--	0.035	0.044	--	--
BDE-154	BDE-154	ppb	5	5	100	0.0080	0.053	--	--	0.026	0.026	0.018	0.018	0.021	0.029	--	--
BDE-155	BDE-155	ppb	5	1	20	0.0023	0.0023	0.0017	0.012	0.0035	--	0.0019	--	0.0029	0.0041	--	--
BDE-156/169	BDE-156/169	ppb	5	0	0	--	--	0.0072	0.054	--	--	--	--	--	--	--	--
BDE-166	BDE-166	ppb	5	0	0	--	--	0.0062	0.057	--	--	--	--	--	--	--	--
BDE-17	BDE-17	ppb	5	4	80	0.0017	0.0055	0.0044	0.0044	0.0029	--	0.0015	--	0.0026	0.0022	--	--
BDE-179	BDE-179	ppb	5	3	60	0.037	0.12	0.021	0.028	0.052	--	0.047	--	0.035	0.037	--	--
BDE-181	BDE-181	ppb	5	0	0	--	--	0.0066	0.034	--	--	--	--	--	--	--	--
BDE-183/176	BDE-183/176	ppb	5	4	80	0.067	0.24	0.010	0.010	0.11	--	0.087	--	0.067	0.11	--	--
BDE-188	BDE-188	ppb	5	0	0	--	--	0.0050	0.029	--	--	--	--	--	--	--	--
BDE-190	BDE-190	ppb	5	0	0	--	--	0.0092	0.053	--	--	--	--	--	--	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		Limits		Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
BDE-191	BDE-191	ppb	5	1	20	0.028	0.028	0.030	0.068	0.022	--	0.0081	--	0.021	0.020	--	--
BDE-196	BDE-196	ppb	5	5	100	0.33	1.8	--	--	0.83	0.83	0.61	0.61	0.67	0.57	--	--
BDE-197	BDE-197	ppb	5	4	80	0.066	0.22	0.043	0.043	0.099	--	0.073	--	0.077	0.083	--	--
BDE-2	BDE-2	ppb	5	4	80	0.0064	0.022	0.0088	0.0088	0.014	--	0.0084	--	0.012	0.019	--	--
BDE-202	BDE-202	ppb	5	1	20	0.034	0.034	0.020	0.099	0.029	--	0.016	--	0.024	0.033	--	--
BDE-203	BDE-203	ppb	5	5	100	0.051	0.24	--	--	0.12	0.12	0.079	0.079	0.099	0.076	--	--
BDE-205	BDE-205	ppb	5	0	0	--	--	0.057	0.19	--	--	--	--	--	--	--	--
BDE-207	BDE-207	ppb	5	5	100	0.24	0.70	--	--	0.45	0.45	0.18	0.18	0.42	0.46	--	--
BDE-208	BDE-208	ppb	5	3	60	0.084	0.17	0.11	0.25	0.11	--	0.042	--	0.10	0.11	--	--
BDE-209	BDE-209	ppb	5	4	80	2.9	22	1.7	1.7	6.3	--	8.6	--	3.4	2.9	--	--
BDE-25	BDE-25	ppb	5	1	20	0.0074	0.0074	0.0017	0.0072	0.0030	--	0.0026	--	0.0023	0.0018	--	--
BDE-28/33	BDE-28/33	ppb	5	4	80	0.0059	0.021	0.0064	0.0064	0.011	--	0.0076	--	0.0090	0.0086	--	--
BDE-3	BDE-3	ppb	5	5	100	0.023	0.15	--	--	0.078	0.078	0.053	0.053	0.063	0.060	--	--
BDE-30	BDE-30	ppb	5	0	0	--	--	0.0013	0.0055	--	--	--	--	--	--	--	--
BDE-32	BDE-32	ppb	5	4	80	0.0048	0.015	0.0017	0.0017	0.0080	--	0.0055	--	0.0056	0.0081	--	--
BDE-35	BDE-35	ppb	5	0	0	--	--	0.00099	0.0049	--	--	--	--	--	--	--	--
BDE-37	BDE-37	ppb	5	0	0	--	--	0.00096	0.0049	--	--	--	--	--	--	--	--
BDE-47	BDE-47	ppb	5	1	20	0.049	0.049	0.00018	0.031	0.016	--	0.019	--	0.0054	0.0086	--	--
BDE-49	BDE-49	ppb	5	5	100	0.0083	0.042	--	--	0.018	0.018	0.014	0.014	0.015	0.012	--	--
BDE-66	BDE-66	ppb	5	0	0	--	--	0.00027	0.0036	--	--	--	--	--	--	--	--
BDE-7	BDE-7	ppb	5	3	60	0.0080	0.011	0.00066	0.00069	0.0061	--	0.0053	--	0.0025	0.0080	--	--
BDE-71	BDE-71	ppb	5	0	0	--	--	0.00020	0.0028	--	--	--	--	--	--	--	--
BDE-75	BDE-75	ppb	5	0	0	--	--	0.00012	0.00050	--	--	--	--	--	--	--	--
BDE-77	BDE-77	ppb	5	0	0	--	--	0.00015	0.00050	--	--	--	--	--	--	--	--
BDE-8/11	BDE-8/11	ppb	5	5	100	0.0054	0.018	--	--	0.010	0.010	0.0054	0.0054	0.0093	0.0080	--	--
BDE-85	BDE-85	ppb	5	0	0	--	--	0.0014	0.0075	--	--	--	--	--	--	--	--
BDE-99	BDE-99	ppb	5	1	20	0.043	0.043	0.020	0.031	0.018	--	0.014	--	0.015	0.010	--	--
Arclor PCBs																	
Aroclor-1016	12674-11-2	ppb	15	0	0	--	--	51	100	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	15	0	0	--	--	51	100	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	15	0	0	--	--	51	100	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	15	15	100	150	960	--	--	390	390	250	250	340	300	G/Ln	G/Ln
Aroclor-1248	12672-29-6	ppb	15	0	0	--	--	51	100	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb	15	15	100	220	1,200	--	--	520	520	270	270	460	360	G/Ln	G/Ln
Aroclor-1260	11096-82-5	ppb	15	15	100	120	1,500	--	--	350	350	350	350	260	200	G/Ln	G/Ln
Aroclor-1262	37324-23-5	ppb	15	0	0	--	--	51	100	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	15	0	0	--	--	51	100	--	--	--	--	--	--	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb	15	15	100	570	3,000	--	--	1,300	1,300	740	740	1,100	1,000	G/Ln	G/Ln
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb	15	15	100	570	3,000	--	--	1,300	1,300	740	740	1,100	1,000	G/Ln	G/Ln
PCNs																	
PCN-1	PCN-1	ppt	4	4	100	2,500	11,000	--	--	5,100	5,100	3,900	3,900	4,200	3,500	--	--
PCN-10	PCN-10	ppt	4	4	100	22	240	--	--	120	120	97	97	84	100	--	--
PCN-12	PCN-12	ppt	4	4	100	1,100	1,800	--	--	1,300	1,300	330	330	1,300	1,200	--	--
PCN-13	PCN-13	ppt	4	3	75	140	250	10	10	140	--	100	--	71	140	--	--
PCN-2	PCN-2	ppt	4	4	100	540	2,100	--	--	1,400	1,400	660	660	1,300	1,500	--	--
PCN-27	PCN-27	ppt	4	4	100	120	480	--	--	290	290	160	160	260	280	--	--
PCN-28/36	PCN-28/36	ppt	4	4	100	280	1,300	--	--	800	800	450	450	690	840	--	--
PCN-3	PCN-3	ppt	4	4	100	130	330	--	--	220	220	92	92	210	220	--	--

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		Limits		Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCN-31	PCN-31	ppt	4	4	100	500	1,300	--	--	970	970	350	350	910	1,000	--	--
PCN-42	PCN-42	ppt	4	4	100	1,300	2,400	--	--	1,900	1,900	500	500	1,800	1,900	--	--
PCN-46	PCN-46	ppt	3	2	66.7	130	330	10	10	150	--	160	--	60	130	--	--
PCN-48	PCN-48	ppt	4	4	100	74	1,400	--	--	580	580	610	610	320	450	--	--
PCN-49	PCN-49	ppt	4	4	100	77	2,500	--	--	730	730	1,200	1,200	280	190	--	--
PCN-5	PCN-5	ppt	4	4	100	3,300	7,100	--	--	4,700	4,700	1,700	1,700	4,500	4,200	--	--
PCN-50	PCN-50	ppt	4	4	100	370	1,700	--	--	850	850	550	550	730	690	--	--
PCN-52	PCN-52	ppt	4	4	100	1,500	2,300	--	--	1,900	1,900	390	390	1,900	1,900	--	--
PCN-53	PCN-53	ppt	4	3	75	51	160	10	10	81	--	69	--	46	78	--	--
PCN-54	PCN-54	ppt	4	4	100	910	1,800	--	--	1,600	1,600	440	440	1,500	1,800	--	--
PCN-6	PCN-6	ppt	4	4	100	1,400	2,800	--	--	2,000	2,000	610	610	2,000	2,000	--	--
PCN-66/67	PCN-66/67	ppt	4	4	100	500	4,100	--	--	1,800	1,800	1,600	1,600	1,300	1,300	--	--
PCN-68	PCN-68	ppt	4	4	100	780	1,400	--	--	1,000	1,000	270	270	1,000	990	--	--
PCN-69	PCN-69	ppt	4	4	100	910	2,400	--	--	1,700	1,700	600	600	1,600	1,800	--	--
PCN-70	PCN-70	ppt	4	4	100	12	660	--	--	230	230	300	300	89	130	--	--
PCN-71/72	PCN-71/72	ppt	4	4	100	960	2,900	--	--	2,300	2,300	880	880	2,100	2,600	--	--
PCN-73	PCN-73	ppt	4	4	100	1,300	11,000	--	--	4,200	4,200	4,400	4,400	3,000	2,500	--	--
PCN-74	PCN-74	ppt	4	4	100	840	1,600	--	--	1,100	1,100	320	320	1,100	1,100	--	--
PCN-75	PCN-75	ppt	4	3	75	220	460	100	100	260	--	170	--	200	270	--	--
PCN-9	PCN-9	ppt	4	4	100	67	570	--	--	330	330	210	210	260	340	--	--
Pesticides																	
2,4'-DDD	53-19-0	ppb	18	18	100	17	220	--	--	69	69	62	62	50	50	Ln	Ln
2,4'-DDE	3424-82-6	ppb	15	15	100	15	1,600	--	--	250	250	430	430	100	79	Ln	Ln
2,4'-DDT	789-02-6	ppb	18	15	83.3	4.5	19	0.0025	5.0	8.6	9.2	5.3	4.3	3.3	7.9	N/G/Ln	N/Ln
4,4'-DDD	72-54-8	ppb	18	18	100	45	730	--	--	230	230	220	220	150	100	NP	NP
4,4'-DDE	72-55-9	ppb	18	18	100	24	2,700	--	--	390	390	650	650	170	170	Ln	Ln
4,4'-DDT	50-29-3	ppb	18	18	100	7.0	1,700	--	--	330	330	520	520	82	45	NP	NP
Aldrin	309-00-2	ppb	18	11	61.1	0.011	19	0.0025	9.3	4.1	3.7	4.7	4.8	1.3	2.3	G	G/Ln
Alpha-BHC	319-84-6	ppb	18	10	55.6	0.43	2.0	3.5	9.3	2.0	1.3	1.1	0.50	1.7	1.9	N/G/Ln	N
Alpha-Chlordane	5103-71-9	ppb	18	13	72.2	0.56	48	3.9	9.3	13	13	15	15	6.6	5.2	G/Ln	Ln
Beta-BHC	319-85-7	ppb	16	2	12.5	1.9	2.5	0.0021	9.3	1.9	--	1.2	--	0.54	2.1	--	--
Delta-BHC	319-86-8	ppb	15	1	6.7	2.9	2.9	2.5	9.3	2.5	--	0.95	--	2.4	2.2	--	--
Dieldrin	60-57-1	ppb	18	10	55.6	0.28	83	2.5	21	--	16	--	22	--	9.5	G/Ln	Ln
Endosulfan I	959-98-8	ppb	18	1	5.6	3.3	3.3	2.1	9.3	--	--	--	--	--	2.1	--	--
Endosulfan II	33213-65-9	ppb	18	3	16.7	2.0	15	2.1	19	--	--	--	--	--	4.0	--	--
Endosulfan Sulfate	1031-07-8	ppb	17	3	17.6	5.6	10	2.1	19	--	--	--	--	--	4.2	--	--
Endrin	72-20-8	ppb	18	3	16.7	1.8	12	2.1	19	--	--	--	--	--	4.1	--	--
Endrin Aldehyde	7421-93-4	ppb	18	6	33.3	6.7	31	2.1	19	--	10	--	6.7	--	4.7	N/G/Ln	NP
Endrin Ketone	53494-70-5	ppb	18	5	27.8	3.4	5.9	2.1	19	--	4.0	--	0.88	--	4.0	N/G/Ln	NP
Gamma-BHC (Lindane)	58-89-9	ppb	18	5	27.8	0.28	20	2.5	9.3	--	2.5	--	5.8	--	2.2	G/Ln	NP
Gamma-Chlordane	5566-34-7	ppb	12	6	50	11	49	4.1	51	--	25	--	15	--	24	N	N/Ln
Heptachlor	76-44-8	ppb	18	8	44.4	1.9	8.2	0.0021	9.3	--	3.3	--	1.9	--	2.7	N/G/Ln	N/Ln
Heptachlor Epoxide	1024-57-3	ppb	17	10	58.8	6.3	30	2.1	93	--	14	--	7.7	--	12	N/G/Ln	N/Ln
Hexachlorobenzene	118-74-1	ppb	3	3	100	7.6	78	--	--	--	--	--	--	--	34	--	--
Methoxychlor	72-43-5	ppb	18	7	38.9	0.53	76	25	93	--	14	--	20	--	21	N/G/Ln	NP
Total Alpha + Gamma Chlordane	No CAS	ppb	15	10	66.7	4.6	97	4.1	43	--	29	--	34	--	9.5	G	N/G
Total DDT (2,4 & 4,4)	No CAS	ppb	15	15	100	120	2,700	--	--	--	--	--	--	--	380	G/Ln	G/Ln
Total DDT (2,4)	No CAS	ppb	15	15	100	25	300	--	--	--	--	--	--	--	120	N/G/Ln	N/G/Ln

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		Limits		Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Total DDT (4,4)	No CAS	ppb	18	18	100	86	3,700	--	--	--	--	--	--	--	370	Ln	Ln
Toxaphene	8001-35-2	ppb	15	0	0	--	--	250	930	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	15	0	0	--	--	680	2,200	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	15	14	93.3	41	14,000	1,100	1,100	1,200	1,200	3,600	3,400	280	240	NP	NP
2-Methylphenol	95-48-7	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	15	0	0	--	--	680	2,200	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	15	0	0	--	--	680	2,200	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	15	0	0	--	--	680	2,200	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	15	10	66.7	69	660	350	1,100	340	330	170	170	300	280	N/G/Ln	N/G/Ln
4-Chlorophenyl phenyl ether	7005-72-3	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	15	2	13.3	68	110	350	1,100	320	--	160	--	270	260	--	--
4-Nitroaniline	100-01-6	ppb	15	0	0	--	--	680	2,200	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	15	0	0	--	--	680	2,200	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	18	18	100	12	6,600	--	--	1,300	1,300	1,800	1,800	410	430	G/Ln	G/Ln
Acenaphthylene	208-96-8	ppb	18	18	100	35	490	--	--	180	180	140	140	140	120	G/Ln	G/Ln
Acetophenone	98-86-2	ppb	15	1	6.7	92	92	350	1,100	340	--	140	--	310	290	--	--
Anthracene	120-12-7	ppb	18	18	100	99	4,000	--	--	1,800	1,800	1,300	1,300	1,200	1,500	N/G/Ln	N/G/Ln
Atrazine	1912-24-9	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb	15	2	13.3	76	82	350	1,100	330	--	160	--	280	290	--	--
Benzo(a)anthracene	56-55-3	ppb	18	18	100	950	5,900	--	--	2,700	2,700	1,500	1,500	2,300	2,300	N/G/Ln	N/G/Ln
Benzo(a)pyrene	50-32-8	ppb	18	17	94.4	1,200	6,200	1,800	1,800	2,400	2,500	1,500	1,400	2,100	1,800	NP	NP
Benzo(b)fluoranthene	205-99-2	ppb	15	14	93.3	1,500	7,200	3,500	3,500	3,400	3,400	1,700	1,600	3,000	3,400	N/G/Ln	N/G/Ln
Benzo(g,h,i)perylene	191-24-2	ppb	18	18	100	350	1,500	--	--	840	840	370	370	760	900	N/G/Ln	N/G/Ln
Benzo(k)fluoranthene	207-08-9	ppb	15	14	93.3	1,300	7,800	1,700	1,700	3,000	3,100	1,900	1,800	2,500	3,000	G/Ln	G/Ln
Biphenyl	92-52-4	ppb	18	6	33.3	73	140	470	1,100	280	110	170	24	240	260	N/G/Ln	N/G/Ln
bis(2-Chloroethoxy)methane	111-91-1	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	15	15	100	820	89,000	--	--	29,000	29,000	25,000	25,000	18,000	21,000	G/Ln	G/Ln
Butyl benzyl phthalate	85-68-7	ppb	15	6	40	150	460	350	1,100	290	240	130	110	260	240	N/G/Ln	G
Caprolactam	105-60-2	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb	15	11	73.3	63	430	540	1,100	300	250	150	130	250	310	N	N/Ln
Chrysene	218-01-9	ppb	18	18	100	1,300	6,000	--	--	3,300	3,300	1,600	1,600	2,900	3,100	N/G	N/G

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		Limits		Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Dibenzo(a,h)anthracene	53-70-3	ppb	18	16	88.9	83	770	1,000	1,100	330	300	190	180	280	310	N/G/Ln	N/G/Ln
Dibenzofuran	132-64-9	ppb	15	11	73.3	51	1,400	470	1,100	370	330	350	350	260	240	G/Ln	G/Ln
Diethyl phthalate	84-66-2	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	15	1	6.7	74	74	350	1,100	340	--	150	--	300	290	--	--
Di-n-Octylphthalate	117-84-0	ppb	15	9	60	100	1,300	470	1,100	470	460	310	320	390	340	N/G/Ln	G/Ln
Fluoranthene	206-44-0	ppb	18	18	100	2,700	20,000	--	--	7,800	7,800	5,600	5,600	6,300	4,900	Ln	Ln
Fluorene	86-73-7	ppb	18	18	100	15	4,000	--	--	770	770	960	960	370	470	G/Ln	G/Ln
Hexachlorobenzene	118-74-1	ppb	15	3	20	2.3	5.0	13	120	22	--	16	--	16	22	--	--
Hexachlorobutadiene	87-68-3	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	9	0	0	--	--	350	4,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	18	17	94.4	320	1,600	410	410	800	810	410	390	690	850	N/G/Ln	N/G
Isophorone	78-59-1	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	18	18	100	43	14,000	--	--	1,200	1,200	3,200	3,200	380	380	Ln	Ln
Nitrobenzene	98-95-3	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	15	1	6.7	1,500	1,500	350	1,100	410	--	320	--	350	290	--	--
Pentachlorophenol	87-86-5	ppb	15	1	6.7	43	43	20	230	45	--	31	--	36	43	--	--
Phenanthrene	85-01-8	ppb	18	18	100	360	17,000	--	--	3,900	3,900	4,200	4,200	2,200	2,800	G/Ln	G/Ln
Phenol	108-95-2	ppb	15	0	0	--	--	350	1,100	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb	18	18	100	1,800	12,000	--	--	6,400	6,400	3,400	3,400	5,500	5,500	N/G/Ln	N/G/Ln
Total HMW PAHs-SVOC	No CAS	ppb	15	15	100	12,000	57,000	--	--	32,000	32,000	17,000	17,000	27,000	40,000	NP	NP
Total LMW PAHs-SVOC	No CAS	ppb	15	15	100	700	60,000	--	--	10,000	10,000	15,000	15,000	5,100	5,900	G/Ln	G/Ln
TOTAL PAHs - SVOC	No CAS	ppb	15	15	100	13,000	100,000	--	--	42,000	42,000	27,000	27,000	34,000	49,000	G	G
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	15	15	100	1,900	11,000	--	--	5,300	5,300	2,900	2,900	4,700	4,700	G/Ln	G/Ln
Volatiles																	
1,2,3-Trichlorobenzene	87-61-6	ppb	15	0	0	--	--	13	3,500	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	15	0	0	--	--	13	3,500	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb	15	1	6.7	11	11	13	3,500	130	--	450	--	13	10	--	--
1,3-Dichlorobenzene	541-73-1	ppb	15	1	6.7	12	12	13	3,500	130	--	450	--	13	9.5	--	--
1,4-Dichlorobenzene	106-46-7	ppb	15	5	33.3	8.1	20	13	3,500	130	11	450	4.0	14	10	N/G/Ln	G
Chlorobenzene	108-90-7	ppb	15	5	33.3	9.0	20	13	3,500	130	11	450	3.1	14	9.5	N/G/Ln	G
Subsurface (>3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	24	6	25	19	130	12	180	35	34	36	31	21	14	N/G/Ln	NP
2,4,5-TP (Silvex)	93-72-1	ppb	14	5	35.7	24	270	5.9	14	47	60	81	72	12	4.7	N/G/Ln	NP
2,4-D	94-75-7	ppb	24	12	50	41	540	47	900	170	130	150	120	110	140	G/Ln	Ln
2,4-DB	94-82-6	ppb	18	11	61.1	360	2,100	24	51	760	890	750	600	200	630	N/G/Ln	N
PBDEs																	
BDE-1	BDE-1	ppb	9	3	33.3	0.0084	2.0	0.0012	0.040	0.27	--	0.67	--	0.012	0.011	--	--
BDE-10	BDE-10	ppb	9	0	0	--	--	0.00026	0.0039	--	--	--	--	--	--	--	--
BDE-100	BDE-100	ppb	9	2	22.2	0.013	0.025	0.00063	0.0079	0.0052	--	0.0085	--	0.0017	0.00095	--	--
BDE-105	BDE-105	ppb	9	0	0	--	--	0.0014	0.025	--	--	--	--	--	--	--	--
BDE-116	BDE-116	ppb	9	0	0	--	--	0.00098	0.014	--	--	--	--	--	--	--	--
BDE-118	BDE-118	ppb	9	0	0	--	--	0.00083	0.014	--	--	--	--	--	--	--	--
BDE-119	BDE-119	ppb	9	0	0	--	--	0.00045	0.0064	--	--	--	--	--	--	--	--

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		Limits		Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
BDE-12/13	BDE-12/13	ppb	9	0	0	--	--	0.00018	0.0027	--	--	--	--	--	--	--	--
BDE-126	BDE-126	ppb	9	0	0	--	--	0.00043	0.0060	--	--	--	--	--	--	--	--
BDE-138	BDE-138	ppb	9	0	0	--	--	0.0028	0.041	--	--	--	--	--	--	--	--
BDE-139	BDE-139	ppb	9	0	0	--	--	0.0034	0.050	--	--	--	--	--	--	--	--
BDE-140	BDE-140	ppb	9	0	0	--	--	0.0036	0.053	--	--	--	--	--	--	--	--
BDE-15	BDE-15	ppb	9	6	66.7	0.014	120	0.00087	0.0071	18	18	40	38	0.085	0.057	G/Ln	N/G/Ln
BDE-153	BDE-153	ppb	9	3	33.3	0.011	0.18	0.0020	0.035	0.033	--	0.060	--	0.0080	0.0035	--	--
BDE-154	BDE-154	ppb	9	3	33.3	0.0098	0.12	0.0013	0.022	0.023	--	0.040	--	0.0053	0.0020	--	--
BDE-155	BDE-155	ppb	9	0	0	--	--	0.0012	0.020	--	--	--	--	--	--	--	--
BDE-156/169	BDE-156/169	ppb	9	0	0	--	--	0.0052	0.077	--	--	--	--	--	--	--	--
BDE-166	BDE-166	ppb	9	0	0	--	--	0.0045	0.066	--	--	--	--	--	--	--	--
BDE-17	BDE-17	ppb	9	2	22.2	0.055	0.096	0.00020	0.0057	0.018	--	0.034	--	0.0015	0.0012	--	--
BDE-179	BDE-179	ppb	9	3	33.3	0.042	0.36	0.0049	0.053	0.080	--	0.13	--	0.019	0.013	--	--
BDE-181	BDE-181	ppb	9	0	0	--	--	0.0034	0.066	--	--	--	--	--	--	--	--
BDE-183/176	BDE-183/176	ppb	9	4	44.4	0.0043	0.85	0.0025	0.024	0.15	--	0.30	--	0.016	0.0057	--	--
BDE-188	BDE-188	ppb	9	0	0	--	--	0.0029	0.055	--	--	--	--	--	--	--	--
BDE-190	BDE-190	ppb	9	0	0	--	--	0.0053	0.10	--	--	--	--	--	--	--	--
BDE-191	BDE-191	ppb	9	2	22.2	0.19	0.27	0.0067	0.073	0.061	--	0.097	--	0.019	0.014	--	--
BDE-196	BDE-196	ppb	9	3	33.3	0.34	4.3	0.013	0.074	0.75	--	1.5	--	0.073	0.036	--	--
BDE-197	BDE-197	ppb	9	3	33.3	0.047	0.51	0.0020	0.011	0.093	--	0.18	--	0.010	0.0055	--	--
BDE-2	BDE-2	ppb	9	2	22.2	0.0098	0.087	0.00086	0.028	0.015	--	0.028	--	0.0044	0.0077	--	--
BDE-202	BDE-202	ppb	9	1	11.1	0.15	0.15	0.012	0.22	0.042	--	0.050	--	0.024	0.023	--	--
BDE-203	BDE-203	ppb	9	3	33.3	0.058	0.63	0.0043	0.024	0.12	--	0.22	--	0.018	0.011	--	--
BDE-205	BDE-205	ppb	9	0	0	--	--	0.034	0.58	--	--	--	--	--	--	--	--
BDE-207	BDE-207	ppb	9	3	33.3	0.23	2.1	0.027	0.31	0.46	--	0.79	--	0.090	0.051	--	--
BDE-208	BDE-208	ppb	9	1	11.1	0.52	0.52	0.030	0.37	0.12	--	0.17	--	0.055	0.045	--	--
BDE-209	BDE-209	ppb	9	3	33.3	4.7	15	0.065	0.72	4.0	--	6.5	--	0.44	0.12	--	--
BDE-25	BDE-25	ppb	9	0	0	--	--	0.00033	0.029	--	--	--	--	--	--	--	--
BDE-28/33	BDE-28/33	ppb	9	5	55.6	0.0053	5.5	0.00074	0.0063	0.90	0.90	1.9	1.8	0.012	0.0053	N/G/Ln	N/G/Ln
BDE-3	BDE-3	ppb	9	8	88.9	0.0013	36	0.025	0.025	4.9	4.9	12	11	0.058	0.032	G/Ln	G/Ln
BDE-30	BDE-30	ppb	9	1	11.1	0.023	0.023	0.00025	0.017	0.0047	--	0.0075	--	0.0014	0.0018	--	--
BDE-32	BDE-32	ppb	9	1	11.1	0.033	0.033	0.00025	0.022	0.0059	--	0.011	--	0.0014	0.0016	--	--
BDE-35	BDE-35	ppb	9	0	0	--	--	0.00023	0.020	--	--	--	--	--	--	--	--
BDE-37	BDE-37	ppb	9	0	0	--	--	0.00022	0.020	--	--	--	--	--	--	--	--
BDE-47	BDE-47	ppb	9	3	33.3	0.031	0.10	0.0044	0.0075	0.028	--	0.042	--	0.0087	0.0037	--	--
BDE-49	BDE-49	ppb	9	3	33.3	0.0065	0.083	0.00012	0.0022	0.016	--	0.030	--	0.0014	0.00095	--	--
BDE-66	BDE-66	ppb	9	0	0	--	--	0.00018	0.0029	--	--	--	--	--	--	--	--
BDE-7	BDE-7	ppb	9	4	44.4	0.0078	0.46	0.00030	0.0015	0.066	--	0.15	--	0.0034	0.00074	--	--
BDE-71	BDE-71	ppb	9	0	0	--	--	0.00013	0.0022	--	--	--	--	--	--	--	--
BDE-75	BDE-75	ppb	9	0	0	--	--	0.000082	0.0017	--	--	--	--	--	--	--	--
BDE-77	BDE-77	ppb	9	0	0	--	--	0.00010	0.0017	--	--	--	--	--	--	--	--
BDE-8/11	BDE-8/11	ppb	9	6	66.7	0.0017	18	0.00024	0.0012	2.3	2.3	5.8	5.5	0.013	0.0062	G/Ln	N/G/Ln
BDE-85	BDE-85	ppb	9	1	11.1	0.0066	0.0066	0.00056	0.0070	0.0021	--	0.0020	--	0.0012	0.0020	--	--
BDE-99	BDE-99	ppb	9	2	22.2	0.11	0.15	0.0047	0.030	0.033	--	0.057	--	0.0094	0.0044	--	--

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		Limits		Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Arclor PCBs																	
Aroclor-1016	12674-11-2	ppb	24	0	0	--	--	39	380	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	24	0	0	--	--	39	380	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	24	0	0	--	--	39	380	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	24	11	45.8	12	2,400	39	340	360	340	620	620	120	160	G/Ln	NP
Aroclor-1248	12672-29-6	ppb	24	0	0	--	--	39	380	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb	23	11	47.8	8.7	2,000	39	340	330	310	500	510	120	150	G/Ln	NP
Aroclor-1260	11096-82-5	ppb	24	15	62.5	20	610	39	320	160	160	150	160	95	130	N/G/Ln	NP
Aroclor-1262	37324-23-5	ppb	24	0	0	--	--	39	380	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	24	2	8.3	49	51	39	380	56	--	50	--	43	40	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb	24	17	70.8	16	4,800	39	320	750	750	1,200	1,200	190	150	G/Ln	Ln
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb	24	17	70.8	16	4,800	39	320	760	750	1,200	1,200	200	150	G/Ln	Ln
PCNs																	
PCN-1	PCN-1	ppt	8	7	87.5	12	350,000	10	10	51,000	51,000	120,000	110,000	2,300	4,400	G/Ln	G/Ln
PCN-10	PCN-10	ppt	8	5	62.5	11	410	10	600	160	110	160	140	66	99	N/G/Ln	N/Ln
PCN-12	PCN-12	ppt	8	6	75	390	12,000	10.0	10	3,200	3,300	4,200	3,800	540	2,000	N/G/Ln	N/Ln
PCN-13	PCN-13	ppt	8	5	62.5	34	1,700	10.0	600	340	320	580	550	81	110	G/Ln	N/G/Ln
PCN-2	PCN-2	ppt	8	6	75	650	26,000	10.0	10	4,500	4,600	8,900	8,300	510	1,100	G/Ln	N/Ln
PCN-27	PCN-27	ppt	8	6	75	61	8,300	10.0	10	1,500	1,500	2,800	2,600	210	440	G/Ln	N/G/Ln
PCN-28/36	PCN-28/36	ppt	8	6	75	300	17,000	20	20	2,900	3,000	5,700	5,300	450	820	G/Ln	N/Ln
PCN-3	PCN-3	ppt	8	6	75	150	6,000	10.0	10	1,300	1,300	2,100	1,900	220	400	G/Ln	N/Ln
PCN-31	PCN-31	ppt	8	6	75	430	97,000	10.0	10	15,000	15,000	33,000	31,000	850	2,100	G/Ln	N/G/Ln
PCN-42	PCN-42	ppt	8	6	75	650	14,000	10.0	10	3,300	3,400	4,600	4,200	570	2,100	G/Ln	N/Ln
PCN-46	PCN-46	ppt	8	6	75	31	19,000	10.0	10	2,600	2,700	6,400	6,000	140	140	G/Ln	N/G/Ln
PCN-48	PCN-48	ppt	7	5	71.4	34	83,000	10.0	10	14,000	--	31,000	--	150	50	--	--
PCN-49	PCN-49	ppt	8	6	75	49	2,100	10.0	10	470	480	710	660	110	200	G/Ln	N/Ln
PCN-5	PCN-5	ppt	8	8	100	12	68,000	--	--	15,000	15,000	23,000	23,000	2,100	6,200	G/Ln	G/Ln
PCN-50	PCN-50	ppt	8	6	75	150	3,300	10.0	10	950	990	1,100	990	240	780	N/G/Ln	N/Ln
PCN-52	PCN-52	ppt	8	6	75	650	7,900	10.0	10	2,600	2,800	2,600	2,300	570	2,500	N/G/Ln	N/Ln
PCN-53	PCN-53	ppt	8	5	62.5	20	2,300	10.0	600	380	360	780	740	74	110	G/Ln	N/G/Ln
PCN-54	PCN-54	ppt	8	6	75	35	15,000	10.0	10	3,500	3,500	5,100	4,800	380	1,600	N/G/Ln	N/G/Ln
PCN-6	PCN-6	ppt	8	6	75	1,300	15,000	10.0	10	4,300	4,600	5,300	4,700	740	2,400	N/G/Ln	N/Ln
PCN-66/67	PCN-66/67	ppt	8	6	75	720	11,000	20	20	3,200	3,400	4,400	4,000	620	1,300	G/Ln	N/Ln
PCN-68	PCN-68	ppt	8	6	75	290	3,100	10.0	10	1,200	1,300	1,100	970	310	1,200	N/G/Ln	N/Ln
PCN-69	PCN-69	ppt	8	6	75	380	5,800	10.0	10	1,900	2,000	2,000	1,700	430	1,700	N/G/Ln	N/Ln
PCN-70	PCN-70	ppt	7	3	42.9	22	96	10.0	600	72	--	110	--	30	25	--	--
PCN-71/72	PCN-71/72	ppt	8	6	75	530	11,000	20	20	3,200	3,400	3,700	3,400	720	2,400	N/G/Ln	N/Ln
PCN-73	PCN-73	ppt	8	6	75	790	33,000	10.0	10	7,400	7,600	12,000	11,000	810	2,400	G/Ln	N/Ln
PCN-74	PCN-74	ppt	8	6	75	340	4,300	10.0	10	1,700	1,800	1,700	1,500	400	1,400	N/G/Ln	N/Ln
PCN-75	PCN-75	ppt	8	5	62.5	260	5,100	10.0	600	1,200	1,300	1,800	1,700	230	320	N/G/Ln	N/Ln
PCN-9	PCN-9	ppt	8	5	62.5	62	8,000	10.0	600	1,800	1,800	3,000	2,800	190	190	N/G/Ln	N/G/Ln
Pesticides																	
2,4'-DDD	53-19-0	ppb	26	16	61.5	2.8	1,100	3.9	34	110	110	240	240	25	20	G/Ln	Ln
2,4'-DDE	3424-82-6	ppb	25	17	68	6.7	840	3.9	34	170	170	240	230	38	34	G/Ln	N
2,4'-DDT	789-02-6	ppb	26	12	46.2	3.3	36	0.0022	37	11	11	11	11	3.7	4.9	N/G/Ln	NP
4,4'-DDD	72-54-8	ppb	26	16	61.5	6.8	4,300	3.9	34	420	420	1,100	1,100	49	62	Ln	Ln
4,4'-DDE	72-55-9	ppb	26	19	73.1	5.8	1,700	3.9	34	370	370	530	520	60	70	G/Ln	N
4,4'-DDT	50-29-3	ppb	26	17	65.4	8.9	1,500	3.9	38	120	130	300	290	27	23	G/Ln	Ln

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2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		Limits		Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Aldrin	309-00-2	ppb	25	13	52	2.2	150	0.0022	16	10	11	29	29	2.2	4.4	NP	NP
Alpha-BHC	319-84-6	ppb	26	9	34.6	0.028	28	2.0	33	5.9	3.4	7.2	7.1	2.5	2.2	G/Ln	NP
Alpha-Chlordane	5103-71-9	ppb	26	8	30.8	3.0	35	0.0022	43	8.0	7.4	8.6	8.0	2.7	6.1	N/G/Ln	NP
Beta-BHC	319-85-7	ppb	25	14	56	1.9	180	0.0022	4.1	26	26	42	41	3.9	6.5	G/Ln	NP
Delta-BHC	319-86-8	ppb	23	7	30.4	4.1	48	2.0	43	8.9	9.2	12	11	4.2	3.8	N/G/Ln	NP
Dieldrin	60-57-1	ppb	26	10	38.5	5.1	120	2.2	65	17	16	27	26	8.1	7.6	G/Ln	NP
Endosulfan I	959-98-8	ppb	24	1	4.2	2.3	2.3	2.0	150	9.6	--	17	--	3.8	2.0	--	--
Endosulfan II	33213-65-9	ppb	26	3	11.5	6.1	14	2.2	45	7.7	--	6.6	--	5.3	4.1	--	--
Endosulfan Sulfate	1031-07-8	ppb	26	5	19.2	1.6	15	2.2	65	9.1	4.3	8.1	5.0	5.8	5.9	N	NP
Endrin	72-20-8	ppb	26	4	15.4	5.9	56	2.2	65	9.5	--	12	--	5.6	4.1	--	--
Endrin Aldehyde	7421-93-4	ppb	26	7	26.9	1.2	39	2.2	38	9.1	6.2	9.9	10	5.4	4.2	N/G/Ln	NP
Endrin Ketone	53494-70-5	ppb	26	8	30.8	2.8	48	2.2	65	11	9.1	12	12	6.2	4.2	N/G/Ln	NP
Gamma-BHC (Lindane)	58-89-9	ppb	25	5	20	0.012	22	2.0	330	11	2.2	33	5.9	2.2	2.0	G/Ln	NP
Gamma-Chlordane	5566-34-7	ppb	23	3	13	28	130	2.0	330	29	--	42	--	11	9.3	--	--
Heptachlor	76-44-8	ppb	26	8	30.8	3.0	55	0.0022	16	7.7	7.8	12	11	2.2	3.4	G/Ln	NP
Heptachlor Epoxide	1024-57-3	ppb	25	8	32	9.0	240	2.0	77	22	24	49	47	6.6	8.0	G/Ln	NP
Hexachlorobenzene	118-74-1	ppb	2	2	100	0.78	14	--	--	7.4	7.4	9.3	9.3	3.3	7.4	--	--
Methoxychlor	72-43-5	ppb	26	5	19.2	14	37	2.2	330	38	19	38	8.1	22	22	N/G/Ln	NP
Total Alpha + Gamma Chlordane	No CAS	ppb	24	8	33.3	3.0	140	2.0	150	23	17	34	32	8.7	8.3	G/Ln	NP
Total DDT (2,4 & 4,4)	No CAS	ppb	24	19	79.2	6.7	6,700	3.9	5.2	1,100	1,100	1,900	1,800	110	160	G/Ln	G/Ln
Total DDT (2,4)	No CAS	ppb	24	19	79.2	2.8	1,400	3.9	5.2	230	230	380	370	42	52	G/Ln	Ln
Total DDT (4,4)	No CAS	ppb	26	20	76.9	10	5,300	3.9	32	920	920	1,500	1,500	110	170	G/Ln	Ln
Toxaphene	8001-35-2	ppb	24	0	0	--	--	200	3,300	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb	24	6	25	49	7,100	200	6,000	1,100	470	1,600	1,400	440	340	G/Ln	NP
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	24	0	0	--	--	390	12,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	24	21	87.5	13	310,000	4.1	200	51,000	51,000	97,000	95,000	1,600	2,100	G/Ln	G/Ln
2-Methylphenol	95-48-7	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	24	0	0	--	--	390	12,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	24	0	0	--	--	390	12,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	24	0	0	--	--	390	12,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	24	5	20.8	320	1,800	4.2	6,000	950	480	920	360	460	640	N/G/Ln	NP
4-Chlorophenyl phenyl ether	7005-72-3	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	24	1	4.2	86	86	200	6,000	860	--	930	--	460	450	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		Limits		Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
4-Nitroaniline	100-01-6	ppb	24	0	0	--	--	390	12,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	24	0	0	--	--	390	12,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	26	26	100	0.83	39,000	--	--	4,600	4,600	8,600	8,600	680	1,800	G	G
Acenaphthylene	208-96-8	ppb	26	15	57.7	4.4	1,000	3.9	1,200	260	200	260	250	89	180	G/Ln	Ln
Acetophenone	98-86-2	ppb	24	2	8.3	28	59	210	6,000	870	--	920	--	440	450	--	--
Anthracene	120-12-7	ppb	26	24	92.3	1.5	41,000	3.9	1,000	6,200	6,200	10,000	9,800	910	1,900	G	NP
Atrazine	1912-24-9	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
Benzo(a)anthracene	56-55-3	ppb	26	25	96.2	1.1	26,000	3.9	3.9	4,300	4,300	5,700	5,600	900	2,400	G	NP
Benzo(a)pyrene	50-32-8	ppb	26	22	84.6	59	20,000	7.7	8.7	3,100	3,100	4,200	4,100	770	2,000	G/Ln	Ln
Benzo(b)fluoranthene	205-99-2	ppb	24	23	95.8	1.6	25,000	3.9	3.9	3,300	3,300	5,200	5,100	640	1,800	NP	NP
Benzo(g,h,i)perylene	191-24-2	ppb	26	24	92.3	1.1	7,600	3.9	4.0	1,700	1,700	2,200	2,200	360	800	G	NP
Benzo(k)fluoranthene	207-08-9	ppb	24	23	95.8	1.4	17,000	3.9	3.9	2,500	2,500	3,600	3,500	530	1,700	G	NP
Biphenyl	92-52-4	ppb	26	18	69.2	48	19,000	200	4,700	3,600	3,500	6,100	6,000	710	690	G/Ln	NP
bis(2-Chloroethoxy)methane	111-91-1	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	24	14	58.3	31	77,000	200	6,000	16,000	16,000	25,000	25,000	2,400	2,400	G	NP
Butyl benzyl phthalate	85-68-7	ppb	24	3	12.5	21	250	210	6,000	870	--	920	--	430	450	--	--
Caprolactam	105-60-2	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb	24	9	37.5	130	25,000	200	6,000	2,200	1,700	5,000	5,000	670	830	G/Ln	NP
Chrysene	218-01-9	ppb	26	25	96.2	1.3	27,000	3.9	3.9	6,000	6,000	6,900	6,700	1,200	3,400	G	NP
Dibenzo(a,h)anthracene	53-70-3	ppb	26	20	76.9	10	2,300	3.9	4,700	640	550	750	660	180	340	G/Ln	Ln
Dibenzofuran	132-64-9	ppb	24	16	66.7	63	41,000	200	4,700	5,800	5,700	9,400	9,300	1,200	1,100	G/Ln	NP
Diethyl phthalate	84-66-2	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	24	1	4.2	290	290	200	6,000	880	--	920	--	490	450	--	--
Di-n-Octylphthalate	117-84-0	ppb	24	8	33.3	220	2,900	200	6,000	1,000	640	960	700	570	790	N/G/Ln	N/Ln
Fluoranthene	206-44-0	ppb	26	26	100	1.3	93,000	--	--	12,000	12,000	19,000	19,000	2,300	6,500	NP	NP
Fluorene	86-73-7	ppb	26	23	88.5	1.3	24,000	3.9	4.2	5,600	5,600	7,300	7,100	710	1,700	G	G
Hexachlorobenzene	118-74-1	ppb	24	9	37.5	24	7,800	3.9	1,200	520	440	1,600	1,500	63	85	Ln	NP
Hexachlorobutadiene	87-68-3	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	12	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	26	24	92.3	0.99	6,300	3.9	4.0	1,300	1,300	1,600	1,600	320	780	G	NP
Isophorone	78-59-1	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	26	23	88.5	25	100,000	3.9	220	18,000	18,000	28,000	27,000	1,700	2,600	G/Ln	G/Ln
Nitrobenzene	98-95-3	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	24	9	37.5	190	19,000	200	5,100	2,900	2,600	5,000	5,000	790	700	N/G/Ln	NP
Pentachlorophenol	87-86-5	ppb	24	1	4.2	35	35	7.9	2,500	280	--	400	--	67	44	--	--
Phenanthrene	85-01-8	ppb	26	25	96.2	1.2	160,000	1,000	1,000	24,000	24,000	37,000	36,000	1,800	3,700	G	G
Phenol	108-95-2	ppb	24	0	0	--	--	200	6,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb	25	22	88	180	54,000	4.2	6.5	12,000	12,000	13,000	13,000	3,100	6,500	G/Ln	N/Ln
Total HMW PAHs-SVOC	No CAS	ppb	24	24	100	1.3	270,000	--	--	48,000	48,000	60,000	60,000	8,200	32,000	NP	NP
Total LMW PAHs-SVOC	No CAS	ppb	24	24	100	2.0	510,000	--	--	110,000	110,000	160,000	160,000	8,900	24,000	G	G
TOTAL PAHs - SVOC	No CAS	ppb	24	24	100	3.3	580,000	--	--	160,000	160,000	200,000	200,000	21,000	61,000	G	G

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		Limits		Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	24	20	83.3	200	150,000	24	25	30,000	30,000	49,000	48,000	3,400	7,500	G/Ln	Ln
Volatiles																	
1,2,3-Trichlorobenzene	87-61-6	ppb	24	0	0	--	--	4.9	2,300	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	24	6	25	8.8	20,000	4.9	2,300	1,200	880	4,000	4,000	81	140	Ln	NP
1,2-Dichlorobenzene	95-50-1	ppb	24	8	33.3	9.2	2,600	4.9	2,300	480	200	630	520	76	180	G/Ln	NP
1,3-Dichlorobenzene	541-73-1	ppb	24	9	37.5	5.3	7,200	4.9	2,300	620	350	1,500	1,400	64	90	Ln	Ln
1,4-Dichlorobenzene	106-46-7	ppb	24	11	45.8	7.8	13,000	4.9	2,300	900	680	2,600	2,600	83	190	Ln	Ln
Chlorobenzene	108-90-7	ppb	24	10	41.7	5.7	34,000	4.9	2,300	1,800	1,500	6,900	6,800	73	68	Ln	Ln

Table D-4
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Arthur Kill

Abbreviations:

CAS - Chemical Abstracts Service
1/2 DL - half the detection limit (e.g., sample reporting limit)
ft bss - feet below sediment surface
FOD - frequency of detection (detects / total)
GM - geometric mean
ppb - parts per billion
ppm - parts per million
ppt - parts per trillion
GOF - goodness-of-fit
KM - Kaplan-Meier
Max - maximum
Min - minimum
-- not applicable due to frequency of detection
NA - not applicable because all concentrations are equal to "0"
ND - nondetect
ROS - regression on ordered statistics
SD - standard deviation
PCN = polychlorinated naphthalene
TPH = total petroleum hydrocarbon
PBDE = polybrominated diphenyl ether

Notes:

[1] Total concentrations are based on the sum of detected observations; therefore statistics for totals are based on detected observations.

[2] KM and GOF statistics generated using USEPA ProUCL (v. 4.1.01) software (USEPA, 2011). Remaining statistics generated in MS Access 2010.

[3] When FOD = 100%, the KM statistics are equal to the arithmetic mean and standard deviation of the full dataset.

[4] KM statistics and GOF results only reported for constituents with at least 8 total observations and 5 distinct detected observations (USEPA, 2010).

[5] The GM is a parameter that specifically defines a lognormal distribution and is equal to the anti-log of the mean of the log-transformed values. GM is generally not descriptive of the central tendency for data that are not

[6] Distribution assessed by GOF tests at 95% confidence level (α = 0.05) using ProUCL 4.1.01 Left-censored data are evaluated with both detects only and ROS methods (USEPA, 2010).
Normal (N): dataset follows a normal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Gamma (G): dataset follows a gamma distribution, according to the Kolmogorov-Smirnov test.
Lognormal (Ln): dataset follows a lognormal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Nonparametric (NP): dataset does not follow any of the three distributions noted above.

[7] Level = data usability levels. For information about these levels and their applicability, please refer to Section 3 of the report.

[8] This table presents data for each of the 18 select chemicals (where available) identified for focused evaluation in Section 4.3.

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	45	45	100	5.02	1,280	--	--	184	184	278	278	81.0	75.8	Ln	Ln
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	45	45	100	8.55	8,270	--	--	923	923	1,570	1,570	285	296	G/Ln	G/Ln
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	45	45	100	0.437	159	--	--	25.3	25.3	35.7	35.7	10.0	9.39	Ln	Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	45	42	93	0.228	18.8	3.25	5.32	2.81	2.80	3.21	3.20	1.73	1.51	NP	Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	45	44	98	2.93	1,920	5.32	5.32	244	244	386	382	78.2	85.5	G/Ln	G/Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	45	44	98	0.807	92.2	5.32	5.32	12.3	12.3	17.2	17.0	6.00	4.57	Ln	Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	45	42	93	0.787	474	2.40	5.32	47.7	47.7	82.3	81.4	16.5	16.1	NP	Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	45	43	96	0.355	37.0	2.63	5.32	6.00	6.00	7.28	7.20	3.42	3.01	Ln	Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	45	39	87	0.158	49.0	0.959	5.74	5.27	5.20	8.44	8.40	2.31	2.58	Ln	Ln
1,2,3,7,8-PeCDD	40321-76-4	ppt	45	43	96	0.297	39.9	1.50	5.32	3.68	3.70	6.09	6.00	1.98	1.71	Ln	Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt	45	43	96	0.427	154	5.32	32.0	14.8	14.6	27.0	26.7	5.97	4.61	Ln	Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	45	43	96	0.116	168	5.32	110	15.6	14.7	27.1	26.2	6.22	5.68	Ln	G/Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt	45	44	98	0.858	280	5.32	5.32	30.4	30.4	47.3	46.7	12.7	12.3	Ln	G/Ln
2,3,7,8-TCDD	1746-01-6	ppt	45	44	98	1.27	2,990	2.13	2.13	110	110	443	438	19.7	15.8	Ln	Ln
2,3,7,8-TCDF	51207-31-9	ppt	45	44	98	0.632	90.6	56.0	56.0	12.4	12.0	15.5	15.2	6.67	5.52	Ln	Ln
OCDD	3268-87-9	ppt	45	45	100	68.2	15,400	--	--	1,950	1,950	2,690	2,690	961	1,160	G/Ln	G/Ln
OCDF	39001-02-0	ppt	45	45	100	14.7	11,200	--	--	1,510	1,510	2,350	2,350	487	492	G/Ln	G/Ln
Total HpCDD	37871-00-4	ppt	45	45	100	16.0	3,550	--	--	508	508	749	749	239	200	Ln	Ln
Total HpCDF	38998-75-3	ppt	45	44	98	12.1	9,770	5.32	5.32	1,180	1,180	2,010	1,990	347	354	Ln	G/Ln
Total HxCDD	34465-46-8	ppt	45	45	100	8.96	1,340	--	--	147	147	223	223	76.9	70.5	Ln	Ln
Total HxCDF	55684-94-1	ppt	45	44	98	9.30	5,890	5.32	5.32	631	632	1,050	1,040	211	194	Ln	G/Ln
Total PeCDD	36088-22-9	ppt	45	45	100	0.387	545	--	--	54.8	54.8	86.7	86.7	25.0	24.0	G/Ln	G/Ln
Total PeCDF	30402-15-4	ppt	45	44	98	6.11	4,310	5.32	5.32	375	375	679	672	148	117	Ln	G/Ln
Total TCDD	41903-57-5	ppt	45	45	100	1.29	4,070	--	--	203	203	605	605	60.7	58.7	Ln	Ln
Total TCDF	55722-27-5	ppt	45	45	100	8.58	5,460	--	--	419	419	832	832	171	128	Ln	Ln
Congener PCBs																	
PCB-1	2051-60-7	ppt	24	24	100	46.6	44,600	--	--	4,220	4,220	11,400	11,400	548	646	NP	NP
PCB-100	39485-83-1	ppt	24	23	96	9.27	8,910	62.5	62.5	1,060	1,060	2,100	2,050	263	245	G/Ln	G/Ln
PCB-103	60145-21-3	ppt	25	22	88	7.78	11,100	4.97	62.5	1,210	1,210	2,720	2,670	204	181	G/Ln	Ln
PCB-104	56558-16-8	ppt	25	17	68	3.82	971	2.48	62.5	73.2	72.4	197	193	18.7	16.8	Ln	Ln
PCB-105	32598-14-4	ppt	45	45	100	36.2	179,000	--	--	12,000	12,000	28,300	28,300	3,140	4,850	G/Ln	G/Ln
PCB-106/118	PCB-106/118	ppt	44	44	100	93.5	410,000	--	--	31,500	31,500	68,100	68,100	8,490	12,100	G/Ln	G/Ln
PCB-107/109	70424-68-9/7447	ppt	24	22	92	21.8	34,600	20.9	62.5	3,210	3,210	7,480	7,330	594	547	G/Ln	G/Ln
PCB-108/112	70362-41-3/7447	ppt	24	23	96	19.1	33,700	62.5	62.5	3,090	3,090	7,250	7,100	621	516	G/Ln	G/Ln
PCB-11	2050-67-1	ppt	25	24	96	61.0	49,200	159	159	5,370	5,370	10,100	9,860	1,640	1,540	G/Ln	G/Ln
PCB-110	38380-03-9	ppt	24	24	100	119	498,000	--	--	57,800	57,800	122,000	122,000	12,500	10,700	G/Ln	G/Ln
PCB-111/115	PCB-111/115	ppt	24	23	96	7.12	16,100	62.5	62.5	1,370	1,370	3,460	3,390	254	226	Ln	G/Ln

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-113	68194-10-5	ppt	24	19	79	5.19	2,700	2.48	62.5	227	227	599	586	38.9	38.0	Ln	Ln
PCB-114	74472-37-0	ppt	45	43	96	5.59	16,300	11.3	62.5	916	916	2,520	2,500	218	312	Ln	Ln
PCB-119	56558-17-9	ppt	24	23	96	12.8	18,400	62.5	62.5	2,230	2,230	4,830	4,730	468	511	Ln	G/Ln
PCB-12/13	PCB-12/13	ppt	25	24	96	31.5	475,000	238	238	26,600	26,600	95,800	93,900	1,460	1,640	Ln	Ln
PCB-120	68194-12-7	ppt	25	20	80	6.65	1,540	2.48	62.5	148	148	344	337	35.6	36.3	Ln	Ln
PCB-121	56558-18-0	ppt	25	0	0	--	--	2.48	62.5	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt	25	24	96	3.48	8,560	62.5	62.5	716	716	1,750	1,710	160	135	G/Ln	G/Ln
PCB-123	65510-44-3	ppt	45	43	96	5.80	12,900	7.77	62.5	733	733	1,970	1,950	195	270	Ln	Ln
PCB-124	70424-70-3	ppt	24	23	96	10.1	15,500	62.5	62.5	1,670	1,670	3,560	3,490	383	301	G/Ln	G/Ln
PCB-126	57465-28-8	ppt	45	40	89	5.88	2,240	2.48	71.0	167	167	362	358	56.3	54.5	G/Ln	Ln
PCB-127	39635-33-1	ppt	25	2	8	18.4	146	2.48	75.0	14.9	--	28.6	--	7.49	6.40	--	--
PCB-128/162	PCB-128/162	ppt	24	24	100	28.0	41,800	--	--	4,710	4,710	9,110	9,110	1,230	1,120	G/Ln	G/Ln
PCB-129	55215-18-4	ppt	24	23	96	10.8	11,700	62.5	62.5	1,370	1,370	2,660	2,610	356	306	G/Ln	G/Ln
PCB-130	52663-66-8	ppt	25	24	96	15.5	23,400	62.5	62.5	2,190	2,190	4,800	4,710	577	561	G/Ln	G/Ln
PCB-131	61798-70-7	ppt	25	14	56	3.37	280	2.48	62.5	29.7	29.0	59.8	58.7	10.6	12.0	Ln	Ln
PCB-132/161	38380-05-1/7447	ppt	24	24	100	34.9	135,000	--	--	11,300	11,300	27,600	27,600	2,350	2,270	G/Ln	G/Ln
PCB-133/142	PCB-133/142	ppt	24	23	96	8.01	12,800	62.5	62.5	1,170	1,170	2,660	2,610	288	220	G/Ln	G/Ln
PCB-134/143	PCB-134/143	ppt	25	24	96	14.8	24,000	62.5	62.5	2,150	2,150	4,890	4,800	521	458	G/Ln	G/Ln
PCB-135	52744-13-5	ppt	24	23	96	39.6	81,900	62.5	62.5	6,040	6,040	16,600	16,200	1,190	1,150	Ln	G/Ln
PCB-136	38411-22-2	ppt	25	25	100	20.0	103,000	--	--	7,310	7,310	20,500	20,500	1,390	2,130	Ln	Ln
PCB-137	35694-06-5	ppt	25	24	96	11.8	8,200	62.5	62.5	1,270	1,270	2,140	2,100	404	363	G/Ln	G/Ln
PCB-138/163/164	35065-28-2/7447	ppt	24	24	100	132	507,000	--	--	41,100	41,100	103,000	103,000	8,780	8,070	G/Ln	G/Ln
PCB-139/149	PCB-139/149	ppt	24	24	100	127	575,000	--	--	42,100	42,100	116,000	116,000	8,130	10,300	Ln	Ln
PCB-14	34883-41-5	ppt	25	3	12	6.27	198	4.97	125	23.6	--	38.4	--	14.0	12.8	--	--
PCB-140	59291-64-4	ppt	24	21	88	9.88	4,210	2.48	62.5	309	309	855	837	64.9	51.3	Ln	Ln
PCB-141	52712-04-6	ppt	25	25	100	26.9	125,000	--	--	8,680	8,680	24,800	24,800	1,590	1,450	Ln	Ln
PCB-144	68194-14-9	ppt	25	24	96	12.2	35,600	62.5	62.5	2,380	2,380	7,050	6,910	448	359	Ln	G/Ln
PCB-145	74472-40-5	ppt	25	12	48	2.62	139	2.48	62.5	17.7	15.9	30.6	30.1	8.00	8.18	G/Ln	Ln
PCB-146/165	51908-16-8/7447	ppt	24	23	96	43.7	88,000	62.5	62.5	6,820	6,820	17,900	17,500	1,400	1,240	G/Ln	G/Ln
PCB-147	68194-13-8	ppt	24	23	96	11.0	7,690	62.5	62.5	1,220	1,220	1,980	1,940	375	408	G/Ln	G/Ln
PCB-148	74472-41-6	ppt	25	21	84	6.22	1,280	2.48	62.5	129	129	271	266	37.5	32.1	Ln	Ln
PCB-15	2050-68-2	ppt	25	24	96	149	1,080,000	215	215	65,200	65,200	217,000	213,000	6,290	8,730	Ln	Ln
PCB-150	68194-08-1	ppt	25	22	88	9.03	2,300	2.48	62.5	293	294	566	555	73.1	85.8	G/Ln	Ln
PCB-151	52663-63-5	ppt	24	24	100	40.8	182,000	--	--	12,400	12,400	36,800	36,800	2,150	2,500	Ln	Ln
PCB-152	68194-09-2	ppt	25	16	64	5.46	569	2.48	62.5	60.0	59.9	128	126	17.6	20.3	Ln	Ln
PCB-153	35065-27-1	ppt	24	24	100	132	620,000	--	--	47,600	47,600	126,000	126,000	9,510	10,100	G/Ln	G/Ln
PCB-154	60145-22-4	ppt	25	24	96	10.5	15,700	62.5	62.5	1,620	1,620	3,470	3,400	373	412	Ln	G/Ln
PCB-155	33979-03-2	ppt	25	21	84	8.42	364	2.48	62.5	101	101	106	104	47.5	58.4	G/Ln	N/Ln
PCB-156	38380-08-4	ppt	44	44	100	13.7	35,300	--	--	2,610	2,610	5,620	5,620	735	1,170	G/Ln	G/Ln

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-157	69782-90-7	ppt	44	42	96	6.38	4,280	10.4	62.5	508	508	829	820	178	267	G	G/Ln
PCB-158/160	74472-42-7/4141	ppt	24	23	96	30.5	50,600	62.5	62.5	4,300	4,300	10,400	10,200	968	860	G/Ln	G/Ln
PCB-159	39635-35-3	ppt	25	21	84	9.30	7,500	2.48	62.5	568	569	1,490	1,460	105	112	G/Ln	Ln
PCB-16/32	PCB-16/32	ppt	24	23	96	145	899,000	62.5	62.5	74,100	74,100	202,000	198,000	6,210	5,720	Ln	G/Ln
PCB-166	41411-63-6	ppt	24	21	88	6.77	767	2.48	62.5	121	121	196	192	43.1	31.3	G/Ln	Ln
PCB-167	52663-72-6	ppt	45	44	98	9.13	14,700	62.5	62.5	1,100	1,100	2,300	2,270	350	542	G/Ln	G/Ln
PCB-168	59291-65-5	ppt	24	18	75	4.53	1,180	2.48	62.5	109	109	242	237	29.1	37.8	G/Ln	Ln
PCB-169	32774-16-6	ppt	45	6	13	3.53	15.4	1.05	88.0	7.57	5.10	7.83	3.40	4.99	6.22	N/G	NP
PCB-17	37680-66-3	ppt	25	24	96	95.7	868,000	62.5	62.5	61,300	61,300	183,000	179,000	4,300	4,510	Ln	Ln
PCB-170	35065-30-6	ppt	27	27	100	45.1	191,000	--	--	11,400	11,400	36,400	36,400	1,750	1,750	Ln	Ln
PCB-171	52663-71-5	ppt	24	23	96	19.5	55,500	62.5	62.5	3,640	3,640	11,200	11,000	612	538	Ln	G/Ln
PCB-172	52663-74-8	ppt	25	24	96	12.2	30,700	62.5	62.5	2,050	2,050	6,070	5,940	401	343	Ln	G/Ln
PCB-173	68194-16-1	ppt	24	21	88	6.40	4,600	2.48	62.5	307	307	928	908	57.6	48.4	Ln	Ln
PCB-174	38411-25-5	ppt	25	24	96	78.5	223,000	62.5	62.5	14,400	14,400	44,100	43,200	2,400	2,200	Ln	G/Ln
PCB-175	40186-70-7	ppt	25	24	96	4.70	10,200	62.5	62.5	660	660	2,010	1,970	135	103	Ln	Ln
PCB-176	52663-65-7	ppt	25	24	96	11.1	33,900	62.5	62.5	2,100	2,100	6,700	6,570	359	271	Ln	Ln
PCB-177	52663-70-4	ppt	25	24	96	49.2	128,000	62.5	62.5	8,420	8,420	25,300	24,800	1,520	1,440	Ln	G/Ln
PCB-178	52663-67-9	ppt	25	24	96	19.6	46,800	62.5	62.5	3,190	3,190	9,250	9,070	636	612	Ln	G/Ln
PCB-179	52663-64-6	ppt	25	25	100	19.5	116,000	--	--	7,550	7,550	22,900	22,900	1,300	1,160	Ln	Ln
PCB-18	37680-65-2	ppt	24	23	96	225	1,770,000	62.5	62.5	137,000	137,000	389,000	381,000	8,640	8,170	Ln	Ln
PCB-180	35065-29-3	ppt	26	26	100	87.5	467,000	--	--	29,500	29,500	90,800	90,800	4,560	4,540	Ln	Ln
PCB-181	74472-47-2	ppt	25	19	76	3.44	677	2.48	52.0	61.6	61.4	136	133	20.7	22.5	Ln	Ln
PCB-182/187	PCB-182/187	ppt	24	24	100	56.5	287,000	--	--	20,300	20,300	58,000	58,000	3,740	3,770	Ln	Ln
PCB-183	52663-69-1	ppt	25	25	100	28.2	137,000	--	--	8,700	8,700	27,100	27,100	1,500	1,270	Ln	Ln
PCB-184	74472-48-3	ppt	25	15	60	3.67	138	2.48	62.5	23.7	22.7	28.8	28.5	13.4	13.1	G/Ln	Ln
PCB-185	52712-05-7	ppt	25	24	96	9.31	23,300	62.5	62.5	1,540	1,540	4,610	4,520	292	230	Ln	G/Ln
PCB-186	74472-49-4	ppt	25	5	20	4.09	9.33	2.48	62.5	7.71	5.10	6.48	1.50	5.79	6.15	N/G/Ln	NP
PCB-188	74487-85-7	ppt	25	18	72	3.30	489	2.48	72.0	77.1	76.0	137	135	24.5	31.3	G/Ln	Ln
PCB-189	39635-31-9	ppt	45	41	91	3.20	6,610	6.01	100	315	315	978	968	92.5	128	Ln	Ln
PCB-19	38444-73-4	ppt	25	24	96	25.3	323,000	62.5	62.5	20,500	20,500	67,000	65,700	1,060	810	Ln	Ln
PCB-190	41411-64-7	ppt	25	24	96	13.5	37,700	62.5	62.5	2,460	2,460	7,450	7,300	460	361	Ln	Ln
PCB-191	74472-50-7	ppt	25	23	92	3.40	7,650	7.76	62.5	504	504	1,510	1,480	103	80.0	Ln	Ln
PCB-192	74472-51-8	ppt	25	4	16	8.89	22.3	2.48	62.5	9.72	--	7.45	--	7.03	8.89	--	--
PCB-193	69782-91-8	ppt	24	23	96	9.11	21,100	62.5	62.5	1,480	1,480	4,260	4,170	292	252	Ln	G/Ln
PCB-194	35694-08-7	ppt	25	24	96	42.4	86,800	62.5	62.5	6,600	6,600	17,200	16,900	1,410	1,270	Ln	G/Ln
PCB-195	52663-78-2	ppt	25	24	96	14.4	40,900	62.5	62.5	2,870	2,870	8,100	7,940	552	445	Ln	G/Ln
PCB-196/203	PCB-196/203	ppt	24	24	100	33.6	120,000	--	--	9,050	9,050	24,300	24,300	1,830	1,660	G/Ln	G/Ln
PCB-197	33091-17-7	ppt	25	22	88	12.0	4,220	2.48	62.5	310	310	835	818	72.4	60.2	Ln	Ln
PCB-198	68194-17-2	ppt	24	21	88	3.38	5,080	7.76	62.5	369	369	1,030	1,010	83.3	66.2	Ln	Ln

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-199	52663-75-9	ppt	25	25	100	23.1	105,000	--	--	8,140	8,140	21,000	21,000	1,740	1,510	G/Ln	G/Ln
PCB-2	2051-61-8	ppt	24	24	100	19.5	14,000	--	--	993	993	2,880	2,880	202	231	Ln	Ln
PCB-20/21/33	38444-84-7/5570	ppt	24	23	96	101	284,000	62.5	62.5	30,900	30,900	71,400	69,900	4,250	4,980	Ln	G/Ln
PCB-200	52663-73-7	ppt	24	23	96	6.62	13,400	62.5	62.5	1,000	1,000	2,720	2,660	208	170	Ln	G/Ln
PCB-201	40186-71-8	ppt	25	24	96	8.74	14,200	62.5	62.5	1,100	1,100	2,820	2,760	272	279	G/Ln	G/Ln
PCB-202	2136-99-4	ppt	25	24	96	18.5	20,900	62.5	62.5	1,970	1,970	4,220	4,130	568	869	G/Ln	G/Ln
PCB-204	74472-52-9	ppt	25	10	40	2.73	37.5	2.48	62.5	11.6	9.50	9.81	9.30	7.91	9.03	N/G/Ln	NP
PCB-205	74472-53-0	ppt	25	22	88	12.3	3,790	2.48	62.5	296	297	751	735	74.2	58.8	Ln	Ln
PCB-206	40186-72-9	ppt	25	25	100	28.9	33,500	--	--	4,640	4,640	8,760	8,760	1,310	2,120	G/Ln	G/Ln
PCB-207	52663-79-3	ppt	25	25	100	4.95	3,300	--	--	438	438	784	784	146	212	G/Ln	G/Ln
PCB-208	52663-77-1	ppt	25	25	100	12.7	10,300	--	--	1,380	1,380	2,530	2,530	420	573	G/Ln	G/Ln
PCB-209	2051-24-3	ppt	43	43	100	35.0	26,800	--	--	2,980	2,980	5,170	5,170	1,150	1,380	G/Ln	G/Ln
PCB-22	38444-85-8	ppt	25	24	96	92.0	200,000	62.5	62.5	22,400	22,400	48,900	47,900	3,830	4,870	Ln	G/Ln
PCB-23	55720-44-0	ppt	25	16	64	2.69	877	2.48	62.5	76.4	75.2	188	185	16.3	16.1	Ln	Ln
PCB-24/27	PCB-24/27	ppt	24	23	96	26.8	287,000	62.5	62.5	17,700	17,700	59,300	58,100	1,080	992	Ln	Ln
PCB-25	55712-37-3	ppt	25	24	96	58.7	594,000	62.5	62.5	33,900	33,900	120,000	117,000	2,100	2,720	Ln	Ln
PCB-26	38444-81-4	ppt	24	24	100	71.6	788,000	--	--	47,500	47,500	162,000	162,000	3,220	4,050	Ln	Ln
PCB-28	7012-37-5	ppt	24	24	100	126	1,090,000	--	--	98,700	98,700	244,000	244,000	14,200	18,300	Ln	Ln
PCB-29	15862-07-4	ppt	24	21	88	6.39	2,870	2.48	62.5	343	343	784	768	58.2	54.7	Ln	Ln
PCB-3	2051-62-9	ppt	25	25	100	29.7	97,200	--	--	5,670	5,670	19,600	19,600	548	538	Ln	Ln
PCB-30	35693-92-6	ppt	24	12	50	4.76	1,040	2.48	62.5	93.5	92.9	244	239	14.8	11.7	Ln	NP
PCB-31	16606-02-3	ppt	25	25	100	305	1,330,000	--	--	100,000	100,000	279,000	279,000	12,700	15,500	Ln	Ln
PCB-34	37680-68-5	ppt	25	23	92	2.63	20,000	7.76	62.5	1,250	1,250	4,060	3,980	114	121	Ln	Ln
PCB-35	37680-69-6	ppt	25	23	92	8.45	18,700	4.97	62.5	1,600	1,600	3,860	3,780	310	447	Ln	Ln
PCB-36	38444-87-0	ppt	25	17	68	3.68	663	2.48	62.5	53.8	53.1	134	131	16.2	13.9	Ln	Ln
PCB-37	38444-90-5	ppt	25	25	100	57.6	239,000	--	--	20,700	20,700	49,900	49,900	4,040	5,730	Ln	Ln
PCB-38	53555-66-1	ppt	25	23	92	3.51	12,100	42.0	62.5	841	840	2,490	2,440	119	134	Ln	G/Ln
PCB-39	38444-88-1	ppt	25	22	88	7.40	5,070	2.48	62.5	313	313	1,010	994	46.0	41.8	Ln	Ln
PCB-4/10	PCB-4/10	ppt	24	23	96	51.6	586,000	125	125	39,500	39,500	126,000	123,000	1,900	1,570	Ln	Ln
PCB-40	38444-93-8	ppt	23	22	96	29.4	142,000	62.5	62.5	11,100	11,100	29,900	29,200	1,580	1,570	Ln	G/Ln
PCB-41/64/71/72	52663-59-9/5266	ppt	20	20	100	102	948,000	--	--	80,200	80,200	210,000	210,000	12,500	13,000	G/Ln	G/Ln
PCB-42/59	36559-22-5/7447	ppt	24	24	100	50.2	375,000	--	--	32,100	32,100	80,000	80,000	4,960	5,150	G/Ln	G/Ln
PCB-43/49	PCB-43/49	ppt	24	24	100	122	1,470,000	--	--	106,000	106,000	304,000	304,000	13,600	13,600	Ln	Ln
PCB-44	41464-39-5	ppt	24	24	100	107	834,000	--	--	78,400	78,400	184,000	184,000	12,700	13,100	G/Ln	G/Ln
PCB-45	70362-45-7	ppt	25	24	96	61.5	193,000	62.5	62.5	15,700	15,700	41,200	40,300	2,070	2,080	Ln	G/Ln
PCB-46	41464-47-5	ppt	25	24	96	31.2	87,500	62.5	62.5	7,190	7,190	18,800	18,400	942	915	Ln	G/Ln
PCB-47	2437-79-8	ppt	24	24	100	64.1	593,000	--	--	42,800	42,800	123,000	123,000	5,870	6,180	Ln	Ln
PCB-48/75	70362-47-9/3259	ppt	24	23	96	75.8	244,000	62.5	62.5	19,700	19,700	51,700	50,600	2,700	2,770	Ln	G/Ln
PCB-5/8	PCB-5/8	ppt	24	23	96	115	1,060,000	133	133	78,700	78,700	234,000	229,000	4,450	4,070	Ln	Ln

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-50	62796-65-0	ppt	24	19	79	6.14	8,980	2.48	62.5	583	583	1,860	1,820	50.9	37.1	Ln	Ln
PCB-51	68194-04-7	ppt	25	24	96	46.1	128,000	62.5	62.5	9,500	9,500	26,900	26,300	1,250	1,380	Ln	Ln
PCB-52/69	35693-99-3/6023	ppt	24	24	100	410	1,460,000	--	--	114,000	114,000	306,000	306,000	17,000	16,800	Ln	Ln
PCB-53	41464-41-9	ppt	24	23	96	93.0	322,000	62.5	62.5	23,400	23,400	67,800	66,400	2,460	2,320	Ln	Ln
PCB-54	15968-05-5	ppt	25	22	88	3.41	7,470	7.76	62.5	653	653	1,820	1,790	75.7	89.2	Ln	Ln
PCB-55	74338-24-2	ppt	25	23	92	4.85	20,800	20.9	62.5	1,380	1,380	4,190	4,100	182	171	Ln	G/Ln
PCB-56/60	PCB-56/60	ppt	24	24	100	70.9	637,000	--	--	51,000	51,000	132,000	132,000	7,820	8,250	Ln	Ln
PCB-57	70424-67-8	ppt	25	23	92	2.79	7,910	7.76	62.5	575	575	1,600	1,570	98.1	101	Ln	G/Ln
PCB-58	41464-49-7	ppt	25	22	88	8.77	4,400	2.48	62.5	333	333	885	867	61.8	55.4	Ln	Ln
PCB-6	25569-80-6	ppt	25	24	96	54.6	947,000	125	125	54,700	54,700	193,000	189,000	1,590	1,400	NP	NP
PCB-61/70	PCB-61/70	ppt	24	24	100	118	957,000	--	--	80,800	80,800	202,000	202,000	13,100	14,800	Ln	Ln
PCB-62	54230-22-7	ppt	24	12	50	3.45	458	2.48	62.5	39.8	38.8	96.1	94.4	11.3	11.0	G/Ln	Ln
PCB-63	74472-34-7	ppt	25	24	96	13.9	47,200	62.5	62.5	3,260	3,270	9,450	9,260	510	570	Ln	G/Ln
PCB-65	33284-54-7	ppt	24	13	54	10.4	1,000	2.48	62.5	81.5	83.2	208	203	17.5	15.0	G/Ln	NP
PCB-67	73575-53-8	ppt	25	24	96	12.3	65,000	62.5	62.5	4,160	4,160	13,000	12,800	530	569	Ln	G/Ln
PCB-68	73575-52-7	ppt	23	22	96	2.87	7,700	62.5	62.5	600	599	1,610	1,580	115	127	Ln	G/Ln
PCB-7/9	PCB-7/9	ppt	24	23	96	11.6	82,400	125	125	6,750	6,750	19,100	18,700	466	372	Ln	Ln
PCB-73	74338-23-1	ppt	25	0	0	--	--	2.48	62.5	--	--	--	--	--	--	--	--
PCB-74	32690-93-0	ppt	24	24	100	45.3	619,000	--	--	44,300	44,300	126,000	126,000	6,190	6,590	Ln	Ln
PCB-76/66	PCB-76/66	ppt	24	24	100	98.6	973,000	--	--	77,600	77,600	201,000	201,000	12,400	13,700	Ln	Ln
PCB-77	32598-13-3	ppt	45	45	100	31.2	126,000	--	--	5,950	5,950	18,900	18,900	1,340	2,080	Ln	Ln
PCB-78	70362-49-1	ppt	25	16	64	8.30	2,120	2.48	62.5	175	175	434	425	33.9	31.3	G/Ln	Ln
PCB-79	41464-48-6	ppt	25	21	84	5.19	6,660	20.0	223	751	749	1,530	1,500	192	149	G/Ln	Ln
PCB-80	33284-52-5	ppt	25	0	0	--	--	2.48	62.5	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt	45	40	89	3.47	5,030	2.48	110	258	258	775	767	54.8	53.5	Ln	Ln
PCB-82	52663-62-4	ppt	25	24	96	37.9	93,400	62.5	62.5	7,660	7,660	19,200	18,800	1,440	1,590	G/Ln	G/Ln
PCB-83	60145-20-2	ppt	24	16	67	5.32	1,330	2.48	62.5	98.3	98.2	276	270	18.5	18.9	Ln	Ln
PCB-84/92	52663-60-2/5266	ppt	24	24	100	41.3	225,000	--	--	25,100	25,100	55,000	55,000	4,740	4,160	G/Ln	G/Ln
PCB-85/116	PCB-85/116	ppt	24	24	100	24.1	115,000	--	--	10,400	10,400	24,700	24,700	1,980	1,920	G/Ln	G/Ln
PCB-86	55312-69-1	ppt	24	21	88	8.89	10,300	2.48	62.5	728	728	2,140	2,090	91.1	83.5	Ln	Ln
PCB-87/117/125	38380-02-8/6819	ppt	24	24	100	43.7	168,000	--	--	18,100	18,100	39,800	39,800	3,590	3,370	G/Ln	G/Ln
PCB-88/91	PCB-88/91	ppt	24	24	100	26.2	132,000	--	--	11,800	11,800	27,500	27,500	2,430	2,850	G/Ln	G/Ln
PCB-89	73575-57-2	ppt	25	24	96	6.15	16,600	62.5	62.5	1,330	1,330	3,500	3,430	223	230	Ln	G/Ln
PCB-90/101	PCB-90/101	ppt	24	24	100	136	397,000	--	--	52,700	52,700	108,000	108,000	11,500	9,680	G/Ln	G/Ln
PCB-93	73575-56-1	ppt	24	0	0	--	--	2.48	62.5	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt	25	24	96	4.49	5,200	62.5	62.5	533	532	1,180	1,160	131	158	Ln	G/Ln
PCB-95/98/102	38379-99-6/6023	ppt	24	24	100	88.3	380,000	--	--	46,500	46,500	100,000	100,000	9,250	8,190	Ln	Ln
PCB-96	73575-54-9	ppt	25	22	88	8.11	7,680	2.48	62.5	611	611	1,580	1,550	107	134	Ln	Ln
PCB-97	41464-51-1	ppt	24	24	100	33.5	177,000	--	--	17,800	17,800	39,400	39,400	3,600	3,090	G/Ln	G/Ln

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-99	38380-01-7	ppt	24	24	100	59.7	277,000	--	--	30,800	30,800	66,000	66,000	6,380	7,120	G/Ln	G/Ln
Total Congener PCBs (209)	No CAS	ppt	25	25	100	4,560	27,500,000	--	--	2,440,000	2,440,000	6,080,000	6,080,000	385,000	482,000	Ln	Ln
Total Congener PCBs (NOAA 1989)	No CAS	ppt	25	25	100	3,280	17,300,000	--	--	1,700,000	1,700,000	4,030,000	4,030,000	285,000	339,000	Ln	Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	15	15	100	0.795	1,540	--	--	161	161	393	393	40.6	40.5	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	15	15	100	0.295	16,700	--	--	1,400	1,400	4,350	4,350	20.2	22.4	Ln	Ln
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	15	9	60	0.463	292	0.0809	2.45	26.3	26.3	75.9	73.3	1.63	2.02	Ln	Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	15	12	80	0.273	31.0	0.326	2.54	3.25	3.20	7.74	7.50	1.22	1.21	Ln	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	15	15	100	0.104	3,770	--	--	318	318	983	983	5.59	7.31	Ln	Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	15	13	87	0.623	113	0.328	2.41	11.0	11.0	29.1	28.1	2.37	1.88	NP	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	15	12	80	0.0899	868	0.131	2.45	71.2	71.2	224	217	3.03	4.45	Ln	G/Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	15	14	93	0.366	47.0	2.41	2.41	5.45	5.50	11.7	11.4	2.29	2.06	NP	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	15	8	53	0.844	89.4	0.0598	2.54	8.43	8.60	23.0	22.1	1.01	1.23	Ln	Ln
1,2,3,7,8-PeCDD	40321-76-4	ppt	15	13	87	0.180	45.7	0.204	2.41	4.08	4.10	11.6	11.2	0.941	1.06	NP	Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt	15	13	87	0.0820	269	0.171	2.45	22.7	22.7	68.8	66.5	1.77	2.02	Ln	G/Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	15	11	73	0.307	299	0.0744	2.45	26.3	26.3	77.1	74.5	1.92	2.13	Ln	G/Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt	15	12	80	0.105	504	0.152	2.45	43.7	43.6	130	126	3.00	4.49	Ln	G/Ln
2,3,7,8-TCDD	1746-01-6	ppt	15	13	87	0.113	1,370	0.111	0.179	94.8	94.8	353	341	1.14	0.579	NP	Ln
2,3,7,8-TCDF	51207-31-9	ppt	15	13	87	0.102	119	0.0999	0.481	13.8	13.8	30.0	29.0	2.02	2.43	G/Ln	G/Ln
OCDD	3268-87-9	ppt	15	15	100	17.7	13,900	--	--	2,230	2,230	3,420	3,420	1,010	989	G/Ln	G/Ln
OCDF	39001-02-0	ppt	15	13	87	1.19	22,900	4.81	4.90	1,870	1,870	5,940	5,740	31.9	36.1	Ln	Ln
Total HpCDD	37871-00-4	ppt	15	15	100	2.40	3,890	--	--	422	422	989	989	123	127	NP	NP
Total HpCDF	38998-75-3	ppt	15	15	100	0.144	18,800	--	--	1,620	1,620	4,920	4,920	23.1	32.9	Ln	Ln
Total HxCDD	34465-46-8	ppt	15	15	100	2.67	1,410	--	--	149	149	357	357	46.8	50.3	NP	NP
Total HxCDF	55684-94-1	ppt	15	15	100	0.150	10,600	--	--	894	894	2,750	2,750	17.4	41.4	Ln	Ln
Total PeCDD	36088-22-9	ppt	15	15	100	2.16	665	--	--	61.1	61.1	168	168	15.0	11.2	NP	NP
Total PeCDF	30402-15-4	ppt	15	15	100	0.259	6,790	--	--	555	555	1,750	1,750	25.1	50.1	Ln	Ln
Total TCDD	41903-57-5	ppt	15	15	100	1.09	2,150	--	--	170	170	550	550	16.1	11.8	Ln	Ln
Total TCDF	55722-27-5	ppt	15	15	100	0.147	6,210	--	--	501	501	1,590	1,590	25.3	71.5	Ln	Ln
Congener PCBs																	
PCB-1	2051-60-7	ppt	15	9	60	12.2	1,720	2.45	12.5	159	162	438	422	20.5	18.7	Ln	Ln
PCB-100	39485-83-1	ppt	15	6	40	8.17	1,030	2.45	60.3	138	138	326	315	14.7	8.17	G/Ln	NP
PCB-103	60145-21-3	ppt	15	5	33	6.34	1,600	2.45	60.3	160	158	422	408	14.4	6.25	N/G/Ln	NP
PCB-104	56558-16-8	ppt	15	0	0	--	--	2.45	60.3	--	--	--	--	--	--	--	--
PCB-105	32598-14-4	ppt	15	11	73	6.12	24,600	12.5	60.3	2,200	2,200	6,350	6,130	72.8	27.5	G/Ln	G
PCB-106/118	PCB-106/118	ppt	15	13	87	3.80	73,600	12.5	49.6	6,450	6,450	18,900	18,300	154	53.2	Ln	G/Ln
PCB-107/109	70424-68-9/7447	ppt	15	6	40	24.2	5,400	2.45	60.3	477	486	1,390	1,340	23.9	24.2	G/Ln	NP
PCB-108/112	70362-41-3/7447	ppt	15	6	40	15.8	4,550	2.45	60.3	402	406	1,170	1,130	21.8	15.8	G/Ln	NP

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Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-11	2050-67-1	ppt	15	10	67	7.20	22,500	15.7	121	1,880	1,870	5,770	5,580	76.4	49.6	G/Ln	G
PCB-110	38380-03-9	ppt	15	12	80	22.2	101,000	12.5	49.6	9,030	9,030	26,000	25,100	192	46.5	Ln	G/Ln
PCB-111/115	PCB-111/115	ppt	15	5	33	7.42	430	2.45	60.3	49.8	49.0	114	111	11.0	7.42	N/G/Ln	NP
PCB-113	68194-10-5	ppt	15	3	20	8.64	29.6	2.45	60.3	11.0	--	10.5	--	6.98	6.25	--	--
PCB-114	74472-37-0	ppt	15	4	27	24.6	1,960	2.45	60.3	172	--	503	--	14.3	6.25	--	--
PCB-119	56558-17-9	ppt	15	6	40	12.9	2,770	2.45	60.3	269	272	724	698	19.4	12.9	G/Ln	NP
PCB-12/13	PCB-12/13	ppt	15	7	47	5.16	5,000	4.90	121	415	408	1,280	1,230	38.9	28.8	G/Ln	Ln
PCB-120	68194-12-7	ppt	15	3	20	4.13	57.3	2.45	60.3	12.3	--	15.3	--	6.87	6.20	--	--
PCB-121	56558-18-0	ppt	15	0	0	--	--	2.45	60.3	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt	15	5	33	4.21	1,080	2.45	60.3	96.2	93.4	276	267	11.8	6.25	G/Ln	NP
PCB-123	65510-44-3	ppt	15	4	27	22.3	1,220	2.45	60.3	114	--	313	--	13.2	6.25	--	--
PCB-124	70424-70-3	ppt	15	5	33	13.2	2,760	2.45	60.3	251	254	709	684	17.8	6.25	G/Ln	NP
PCB-126	57465-28-8	ppt	15	4	27	7.68	355	2.45	60.3	38.4	--	89.9	--	9.80	6.25	--	--
PCB-127	39635-33-1	ppt	15	2	13	36.7	48.7	2.45	60.3	13.1	--	14.8	--	7.35	6.20	--	--
PCB-128/162	PCB-128/162	ppt	15	9	60	4.76	10,600	2.51	60.3	934	933	2,730	2,640	37.1	24.8	G/Ln	G/Ln
PCB-129	55215-18-4	ppt	15	5	33	18.3	2,960	2.45	60.3	271	278	762	733	18.6	6.25	G/Ln	NP
PCB-130	52663-66-8	ppt	15	6	40	16.5	3,880	2.45	60.3	367	372	1,000	968	22.2	16.5	G/Ln	NP
PCB-131	61798-70-7	ppt	15	0	0	--	--	2.45	60.3	--	--	--	--	--	--	--	--
PCB-132/161	38380-05-1/7447	ppt	15	10	67	4.88	19,800	7.84	60.3	1,820	1,820	5,110	4,940	62.7	24.8	G/Ln	G/Ln
PCB-133/142	PCB-133/142	ppt	15	6	40	9.10	2,120	2.45	60.3	200	200	547	528	17.2	9.10	G/Ln	NP
PCB-134/143	PCB-134/143	ppt	15	6	40	13.5	4,130	2.45	60.3	381	383	1,070	1,030	21.8	13.5	G/Ln	NP
PCB-135	52744-13-5	ppt	15	9	60	4.28	9,500	2.51	60.3	897	895	2,470	2,380	38.4	24.8	G/Ln	G/Ln
PCB-136	38411-22-2	ppt	15	10	67	2.77	11,200	7.84	60.3	1,070	1,070	2,930	2,830	42.7	24.8	G/Ln	G
PCB-137	35694-06-5	ppt	15	5	33	17.3	3,500	2.45	60.3	307	313	899	866	18.5	6.25	G/Ln	NP
PCB-138/163/164	35065-28-2/7447	ppt	15	12	80	16.8	72,500	12.5	49.6	6,840	6,840	18,800	18,200	164	47.0	G/Ln	G/Ln
PCB-139/149	PCB-139/149	ppt	15	11	73	16.3	66,300	12.5	60.3	6,410	6,410	17,300	16,800	160	40.3	G/Ln	G/Ln
PCB-14	34883-41-5	ppt	15	0	0	--	--	4.90	121	--	--	--	--	--	--	--	--
PCB-140	59291-64-4	ppt	15	4	27	9.95	390	2.45	60.3	42.3	--	99.3	--	10.2	6.25	--	--
PCB-141	52712-04-6	ppt	15	10	67	3.20	13,700	7.84	60.3	1,310	1,300	3,550	3,440	52.9	24.8	G/Ln	G/Ln
PCB-144	68194-14-9	ppt	15	6	40	9.63	3,430	2.45	60.3	336	337	891	861	21.6	9.63	G/Ln	NP
PCB-145	74472-40-5	ppt	15	1	7	7.83	7.83	2.45	60.3	8.53	--	8.26	--	5.95	6.20	--	--
PCB-146/165	51908-16-8/7447	ppt	15	10	67	2.88	11,300	7.84	60.3	1,070	1,070	2,940	2,850	44.7	24.8	G/Ln	G
PCB-147	68194-13-8	ppt	15	6	40	10.9	2,110	2.45	60.3	210	211	554	535	17.4	10.9	G/Ln	NP
PCB-148	74472-41-6	ppt	15	4	27	6.13	125	2.45	60.3	22.1	--	36.9	--	8.40	6.20	--	--
PCB-15	2050-68-2	ppt	15	13	87	11.4	22,500	15.7	121	1,860	1,860	5,770	5,570	124	76.2	Ln	G/Ln
PCB-150	68194-08-1	ppt	15	4	27	7.25	512	2.45	60.3	64.5	--	149	--	10.6	6.25	--	--
PCB-151	52663-63-5	ppt	15	10	67	4.52	17,400	7.84	60.3	1,690	1,690	4,540	4,390	62.6	24.8	G/Ln	G/Ln
PCB-152	68194-09-2	ppt	15	1	7	12.2	12.2	2.45	60.3	8.82	--	8.31	--	6.13	6.20	--	--
PCB-153	35065-27-1	ppt	15	12	80	16.4	78,500	12.5	49.6	7,700	7,700	20,600	19,900	170	41.3	Ln	G/Ln

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2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-154	60145-22-4	ppt	15	5	33	10.3	2,430	2.45	60.3	292	293	732	707	16.7	6.25	N/G/Ln	NP
PCB-155	33979-03-2	ppt	15	4	27	7.02	65.7	2.45	60.3	15.0	--	19.8	--	7.56	6.25	--	--
PCB-156	38380-08-4	ppt	15	6	40	2.64	1,340	2.51	60.3	167	163	400	388	17.4	9.60	G/Ln	Ln
PCB-157	69782-90-7	ppt	15	4	27	19.7	1,450	2.45	60.3	135	--	373	--	13.7	6.25	--	--
PCB-158/160	74472-42-7/4141	ppt	15	9	60	4.11	7,770	2.51	60.3	729	727	2,010	1,940	34.9	24.8	G/Ln	G/Ln
PCB-159	39635-35-3	ppt	15	4	27	49.5	979	2.45	60.3	110	--	264	--	14.0	6.25	--	--
PCB-16/32	PCB-16/32	ppt	15	10	67	14.1	46,000	7.84	60.3	3,760	3,770	11,900	11,500	91.8	27.9	G/Ln	G/Ln
PCB-166	41411-63-6	ppt	15	4	27	5.11	310	2.45	60.3	33.1	--	78.1	--	9.08	6.20	--	--
PCB-167	52663-72-6	ppt	15	6	40	9.06	2,750	2.45	60.3	256	257	710	685	18.5	9.06	G/Ln	NP
PCB-168	59291-65-5	ppt	15	3	20	6.99	58.6	2.45	60.3	12.6	--	15.5	--	7.12	6.25	--	--
PCB-169	32774-16-6	ppt	15	0	0	--	--	2.45	60.3	--	--	--	--	--	--	--	--
PCB-17	37680-66-3	ppt	15	10	67	8.69	36,900	7.84	60.3	2,900	2,900	9,490	9,170	68.8	24.8	G/Ln	G/Ln
PCB-170	35065-30-6	ppt	15	10	67	4.71	17,100	7.84	60.3	1,700	1,700	4,480	4,330	64.7	24.9	G/Ln	G/Ln
PCB-171	52663-71-5	ppt	15	7	47	2.68	4,860	2.51	60.3	486	482	1,270	1,230	26.5	13.9	G/Ln	N/Ln
PCB-172	52663-74-8	ppt	15	5	33	24.0	3,080	2.45	60.3	309	319	807	775	20.4	6.25	N/G/Ln	NP
PCB-173	68194-16-1	ppt	15	4	27	24.3	375	2.45	60.3	44.5	--	96.3	--	11.1	6.25	--	--
PCB-174	38411-25-5	ppt	15	10	67	5.83	19,600	7.84	60.3	1,960	1,960	5,150	4,970	73.1	30.1	G/Ln	G/Ln
PCB-175	40186-70-7	ppt	15	4	27	28.1	1,020	2.45	60.3	105	--	266	--	13.4	6.25	--	--
PCB-176	52663-65-7	ppt	15	6	40	9.11	2,810	2.45	60.3	281	281	737	712	20.1	9.11	G/Ln	NP
PCB-177	52663-70-4	ppt	15	10	67	3.60	11,900	7.84	60.3	1,180	1,170	3,110	3,010	51.7	24.8	G/Ln	G/Ln
PCB-178	52663-67-9	ppt	15	7	47	2.93	4,660	2.51	60.3	463	460	1,230	1,190	26.1	16.9	G/Ln	Ln
PCB-179	52663-64-6	ppt	15	10	67	3.21	10,900	7.84	60.3	1,080	1,080	2,880	2,780	47.1	24.8	G/Ln	G
PCB-18	37680-65-2	ppt	15	11	73	9.86	76,300	12.5	60.3	5,750	5,750	19,600	18,900	117	39.5	G/Ln	G/Ln
PCB-180	35065-29-3	ppt	15	11	73	10.8	47,100	12.5	60.3	4,800	4,800	12,500	12,100	133	34.5	G/Ln	G/Ln
PCB-181	74472-47-2	ppt	15	3	20	3.64	27.8	2.45	60.3	10.5	--	10.4	--	6.56	6.20	--	--
PCB-182/187	PCB-182/187	ppt	15	11	73	8.42	30,500	12.5	60.3	3,110	3,110	8,150	7,880	102	34.3	G/Ln	G/Ln
PCB-183	52663-69-1	ppt	15	10	67	3.69	12,700	7.84	60.3	1,270	1,270	3,360	3,250	53.5	24.8	G/Ln	G/Ln
PCB-184	74472-48-3	ppt	15	2	13	23.9	78.1	2.45	60.3	14.2	--	19.9	--	7.38	6.20	--	--
PCB-185	52712-05-7	ppt	15	5	33	19.1	2,290	2.45	60.3	238	245	604	581	19.0	6.25	N/G/Ln	NP
PCB-186	74472-49-4	ppt	15	0	0	--	--	2.45	60.3	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt	15	3	20	5.69	125	2.45	60.3	19.7	--	33.7	--	7.74	6.18	--	--
PCB-189	39635-31-9	ppt	15	4	27	13.1	691	2.45	60.3	72.2	--	179	--	11.8	6.25	--	--
PCB-19	38444-73-4	ppt	15	7	47	4.03	5,520	2.45	60.3	468	465	1,420	1,380	25.4	24.8	G/Ln	Ln
PCB-190	41411-64-7	ppt	15	6	40	12.0	3,620	2.45	60.3	367	369	952	919	22.6	12.0	G/Ln	NP
PCB-191	74472-50-7	ppt	15	5	33	3.01	694	2.45	60.3	75.1	71.6	181	176	11.8	6.25	N/G/Ln	NP
PCB-192	74472-51-8	ppt	15	0	0	--	--	2.45	60.3	--	--	--	--	--	--	--	--
PCB-193	69782-91-8	ppt	15	5	33	16.4	2,050	2.45	60.3	212	218	539	519	18.2	6.25	N/G/Ln	NP
PCB-194	35694-08-7	ppt	15	10	67	3.01	12,400	7.84	60.3	1,300	1,290	3,360	3,250	50.5	24.8	G/Ln	G/Ln
PCB-195	52663-78-2	ppt	15	6	40	11.4	4,990	2.45	60.3	504	506	1,330	1,280	24.2	11.4	G/Ln	NP

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-196/203	PCB-196/203	ppt	15	10	67	5.40	15,400	7.84	60.3	1,740	1,740	4,360	4,210	64.8	25.2	G/Ln	G/Ln
PCB-197	33091-17-7	ppt	15	4	27	12.7	547	2.45	60.3	63.5	--	147	--	11.4	6.25	--	--
PCB-198	68194-17-2	ppt	15	3	20	14.3	390	2.45	60.3	38.3	--	98.8	--	9.18	6.25	--	--
PCB-199	52663-75-9	ppt	15	10	67	5.28	14,700	7.84	60.3	1,690	1,690	4,220	4,080	62.7	24.8	G/Ln	G/Ln
PCB-2	2051-61-8	ppt	15	13	87	12.4	575	2.51	7.84	84.3	85.6	142	136	35.4	43.3	G/Ln	Ln
PCB-20/21/33	38444-84-7/5570	ppt	15	11	73	7.95	40,500	12.5	60.3	3,450	3,450	10,500	10,200	84.1	24.8	G/Ln	G/Ln
PCB-200	52663-73-7	ppt	15	5	33	11.4	1,610	2.45	60.3	172	174	435	420	15.2	6.25	N/G/Ln	NP
PCB-201	40186-71-8	ppt	15	6	40	5.84	2,060	2.45	60.3	231	230	576	557	17.4	6.25	G/Ln	Ln
PCB-202	2136-99-4	ppt	15	8	53	3.41	3,920	2.51	60.3	518	515	1,260	1,220	27.1	12.7	G/Ln	Ln
PCB-204	74472-52-9	ppt	15	1	7	19.4	19.4	2.45	60.3	9.30	--	8.71	--	6.33	6.20	--	--
PCB-205	74472-53-0	ppt	15	4	27	16.7	657	2.45	60.3	72.0	--	173	--	11.9	6.25	--	--
PCB-206	40186-72-9	ppt	15	10	67	4.10	12,200	7.84	60.3	1,570	1,570	3,930	3,800	50.7	28.4	G/Ln	G
PCB-207	52663-79-3	ppt	15	4	27	17.2	1,100	2.45	60.3	150	--	360	--	13.6	6.25	--	--
PCB-208	52663-77-1	ppt	15	7	47	11.4	4,740	2.45	60.3	529	530	1,370	1,320	23.7	14.7	G/Ln	Ln
PCB-209	2051-24-3	ppt	15	13	87	3.20	18,000	7.84	8.21	2,100	2,100	5,430	5,240	62.5	36.7	Ln	G/Ln
PCB-22	38444-85-8	ppt	15	10	67	7.14	28,900	7.84	60.3	2,440	2,440	7,480	7,230	67.0	24.8	G/Ln	G/Ln
PCB-23	55720-44-0	ppt	15	3	20	4.31	17.6	2.45	60.3	8.95	--	8.60	--	6.08	6.20	--	--
PCB-24/27	PCB-24/27	ppt	15	8	53	3.26	5,410	7.84	60.3	452	449	1,390	1,340	27.0	24.8	G/Ln	NP
PCB-25	55712-37-3	ppt	15	8	53	7.09	7,880	7.84	60.3	673	671	2,020	1,960	37.5	24.8	G/Ln	NP
PCB-26	38444-81-4	ppt	15	9	60	8.85	14,500	7.84	60.3	1,240	1,240	3,730	3,610	51.3	24.8	G/Ln	G/Ln
PCB-28	7012-37-5	ppt	15	11	73	23.3	104,000	12.5	60.3	8,410	8,420	26,800	25,900	163	39.6	G/Ln	G/Ln
PCB-29	15862-07-4	ppt	15	5	33	3.69	297	2.45	60.3	32.9	30.0	75.9	73.9	8.89	6.25	G/Ln	NP
PCB-3	2051-62-9	ppt	15	13	87	3.56	1,620	2.51	7.84	179	179	408	394	38.9	59.8	G/Ln	G/Ln
PCB-30	35693-92-6	ppt	15	0	0	--	--	2.45	60.3	--	--	--	--	--	--	--	--
PCB-31	16606-02-3	ppt	15	11	73	18.7	77,700	12.5	60.3	6,700	6,700	20,200	19,500	146	35.3	G/Ln	G/Ln
PCB-34	37680-68-5	ppt	15	5	33	5.12	912	2.45	60.3	76.4	74.6	232	225	10.9	6.25	G/Ln	NP
PCB-35	37680-69-6	ppt	15	5	33	13.0	2,470	2.45	60.3	231	234	638	615	17.1	6.25	G/Ln	NP
PCB-36	38444-87-0	ppt	15	2	13	4.14	17.5	2.45	60.3	9.04	--	8.63	--	6.12	6.20	--	--
PCB-37	38444-90-5	ppt	15	11	73	6.84	20,300	12.5	60.3	1,710	1,710	5,230	5,060	62.5	24.8	G/Ln	G
PCB-38	53555-66-1	ppt	15	4	27	14.7	632	2.45	60.3	57.8	--	161	--	10.6	6.25	--	--
PCB-39	38444-88-1	ppt	15	3	20	7.98	43.7	2.45	60.3	11.6	--	12.4	--	7.02	6.25	--	--
PCB-4/10	PCB-4/10	ppt	15	6	40	82.2	8,340	4.90	121	733	772	2,150	2,060	47.8	49.6	G/Ln	NP
PCB-40	38444-93-8	ppt	15	8	53	6.40	10,600	7.84	60.3	876	875	2,730	2,640	37.1	24.8	G/Ln	Ln
PCB-41/64/71/72	52663-59-9/5266	ppt	15	11	73	20.3	63,400	12.5	60.3	5,330	5,340	16,400	15,800	137	34.7	G/Ln	G/Ln
PCB-42/59	36559-22-5/7447	ppt	15	11	73	9.70	34,000	12.5	60.3	2,800	2,800	8,760	8,460	84.3	24.8	G/Ln	G/Ln
PCB-43/49	PCB-43/49	ppt	15	11	73	20.6	92,000	12.5	60.3	7,650	7,650	23,600	22,800	173	47.9	G/Ln	G/Ln
PCB-44	41464-39-5	ppt	15	11	73	22.7	98,900	12.5	60.3	8,300	8,310	25,500	24,600	178	49.0	G/Ln	G/Ln
PCB-45	70362-45-7	ppt	15	8	53	4.53	15,600	7.84	60.3	1,290	1,290	4,030	3,890	40.5	24.8	G/Ln	NP
PCB-46	41464-47-5	ppt	15	8	53	3.49	6,350	7.84	60.3	533	530	1,640	1,580	27.4	24.8	G/Ln	NP

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-47	2437-79-8	ppt	15	10	67	8.71	37,000	12.5	60.3	3,000	3,000	9,490	9,170	90.1	24.8	G/Ln	G/Ln
PCB-48/75	70362-47-9/3259	ppt	15	9	60	7.85	19,100	7.84	60.3	1,630	1,630	4,940	4,780	52.0	24.8	G/Ln	G/Ln
PCB-5/8	PCB-5/8	ppt	15	10	67	12.3	20,500	15.7	121	1,820	1,820	5,320	5,140	96.0	49.6	G/Ln	G
PCB-50	62796-65-0	ppt	15	3	20	10.6	185	2.45	60.3	23.0	--	46.5	--	8.44	6.25	--	--
PCB-51	68194-04-7	ppt	15	8	53	3.27	5,430	7.84	60.3	452	450	1,400	1,350	28.1	24.8	G/Ln	NP
PCB-52/69	35693-99-3/6023	ppt	15	14	93	6.43	126,000	60.3	60.3	10,700	10,700	32,400	31,300	224	53.8	Ln	G/Ln
PCB-53	41464-41-9	ppt	15	10	67	8.20	15,400	7.84	60.3	1,280	1,280	3,970	3,840	50.3	24.8	G/Ln	G/Ln
PCB-54	15968-05-5	ppt	15	2	13	9.20	39.6	2.45	60.3	10.8	--	11.4	--	6.80	6.25	--	--
PCB-55	74338-24-2	ppt	15	5	33	8.22	921	2.45	60.3	92.1	92.1	237	229	13.2	6.25	G/Ln	NP
PCB-56/60	PCB-56/60	ppt	15	11	73	12.3	52,500	12.5	60.3	4,420	4,420	13,600	13,100	104	24.8	G/Ln	G/Ln
PCB-57	70424-67-8	ppt	15	5	33	3.78	458	2.45	60.3	44.1	41.4	116	113	9.59	6.25	G/Ln	NP
PCB-58	41464-49-7	ppt	15	4	27	8.08	308	2.45	60.3	30.8	--	77.4	--	8.75	6.25	--	--
PCB-6	25569-80-6	ppt	15	7	47	5.53	4,520	4.90	121	415	409	1,160	1,120	42.3	41.7	G/Ln	Ln
PCB-61/70	PCB-61/70	ppt	15	12	80	3.76	116,000	12.5	60.3	9,500	9,500	29,800	28,800	166	43.9	G/Ln	G/Ln
PCB-62	54230-22-7	ppt	15	0	0	--	--	2.45	60.3	--	--	--	--	--	--	--	--
PCB-63	74472-34-7	ppt	15	6	40	10.9	3,510	2.45	60.3	290	291	902	871	18.2	10.9	G/Ln	NP
PCB-65	33284-54-7	ppt	15	0	0	--	--	2.45	60.3	--	--	--	--	--	--	--	--
PCB-67	73575-53-8	ppt	15	6	40	8.87	3,030	2.45	60.3	254	254	777	751	18.2	8.87	G/Ln	NP
PCB-68	73575-52-7	ppt	15	5	33	3.93	435	2.45	60.3	41.3	39.2	110	107	9.34	6.25	G/Ln	NP
PCB-7/9	PCB-7/9	ppt	15	5	33	34.5	2,050	4.90	121	192	204	523	501	28.4	12.5	G/Ln	NP
PCB-73	74338-23-1	ppt	15	0	0	--	--	2.45	60.3	--	--	--	--	--	--	--	--
PCB-74	32690-93-0	ppt	15	11	73	9.78	47,400	12.5	60.3	3,890	3,890	12,200	11,800	90.9	24.8	G/Ln	G/Ln
PCB-76/66	PCB-76/66	ppt	15	12	80	3.82	98,400	12.5	60.3	7,890	7,890	25,300	24,400	146	34.3	G/Ln	G/Ln
PCB-77	32598-13-3	ppt	15	9	60	3.75	12,100	7.84	60.3	1,010	1,010	3,100	3,000	35.0	24.8	G/Ln	G
PCB-78	70362-49-1	ppt	15	4	27	6.52	269	2.45	60.3	32.0	--	68.6	--	9.35	6.25	--	--
PCB-79	41464-48-6	ppt	15	5	33	8.40	1,660	2.45	60.3	176	176	451	436	14.8	6.25	N/G/Ln	NP
PCB-80	33284-52-5	ppt	15	0	0	--	--	2.45	60.3	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt	15	4	27	7.35	82.1	2.45	60.3	18.1	--	24.0	--	8.45	6.25	--	--
PCB-82	52663-62-4	ppt	15	9	60	2.53	9,000	7.84	60.3	817	815	2,330	2,260	35.6	24.8	G/Ln	G
PCB-83	60145-20-2	ppt	15	2	13	15.8	33.4	2.45	60.3	10.6	--	10.5	--	6.76	6.20	--	--
PCB-84/92	52663-60-2/5266	ppt	15	11	73	10.5	40,300	12.5	60.3	3,520	3,520	10,400	10,000	95.7	28.3	G/Ln	G
PCB-85/116	PCB-85/116	ppt	15	10	67	4.06	15,200	7.84	60.3	1,310	1,300	3,910	3,780	47.8	24.8	G/Ln	G
PCB-86	55312-69-1	ppt	15	3	20	12.0	195	2.45	60.3	22.5	--	48.7	--	8.17	6.25	--	--
PCB-87/117/125	38380-02-8/6819	ppt	15	11	73	6.60	27,300	12.5	60.3	2,510	2,500	7,070	6,840	78.4	28.1	G/Ln	G
PCB-88/91	PCB-88/91	ppt	15	9	60	6.41	18,200	7.84	60.3	1,640	1,640	4,700	4,540	53.0	24.8	G/Ln	G
PCB-89	73575-57-2	ppt	15	5	33	7.37	1,120	2.45	60.3	107	106	291	281	12.8	6.25	G/Ln	NP
PCB-90/101	PCB-90/101	ppt	15	13	87	4.53	95,800	12.5	49.6	8,640	8,640	24,700	23,900	186	42.2	Ln	G/Ln
PCB-93	73575-56-1	ppt	15	0	0	--	--	2.45	60.3	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt	15	5	33	3.53	517	2.45	60.3	51.0	48.1	132	128	10.1	6.25	G/Ln	NP

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-95/98/102	38379-99-6/6023	ppt	15	11	73	18.5	75,700	12.5	60.3	6,740	6,740	19,500	18,800	157	32.5	G/Ln	G/Ln
PCB-96	73575-54-9	ppt	15	5	33	4.07	705	2.45	60.3	66.3	63.5	180	174	10.8	6.25	G/Ln	NP
PCB-97	41464-51-1	ppt	15	10	67	9.00	30,700	7.84	60.3	2,680	2,680	7,900	7,630	75.9	24.8	G/Ln	G/Ln
PCB-99	38380-01-7	ppt	15	11	73	14.0	50,000	12.5	60.3	4,580	4,580	12,900	12,500	115	29.5	G/Ln	G/Ln
Total Congener PCBs (209)	No CAS	ppt	15	15	100	184	2,610,000	--	--	231,000	231,000	671,000	671,000	5,050	1,030	NP	NP
Total Congener PCBs (NOAA 1989)	No CAS	ppt	15	15	100	97.0	2,030,000	--	--	181,000	181,000	522,000	522,000	3,600	797	Ln	Ln
Subsurface (>3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	6	6	100	17.4	56.8	--	--	32.0	32.0	13.4	13.4	29.9	30.3	--	--
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	6	5	83	0.288	152	0.213	0.213	45.1	--	61.5	--	6.33	16.5	--	--
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	6	4	67	0.738	11.9	0.0589	0.0650	3.60	--	4.72	--	0.715	1.61	--	--
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	6	6	100	0.538	1.29	--	--	0.865	0.900	0.305	0.300	0.822	0.785	--	--
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	6	4	67	2.05	29.3	0.0867	0.118	9.36	--	11.7	--	1.65	5.03	--	--
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	6	6	100	0.916	3.74	--	--	1.94	1.90	1.20	1.20	1.65	1.60	--	--
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	6	4	67	1.36	25.7	0.0692	0.0849	8.16	--	10.7	--	1.27	3.11	--	--
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	6	6	100	1.02	2.77	--	--	1.83	1.80	0.606	0.600	1.74	1.68	--	--
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	6	4	67	0.540	4.50	0.0433	0.0639	1.59	--	1.78	--	0.447	1.13	--	--
1,2,3,7,8-PeCDD	40321-76-4	ppt	6	6	100	0.323	1.66	--	--	0.852	0.900	0.539	0.500	0.710	0.751	--	--
1,2,3,7,8-PeCDF	57117-41-6	ppt	6	4	67	1.61	10.3	0.136	0.189	4.17	--	4.22	--	1.28	3.66	--	--
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	6	4	67	1.12	13.2	0.0588	0.0746	4.20	--	5.15	--	0.872	2.53	--	--
2,3,4,7,8-PeCDF	57117-31-4	ppt	6	4	67	2.17	14.1	0.128	0.169	5.19	--	5.49	--	1.44	4.52	--	--
2,3,7,8-TCDD	1746-01-6	ppt	6	4	67	0.327	3.19	0.162	0.192	0.976	--	1.21	--	0.445	0.474	--	--
2,3,7,8-TCDF	51207-31-9	ppt	6	4	67	3.58	12.1	0.0476	0.0918	5.53	--	5.06	--	1.24	5.97	--	--
OCDD	3268-87-9	ppt	6	6	100	609	1,670	--	--	1,060	1,060	440	440	986	982	--	--
OCDF	39001-02-0	ppt	6	5	83	0.463	133	0.376	0.376	41.2	--	51.4	--	8.31	24.1	--	--
Total HpCDD	37871-00-4	ppt	6	6	100	57.9	140	--	--	93.0	93.0	27.1	27.1	89.8	88.3	--	--
Total HpCDF	38998-75-3	ppt	6	5	83	0.288	231	0.213	0.213	66.0	--	92.0	--	8.21	24.2	--	--
Total HxCDD	34465-46-8	ppt	6	6	100	26.4	55.7	--	--	42.5	42.5	9.49	9.50	41.5	43.1	--	--
Total HxCDF	55684-94-1	ppt	6	6	100	0.258	221	--	--	65.5	65.5	87.3	87.3	10.4	29.1	--	--
Total PeCDD	36088-22-9	ppt	6	6	100	9.35	26.8	--	--	16.6	16.6	7.70	7.70	15.1	15.5	--	--
Total PeCDF	30402-15-4	ppt	6	6	100	1.84	161	--	--	56.2	56.2	62.0	62.0	20.7	41.1	--	--
Total TCDD	41903-57-5	ppt	6	6	100	5.95	26.5	--	--	14.6	14.6	8.49	8.50	12.4	14.3	--	--
Total TCDF	55722-27-5	ppt	6	6	100	1.79	155	--	--	68.5	68.5	63.0	63.0	25.3	70.6	--	--
Congener PCBs																	
PCB-1	2051-60-7	ppt	6	3	50	32.1	59.9	8.22	25.8	27.4	--	24.2	--	16.8	22.5	--	--
PCB-100	39485-83-1	ppt	6	2	33	7.24	21.8	8.22	25.8	10.4	--	6.73	--	8.68	9.67	--	--
PCB-103	60145-21-3	ppt	6	2	33	18.6	60.6	8.22	25.8	18.8	--	21.2	--	12.1	12.5	--	--
PCB-104	56558-16-8	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-105	32598-14-4	ppt	6	5	83	14.5	797	25.8	25.8	210	--	312	--	65.8	53.0	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-106/118	PCB-106/118	ppt	6	6	100	16.6	2,370	--	--	607	607	931	931	161	143	--	--
PCB-107/109	70424-68-9/7447	ppt	6	2	33	63.4	166	8.22	25.8	43.8	--	63.9	--	17.5	12.5	--	--
PCB-108/112	70362-41-3/7447	ppt	6	3	50	13.2	99.0	8.22	25.8	30.3	--	37.4	--	15.5	13.1	--	--
PCB-11	2050-67-1	ppt	6	3	50	17.6	258	16.4	51.5	62.9	--	96.3	--	31.7	25.0	--	--
PCB-110	38380-03-9	ppt	6	6	100	21.8	2,890	--	--	737	737	1,140	1,140	202	166	--	--
PCB-111/115	PCB-111/115	ppt	6	2	33	21.1	53.3	8.22	25.8	18.0	--	18.4	--	12.0	12.5	--	--
PCB-113	68194-10-5	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-114	74472-37-0	ppt	6	2	33	20.0	45.8	8.22	25.8	16.5	--	15.5	--	11.6	12.5	--	--
PCB-119	56558-17-9	ppt	6	3	50	16.2	77.2	8.22	25.8	24.2	--	27.7	--	14.3	14.6	--	--
PCB-12/13	PCB-12/13	ppt	6	3	50	36.4	84.5	16.4	51.5	40.1	--	33.5	--	27.4	31.1	--	--
PCB-120	68194-12-7	ppt	6	1	17	12.8	12.8	8.22	25.8	9.61	--	4.24	--	8.58	11.8	--	--
PCB-121	56558-18-0	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt	6	1	17	23.1	23.1	8.22	25.8	11.3	--	6.99	--	9.47	11.8	--	--
PCB-123	65510-44-3	ppt	6	2	33	13.1	40.5	8.22	25.8	14.5	--	13.4	--	10.6	12.5	--	--
PCB-124	70424-70-3	ppt	6	2	33	48.7	97.9	8.22	25.8	30.0	--	37.2	--	15.3	12.5	--	--
PCB-126	57465-28-8	ppt	6	1	17	12.3	12.3	8.22	25.8	9.52	--	4.17	--	8.53	11.8	--	--
PCB-127	39635-33-1	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-128/162	PCB-128/162	ppt	6	4	67	9.55	383	8.22	25.8	101	--	150	--	32.5	26.0	--	--
PCB-129	55215-18-4	ppt	6	3	50	14.1	103	8.22	25.8	31.0	--	38.8	--	15.8	13.5	--	--
PCB-130	52663-66-8	ppt	6	2	33	75.5	181	8.22	25.8	48.3	--	70.4	--	18.3	12.5	--	--
PCB-131	61798-70-7	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-132/161	38380-05-1/7447	ppt	6	5	83	10.2	832	25.8	25.8	200	--	324	--	57.4	41.0	--	--
PCB-133/142	PCB-133/142	ppt	6	3	50	14.7	113	8.22	25.8	35.5	--	44.1	--	17.0	13.8	--	--
PCB-134/143	PCB-134/143	ppt	6	3	50	12.3	152	8.22	25.8	39.5	--	57.9	--	16.7	12.6	--	--
PCB-135	52744-13-5	ppt	6	4	67	10.5	545	8.22	25.8	132	--	211	--	37.3	32.7	--	--
PCB-136	38411-22-2	ppt	6	4	67	10.7	642	8.22	25.8	148	--	250	--	38.2	31.9	--	--
PCB-137	35694-06-5	ppt	6	2	33	48.7	129	8.22	25.8	35.2	--	48.9	--	16.0	12.5	--	--
PCB-138/163/164	35065-28-2/7447	ppt	6	6	100	17.2	3,820	--	--	890	890	1,490	1,490	188	183	--	--
PCB-139/149	PCB-139/149	ppt	6	6	100	18.8	3,980	--	--	994	994	1,550	1,550	218	300	--	--
PCB-14	34883-41-5	ppt	6	0	0	--	--	16.4	51.5	--	--	--	--	--	--	--	--
PCB-140	59291-64-4	ppt	6	2	33	12.5	25.5	8.22	25.8	11.9	--	7.82	--	9.76	12.3	--	--
PCB-141	52712-04-6	ppt	6	3	50	12.7	799	8.22	25.8	183	--	317	--	34.4	12.8	--	--
PCB-144	68194-14-9	ppt	6	3	50	26.8	216	8.22	25.8	57.2	--	82.7	--	21.6	19.9	--	--
PCB-145	74472-40-5	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-146/165	51908-16-8/7447	ppt	6	4	67	10.2	649	8.22	25.8	178	--	257	--	46.0	52.0	--	--
PCB-147	68194-13-8	ppt	6	2	33	31.7	92.8	8.22	25.8	26.3	--	34.1	--	14.1	12.5	--	--
PCB-148	74472-41-6	ppt	6	2	33	24.1	30.6	8.22	25.8	14.7	--	10.7	--	11.2	12.5	--	--
PCB-15	2050-68-2	ppt	6	5	83	24.1	314	16.4	16.4	138	--	127	--	74.5	112	--	--
PCB-150	68194-08-1	ppt	6	2	33	10.7	26.5	8.22	25.8	11.8	--	8.18	--	9.57	11.4	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-151	52663-63-5	ppt	6	5	83	8.91	1,330	8.22	8.22	391	--	522	--	74.6	200	--	--
PCB-152	68194-09-2	ppt	6	1	17	7.77	7.77	8.22	25.8	8.77	--	3.97	--	7.90	9.64	--	--
PCB-153	35065-27-1	ppt	6	6	100	22.5	5,300	--	--	1,510	1,510	2,070	2,070	300	711	--	--
PCB-154	60145-22-4	ppt	6	3	50	12.9	176	8.22	25.8	53.5	--	72.8	--	19.6	12.9	--	--
PCB-155	33979-03-2	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-156	38380-08-4	ppt	6	3	50	32.7	291	8.22	25.8	75.3	--	113	--	24.7	22.8	--	--
PCB-157	69782-90-7	ppt	6	1	17	199	199	8.22	25.8	40.6	--	77.7	--	13.6	11.8	--	--
PCB-158/160	74472-42-7/4141	ppt	6	3	50	31.3	365	8.22	25.8	88.6	--	142	--	25.8	22.1	--	--
PCB-159	39635-35-3	ppt	6	3	50	188	202	8.22	25.8	101	--	103	--	34.5	100	--	--
PCB-16/32	PCB-16/32	ppt	6	4	67	29.0	319	8.22	25.8	85.4	--	119	--	36.9	42.8	--	--
PCB-166	41411-63-6	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-167	52663-72-6	ppt	6	3	50	15.9	118	8.22	25.8	34.6	--	44.6	--	16.7	14.4	--	--
PCB-168	59291-65-5	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-169	32774-16-6	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-17	37680-66-3	ppt	6	4	67	17.3	237	8.22	25.8	62.1	--	88.3	--	28.3	27.3	--	--
PCB-170	35065-30-6	ppt	6	4	67	18.0	1,610	8.22	25.8	399	--	624	--	76.2	139	--	--
PCB-171	52663-71-5	ppt	6	3	50	69.6	465	8.22	25.8	117	--	179	--	32.0	41.3	--	--
PCB-172	52663-74-8	ppt	6	3	50	138	560	8.22	25.8	179	--	231	--	42.8	75.4	--	--
PCB-173	68194-16-1	ppt	6	1	17	39.4	39.4	8.22	25.8	14.0	--	13.0	--	10.4	11.8	--	--
PCB-174	38411-25-5	ppt	6	5	83	15.5	2,440	8.22	8.22	1,010	--	1,110	--	150	876	--	--
PCB-175	40186-70-7	ppt	6	3	50	56.7	202	8.22	25.8	68.8	--	81.8	--	26.4	34.8	--	--
PCB-176	52663-65-7	ppt	6	3	50	134	354	8.22	25.8	116	--	140	--	35.5	73.4	--	--
PCB-177	52663-70-4	ppt	6	5	83	8.83	1,310	8.22	8.22	431	--	530	--	76.6	269	--	--
PCB-178	52663-67-9	ppt	6	3	50	552	1,080	8.22	25.8	413	--	475	--	69.3	282	--	--
PCB-179	52663-64-6	ppt	6	5	83	8.54	1,640	8.22	8.22	691	--	762	--	100	626	--	--
PCB-18	37680-65-2	ppt	6	6	100	10.4	333	--	--	101	101	119	119	59.5	57.7	--	--
PCB-180	35065-29-3	ppt	6	6	100	10.2	7,020	--	--	3,390	3,390	3,680	3,680	419	3,320	--	--
PCB-181	74472-47-2	ppt	6	2	33	16.3	16.4	8.22	25.8	11.0	--	5.57	--	9.48	12.5	--	--
PCB-182/187	PCB-182/187	ppt	6	6	100	9.33	7,080	--	--	3,430	3,430	3,730	3,730	377	3,340	--	--
PCB-183	52663-69-1	ppt	6	5	83	10.6	2,120	8.22	8.22	826	--	936	--	112	646	--	--
PCB-184	74472-48-3	ppt	6	1	17	13.9	13.9	8.22	25.8	9.87	--	4.47	--	8.76	12.1	--	--
PCB-185	52712-05-7	ppt	6	3	50	352	410	8.22	25.8	193	--	204	--	47.9	182	--	--
PCB-186	74472-49-4	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt	6	2	33	38.0	55.6	8.22	25.8	21.2	--	21.0	--	13.4	12.5	--	--
PCB-189	39635-31-9	ppt	6	2	33	41.7	73.4	8.22	25.8	24.7	--	27.6	--	14.2	12.5	--	--
PCB-19	38444-73-4	ppt	6	1	17	49.1	49.1	8.22	25.8	15.7	--	16.9	--	10.7	11.8	--	--
PCB-190	41411-64-7	ppt	6	3	50	137	376	8.22	25.8	121	--	148	--	36.1	74.9	--	--
PCB-191	74472-50-7	ppt	6	2	33	38.2	86.4	8.22	25.8	26.3	--	32.0	--	14.4	12.5	--	--
PCB-192	74472-51-8	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-193	69782-91-8	ppt	6	3	50	140	299	8.22	25.8	112	--	125	--	35.4	76.4	--	--
PCB-194	35694-08-7	ppt	6	5	83	10.4	6,160	8.22	8.22	2,720	--	3,000	--	251	2,310	--	--
PCB-195	52663-78-2	ppt	6	3	50	927	974	8.22	25.8	480	--	519	--	76.1	470	--	--
PCB-196/203	PCB-196/203	ppt	6	5	83	13.8	15,500	8.22	8.22	6,380	--	7,310	--	446	4,370	--	--
PCB-197	33091-17-7	ppt	6	3	50	130	213	8.22	25.8	95.2	--	101	--	33.0	71.4	--	--
PCB-198	68194-17-2	ppt	6	3	50	411	1,210	8.22	25.8	455	--	562	--	70.4	212	--	--
PCB-199	52663-75-9	ppt	6	5	83	15.0	21,900	8.22	8.22	8,480	--	10,100	--	514	4,870	--	--
PCB-2	2051-61-8	ppt	6	6	100	13.5	111	--	--	59.5	59.5	40.8	40.8	45.2	62.5	--	--
PCB-20/21/33	38444-84-7/5570	ppt	6	5	83	8.43	260	25.8	25.8	73.1	--	95.3	--	37.7	41.4	--	--
PCB-200	52663-73-7	ppt	6	3	50	509	799	8.22	25.8	333	--	369	--	62.8	261	--	--
PCB-201	40186-71-8	ppt	6	4	67	10.9	1,770	8.22	8.47	750	--	855	--	91.3	515	--	--
PCB-202	2136-99-4	ppt	6	4	67	24.8	13,100	8.22	8.47	4,220	--	5,740	--	227	1,260	--	--
PCB-204	74472-52-9	ppt	6	2	33	40.2	41.2	8.22	25.8	19.1	--	17.1	--	12.8	12.5	--	--
PCB-205	74472-53-0	ppt	6	3	50	142	313	8.22	25.8	125	--	141	--	37.4	77.4	--	--
PCB-206	40186-72-9	ppt	6	4	67	79.8	52,100	8.22	8.47	15,600	--	22,000	--	521	4,220	--	--
PCB-207	52663-79-3	ppt	6	3	50	760	2,540	8.22	25.8	862	--	1,090	--	96.4	386	--	--
PCB-208	52663-77-1	ppt	6	4	67	19.7	22,200	8.22	8.47	6,420	--	9,500	--	247	1,060	--	--
PCB-209	2051-24-3	ppt	6	4	67	41.8	42,100	8.22	8.47	10,300	--	17,100	--	306	776	--	--
PCB-22	38444-85-8	ppt	6	4	67	16.9	169	8.22	25.8	50.1	--	61.4	--	26.6	29.5	--	--
PCB-23	55720-44-0	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-24/27	PCB-24/27	ppt	6	2	33	10.8	50.6	8.22	25.8	15.8	--	17.5	--	10.7	11.4	--	--
PCB-25	55712-37-3	ppt	6	3	50	10.2	84.5	8.22	25.8	23.9	--	30.1	--	14.8	12.5	--	--
PCB-26	38444-81-4	ppt	6	4	67	13.6	112	8.22	25.8	34.1	--	39.7	--	20.6	20.9	--	--
PCB-28	7012-37-5	ppt	6	6	100	14.7	809	--	--	203	203	303	303	89.0	86.8	--	--
PCB-29	15862-07-4	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-3	2051-62-9	ppt	6	4	67	37.1	137	8.22	8.47	68.2	--	61.6	--	32.1	63.9	--	--
PCB-30	35693-92-6	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-31	16606-02-3	ppt	6	6	100	13.3	553	--	--	166	166	203	203	83.7	110	--	--
PCB-34	37680-68-5	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-35	37680-69-6	ppt	6	1	17	26.1	26.1	8.22	25.8	11.8	--	8.03	--	9.67	11.8	--	--
PCB-36	38444-87-0	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-37	38444-90-5	ppt	6	4	67	16.2	196	8.22	25.8	55.5	--	71.9	--	27.7	31.5	--	--
PCB-38	53555-66-1	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-39	38444-88-1	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-4/10	PCB-4/10	ppt	6	1	17	65.7	65.7	16.4	51.5	25.9	--	21.0	--	20.1	23.6	--	--
PCB-40	38444-93-8	ppt	6	4	67	9.19	58.7	8.22	25.8	22.2	--	19.9	--	15.8	15.8	--	--
PCB-41/64/71/72	52663-59-9/5266	ppt	6	6	100	14.4	652	--	--	170	170	245	245	72.6	68.9	--	--
PCB-42/59	36559-22-5/7447	ppt	6	4	67	18.1	315	8.22	25.8	82.5	--	119	--	33.5	32.8	--	--
PCB-43/49	PCB-43/49	ppt	6	6	100	17.2	1,010	--	--	258	258	387	387	92.8	83.1	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-44	41464-39-5	ppt	6	6	100	18.3	973	--	--	264	264	373	373	101	97.1	--	--
PCB-45	70362-45-7	ppt	6	4	67	9.45	102	8.22	25.8	29.9	--	36.9	--	17.5	14.4	--	--
PCB-46	41464-47-5	ppt	6	2	33	18.6	48.2	8.22	25.8	16.7	--	16.4	--	11.6	12.5	--	--
PCB-47	2437-79-8	ppt	6	4	67	26.5	350	9.98	25.8	88.2	--	132	--	36.1	32.4	--	--
PCB-48/75	70362-47-9/3259	ppt	6	4	67	9.70	173	8.22	25.8	47.8	--	64.6	--	22.9	19.7	--	--
PCB-5/8	PCB-5/8	ppt	6	3	50	19.9	148	16.4	58.6	45.8	--	51.4	--	30.5	27.5	--	--
PCB-50	62796-65-0	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-51	68194-04-7	ppt	6	2	33	14.4	33.6	8.22	25.8	13.6	--	10.8	--	10.5	12.5	--	--
PCB-52/69	35693-99-3/6023	ppt	6	6	100	20.2	2,530	--	--	804	804	980	980	295	429	--	--
PCB-53	41464-41-9	ppt	6	4	67	12.6	118	8.22	25.8	34.6	--	42.4	--	20.1	18.0	--	--
PCB-54	15968-05-5	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-55	74338-24-2	ppt	6	1	17	18.1	18.1	8.22	25.8	10.5	--	5.43	--	9.09	11.8	--	--
PCB-56/60	PCB-56/60	ppt	6	6	100	10.6	438	--	--	120	120	165	165	51.1	52.8	--	--
PCB-57	70424-67-8	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-58	41464-49-7	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-6	25569-80-6	ppt	6	1	17	40.8	40.8	16.4	51.5	21.7	--	12.2	--	18.5	23.6	--	--
PCB-61/70	PCB-61/70	ppt	6	6	100	17.1	1,260	--	--	323	323	485	485	107	107	--	--
PCB-62	54230-22-7	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-63	74472-34-7	ppt	6	2	33	12.6	34.6	8.22	25.8	13.4	--	11.2	--	10.3	12.4	--	--
PCB-65	33284-54-7	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-67	73575-53-8	ppt	6	2	33	9.29	24.4	8.22	25.8	11.2	--	7.49	--	9.22	10.7	--	--
PCB-68	73575-52-7	ppt	6	1	17	11.4	11.4	8.22	25.8	9.37	--	4.06	--	8.42	11.4	--	--
PCB-7/9	PCB-7/9	ppt	6	0	0	--	--	16.4	51.5	--	--	--	--	--	--	--	--
PCB-73	74338-23-1	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-74	32690-93-0	ppt	6	6	100	7.49	491	--	--	124	124	188	188	43.0	45.0	--	--
PCB-76/66	PCB-76/66	ppt	6	6	100	13.9	945	--	--	234	234	362	362	80.1	77.7	--	--
PCB-77	32598-13-3	ppt	6	3	50	19.8	98.8	8.22	25.8	28.8	--	36.0	--	15.6	16.4	--	--
PCB-78	70362-49-1	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-79	41464-48-6	ppt	6	1	17	43.1	43.1	8.22	25.8	14.7	--	14.5	--	10.5	11.8	--	--
PCB-80	33284-52-5	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt	6	1	17	10.5	10.5	8.22	25.8	9.22	--	3.99	--	8.30	11.0	--	--
PCB-82	52663-62-4	ppt	6	3	50	34.0	217	8.22	25.8	60.9	--	83.5	--	23.1	23.5	--	--
PCB-83	60145-20-2	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-84/92	52663-60-2/5266	ppt	6	6	100	7.05	983	--	--	257	257	387	387	70.0	63.1	--	--
PCB-85/116	PCB-85/116	ppt	6	5	83	9.85	383	25.8	25.8	98.3	--	148	--	37.7	23.0	--	--
PCB-86	55312-69-1	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-87/117/125	38380-02-8/6819	ppt	6	5	83	16.1	741	25.8	25.8	205	--	291	--	71.2	60.5	--	--
PCB-88/91	PCB-88/91	ppt	6	4	67	12.2	431	8.22	25.8	106	--	167	--	33.1	23.0	--	--
PCB-89	73575-57-2	ppt	6	1	17	22.3	22.3	8.22	25.8	11.2	--	6.72	--	9.42	11.8	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-90/101	PCB-90/101	ppt	6	6	100	34.1	3,010	--	--	768	768	1,170	1,170	221	200	--	--
PCB-93	73575-56-1	ppt	6	0	0	--	--	8.22	25.8	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt	6	1	17	13.5	13.5	8.22	25.8	9.72	--	4.35	--	8.66	11.8	--	--
PCB-95/98/102	38379-99-6/6023	ppt	6	6	100	19.8	2,160	--	--	541	541	845	845	147	129	--	--
PCB-96	73575-54-9	ppt	6	1	17	12.0	12.0	8.22	25.8	9.47	--	4.13	--	8.49	11.8	--	--
PCB-97	41464-51-1	ppt	6	5	83	14.5	748	25.8	25.8	194	--	292	--	62.8	46.8	--	--
PCB-99	38380-01-7	ppt	6	5	83	19.9	1,420	25.8	25.8	342	--	555	--	89.6	68.1	--	--
Total Congener PCBs (209)	No CAS	ppt	6	6	100	566	258,000	--	--	82,300	82,300	107,000	107,000	12,300	36,500	--	--
Total Congener PCBs (NOAA 1989)	No CAS	ppt	6	6	100	517	264,000	--	--	78,600	78,600	107,000	107,000	11,100	29,000	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	45	14	31	0.11	32.0	0.11	1.2	1.8	1.8	5.3	5.2	0.58	0.41	Ln	NP
Metals																	
Aluminum	7429-90-5	ppm	62	62	100	1,160	19,300	--	--	9,250	9,250	4,420	4,420	8,020	9,470	N/G	N/G
Antimony	7440-36-0	ppm	62	19	31	0.77	62.5	0.39	156	5.7	4.0	13.4	9.7	1.7	1.2	Ln	NP
Arsenic	7440-38-2	ppm	62	62	100	0.63	94.4	--	--	13.6	13.6	17.4	17.4	8.7	8.7	Ln	Ln
Barium	7440-39-3	ppm	62	62	100	10.2	2,400	--	--	147	147	298	298	94.6	103	Ln	Ln
Beryllium	7440-41-7	ppm	62	35	57	0.12	5.7	0.010	1.4	0.67	0.69	0.71	0.70	0.52	0.49	NP	NP
Cadmium	7440-43-9	ppm	62	26	42	0.080	9.6	0.039	1.4	0.75	0.71	1.6	1.6	0.21	0.32	G/Ln	NP
Calcium	7440-70-2	ppm	62	62	100	1,370	55,900	--	--	12,400	12,400	13,500	13,500	8,050	6,690	Ln	Ln
Chromium	7440-47-3	ppm	99	99	100	5.0	2,460	--	--	206	206	353	353	92.6	116	NP	NP
Cobalt	7440-48-4	ppm	62	56	90	0.66	10,200	6.3	14.0	174	174	1,290	1,280	9.1	8.9	NP	NP
Copper	7440-50-8	ppm	62	62	100	7.6	1,550	--	--	157	157	243	243	79.9	90.1	Ln	Ln
Iron	7439-89-6	ppm	62	62	100	3,590	60,600	--	--	24,500	24,500	10,600	10,600	21,800	25,300	N	N
Lead	7439-92-1	ppm	62	62	100	7.2	883	--	--	174	174	192	192	91.2	129	G	G
Magnesium	7439-95-4	ppm	62	62	100	1,610	33,400	--	--	6,280	6,280	4,260	4,260	5,480	5,750	G/Ln	G/Ln
Manganese	7439-96-5	ppm	62	62	100	64.9	983	--	--	381	381	209	209	327	345	G/Ln	G/Ln
Mercury	7439-97-6	ppm	62	55	89	0.027	79.2	0.0	0.0090	4.0	4.0	11.8	11.7	0.77	0.99	NP	NP
Nickel	7440-02-0	ppm	62	62	100	2.3	3,450	--	--	86.8	86.8	435	435	27.3	27.5	NP	NP
Potassium	7440-09-7	ppm	62	62	100	63.0	4,530	--	--	1,930	1,930	997	997	1,610	1,960	N/G	N/G
Selenium	7782-49-2	ppm	62	37	60	0.085	6.5	0.41	5.5	1.6	1.5	1.5	1.6	1.00	1.3	G	N
Silver	7440-22-4	ppm	60	44	73	0.22	11.3	0.094	2.9	1.5	1.5	1.7	1.7	0.94	1.3	G/Ln	Ln
Sodium	7440-23-5	ppm	62	62	100	600	12,100	--	--	4,240	4,240	2,750	2,750	3,520	3,090	Ln	Ln
Thallium	7440-28-0	ppm	62	4	7	0.071	1.8	0.63	51.5	1.2	--	3.2	--	0.69	0.73	--	--
Titanium	7440-32-6	ppm	4	4	100	153	257	--	--	204	204	56.4	56.4	198	204	--	--
Vanadium	7440-62-2	ppm	62	62	100	4.6	67.1	--	--	29.4	29.4	13.0	13.0	26.1	29.0	N	N
Zinc	7440-66-6	ppm	62	62	100	30.1	3,630	--	--	339	339	516	516	196	236	NP	NP
Mid-depth (0.5 - 3.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	30	5	17	0.61	16.0	0.23	1.1	1.0	1.2	2.9	2.8	0.47	0.39	G/Ln	NP
Metals																	
Aluminum	7429-90-5	ppm	34	34	100	734	20,800	--	--	11,500	11,500	5,420	5,420	9,460	11,800	N	N
Antimony	7440-36-0	ppm	34	14	41	0.96	5.8	0.38	3.1	1.4	1.6	1.4	1.2	0.93	1.0	Ln	NP
Arsenic	7440-38-2	ppm	34	33	97	0.70	197	0.45	0.45	33.8	33.8	49.9	49.1	12.2	10.7	Ln	Ln
Barium	7440-39-3	ppm	34	34	100	4.3	417	--	--	121	121	87.4	87.4	84.7	117	G	G
Beryllium	7440-41-7	ppm	34	26	77	0.086	3.6	0.010	0.88	0.71	0.73	0.60	0.59	0.47	0.59	NP	NP
Cadmium	7440-43-9	ppm	34	9	27	0.099	6.9	0.038	2.2	0.80	0.75	1.6	1.6	0.14	0.055	N/G/Ln	NP

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Calcium	7440-70-2	ppm	34	34	100	1,900	31,200	--	--	8,070	8,070	6,850	6,850	5,980	5,640	G/Ln	G/Ln
Chromium	7440-47-3	ppm	89	89	100	4.2	1,660	--	--	321	321	379	379	117	178	NP	NP
Cobalt	7440-48-4	ppm	34	34	100	0.18	21.4	--	--	10.5	10.5	5.0	5.0	8.3	10.4	N	N
Copper	7440-50-8	ppm	34	34	100	4.1	1,450	--	--	184	184	281	281	65.3	60.2	NP	NP
Iron	7439-89-6	ppm	34	34	100	1,990	73,000	--	--	27,900	27,900	13,300	13,300	23,400	30,000	NP	NP
Lead	7439-92-1	ppm	34	34	100	4.6	555	--	--	155	155	167	167	60.2	61.9	NP	NP
Magnesium	7439-95-4	ppm	34	34	100	1,630	14,000	--	--	6,750	6,750	2,900	2,900	6,100	6,030	N/G	N/G
Manganese	7439-96-5	ppm	34	34	100	47.6	934	--	--	441	441	254	254	357	403	G	G
Mercury	7439-97-6	ppm	35	19	54	0.015	55.0	0.0	0.0	4.3	4.3	10.4	10.2	1.1	0.026	NP	N
Nickel	7440-02-0	ppm	34	34	100	0.60	67.8	--	--	33.8	33.8	18.0	18.0	25.8	33.6	N	N
Potassium	7440-09-7	ppm	34	34	100	261	5,250	--	--	2,260	2,260	1,180	1,180	1,900	2,100	N/G	N/G
Selenium	7782-49-2	ppm	34	23	68	0.54	5.5	0.40	5.0	1.9	1.9	1.3	1.3	1.4	1.8	N/G/Ln	N/Ln
Silver	7440-22-4	ppm	34	25	74	0.29	6.7	0.092	0.80	1.7	1.8	1.7	1.6	0.83	1.3	N/G	N
Sodium	7440-23-5	ppm	34	34	100	831	15,800	--	--	3,650	3,650	2,960	2,960	2,900	2,710	G/Ln	G/Ln
Thallium	7440-28-0	ppm	34	1	3	1.1	1.1	0.61	4.0	0.73	--	0.38	--	0.65	0.70	--	--
Titanium	7440-32-6	ppm	4	4	100	344	538	--	--	438	438	87.7	87.7	431	434	--	--
Vanadium	7440-62-2	ppm	34	34	100	1.8	66.7	--	--	30.2	30.2	12.8	12.8	25.7	33.3	N	N
Zinc	7440-66-6	ppm	34	34	100	13.1	1,680	--	--	288	288	330	330	153	123	Ln	Ln
Subsurface (>3.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	15	0	0	--	--	0.36	0.98	--	--	--	--	--	--	--	--
Metals																	
Aluminum	7429-90-5	ppm	20	20	100	3,020	18,800	--	--	10,800	10,800	4,640	4,640	9,630	11,000	N/G	N/G
Antimony	7440-36-0	ppm	20	8	40	0.81	2.7	0.36	6.7	0.95	1.0	0.82	0.45	0.70	0.78	G/Ln	NP
Arsenic	7440-38-2	ppm	20	20	100	1.7	40.0	--	--	10.3	10.3	11.6	11.6	6.4	5.3	Ln	Ln
Barium	7440-39-3	ppm	20	20	100	17.3	387	--	--	146	146	86.1	86.1	118	151	N/G/Ln	N/G/Ln
Beryllium	7440-41-7	ppm	20	16	80	0.20	0.90	0.68	0.78	0.62	0.63	0.24	0.23	0.56	0.73	NP	NP
Cadmium	7440-43-9	ppm	20	2	10	0.29	2.5	0.040	0.95	0.25	--	0.56	--	0.069	0.035	--	--
Calcium	7440-70-2	ppm	20	20	100	872	23,600	--	--	10,500	10,500	7,110	7,110	7,310	10,600	N/G	N/G
Chromium	7440-47-3	ppm	137	136	99	3.5	3,170	6.4	6.4	473	473	658	655	119	224	NP	NP
Cobalt	7440-48-4	ppm	20	19	95	2.6	14.7	4.8	4.8	9.4	9.4	3.7	3.6	8.4	10.8	NP	NP
Copper	7440-50-8	ppm	20	20	100	6.0	366	--	--	65.1	65.1	96.3	96.3	31.3	23.0	NP	NP
Iron	7439-89-6	ppm	20	20	100	6,910	36,000	--	--	23,500	23,500	7,980	7,980	21,800	25,900	N	N
Lead	7439-92-1	ppm	20	20	100	3.3	245	--	--	52.9	52.9	79.0	79.0	21.9	14.7	NP	NP
Magnesium	7439-95-4	ppm	20	20	100	1,310	9,260	--	--	6,310	6,310	2,300	2,300	5,680	6,900	N	N
Manganese	7439-96-5	ppm	20	20	100	56.9	724	--	--	464	464	193	193	401	470	N/G	N/G
Mercury	7439-97-6	ppm	20	8	40	0.028	11.1	0.0	0.097	1.4	1.4	3.0	2.9	0.22	0.0098	N	N
Nickel	7440-02-0	ppm	20	20	100	6.4	37.0	--	--	22.1	22.1	8.3	8.3	20.1	23.7	N	N

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Potassium	7440-09-7	ppm	20	20	100	448	4,530	--	--	2,270	2,270	1,110	1,110	1,970	2,100	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm	20	9	45	1.2	2.6	0.38	6.5	1.2	1.5	0.90	0.42	0.84	0.95	N/G/Ln	NP
Silver	7440-22-4	ppm	20	11	55	0.33	2.4	0.11	1.6	0.70	0.78	0.67	0.58	0.39	0.63	N/G/Ln	N/Ln
Sodium	7440-23-5	ppm	20	20	100	152	12,700	--	--	2,370	2,370	3,310	3,310	947	491	NP	NP
Thallium	7440-28-0	ppm	20	0	0	--	--	0.58	3.3	--	--	--	--	--	--	--	--
Titanium	7440-32-6	ppm	2	2	100	526	538	--	--	532	532	8.5	8.5	532	532	--	--
Vanadium	7440-62-2	ppm	20	20	100	7.6	45.3	--	--	27.9	27.9	10.1	10.1	25.8	26.9	N/G	N/G
Zinc	7440-66-6	ppm	20	20	100	17.8	397	--	--	115	115	123	123	75.9	64.6	Ln	Ln

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	24	1	4	7.0	7.0	14	1,100	50	--	120	--	22	21	--	--
2,4,5-TP (Silvex)	93-72-1	ppb	24	2	8	11	16	25	1,100	50	--	120	--	23	21	--	--
2,4-D	94-75-7	ppb	24	0	0	--	--	55	2,500	--	--	--	--	--	--	--	--
2,4-DB	94-82-6	ppb	24	2	8	39	47	100	1,900	130	--	190	--	86	84	--	--
Organotins																	
Dibutyltin	1191-48-6	ppb	4	0	0	--	--	2.4	7.1	--	--	--	--	--	--	--	--
Monobutyltin	78763-54-9	ppb	4	0	0	--	--	1.9	7.1	--	--	--	--	--	--	--	--
Tetrabutyltin	1461-25-2	ppb	4	0	0	--	--	2.5	7.1	--	--	--	--	--	--	--	--
Tributyltin	688-73-3	ppb	4	0	0	--	--	2.5	7.1	--	--	--	--	--	--	--	--
PBDEs																	
BDE-1	BDE-1	ppb	3	1	33	0.040	0.040	0.030	0.043	0.025	--	0.013	--	0.023	0.022	--	--
BDE-10	BDE-10	ppb	3	0	0	--	--	0.00084	0.0066	--	--	--	--	--	--	--	--
BDE-100	BDE-100	ppb	3	3	100	0.037	0.086	--	--	0.061	0.061	0.025	0.025	0.057	0.060	--	--
BDE-105	BDE-105	ppb	1	0	0	--	--	0.0051	0.0051	--	--	--	--	--	--	--	--
BDE-116	BDE-116	ppb	3	0	0	--	--	0.0028	0.025	--	--	--	--	--	--	--	--
BDE-118	BDE-118	ppb	1	0	0	--	--	0.0024	0.0024	--	--	--	--	--	--	--	--
BDE-119	BDE-119	ppb	1	0	0	--	--	0.0013	0.0013	--	--	--	--	--	--	--	--
BDE-12/13	BDE-12/13	ppb	1	1	100	0.0073	0.0073	--	--	NA	--	NA	--	--	0.0073	--	--
BDE-126	BDE-126	ppb	3	0	0	--	--	0.0012	0.0096	--	--	--	--	--	--	--	--
BDE-138	BDE-138	ppb	3	0	0	--	--	0.0068	0.059	--	--	--	--	--	--	--	--
BDE-139	BDE-139	ppb	1	0	0	--	--	0.0083	0.0083	--	--	--	--	--	--	--	--
BDE-140	BDE-140	ppb	1	0	0	--	--	0.0089	0.0089	--	--	--	--	--	--	--	--
BDE-15	BDE-15	ppb	3	3	100	0.0084	0.093	--	--	0.040	0.040	0.046	0.046	0.025	0.019	--	--
BDE-153	BDE-153	ppb	3	1	33	0.044	0.044	0.047	0.055	0.032	--	0.011	--	0.030	0.027	--	--
BDE-154	BDE-154	ppb	3	2	67	0.029	0.054	0.032	0.032	0.033	--	0.019	--	0.029	0.029	--	--
BDE-155	BDE-155	ppb	3	1	33	0.0040	0.0040	0.025	0.030	0.010	--	0.0057	--	0.0090	0.013	--	--
BDE-156/169	BDE-156/169	ppb	1	0	0	--	--	0.013	0.013	--	--	--	--	--	--	--	--
BDE-166	BDE-166	ppb	1	0	0	--	--	0.011	0.011	--	--	--	--	--	--	--	--
BDE-17	BDE-17	ppb	3	3	100	0.020	0.060	--	--	0.044	0.044	0.021	0.021	0.040	0.051	--	--
BDE-179	BDE-179	ppb	1	0	0	--	--	0.024	0.024	--	--	--	--	--	--	--	--
BDE-181	BDE-181	ppb	3	0	0	--	--	0.017	0.065	--	--	--	--	--	--	--	--
BDE-183/176	BDE-183/176	ppb	1	1	100	0.30	0.30	--	--	NA	--	NA	--	--	0.30	--	--
BDE-188	BDE-188	ppb	1	0	0	--	--	0.014	0.014	--	--	--	--	--	--	--	--
BDE-190	BDE-190	ppb	1	0	0	--	--	0.026	0.026	--	--	--	--	--	--	--	--
BDE-191	BDE-191	ppb	1	0	0	--	--	0.034	0.034	--	--	--	--	--	--	--	--
BDE-196	BDE-196	ppb	1	1	100	0.68	0.68	--	--	NA	--	NA	--	--	0.68	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
BDE-197	BDE-197	ppb	3	1	33	0.13	0.13	0.052	0.056	0.060	--	0.057	--	0.045	0.028	--	--
BDE-2	BDE-2	ppb	3	1	33	0.020	0.020	0.020	0.029	0.015	--	0.0052	--	0.014	0.015	--	--
BDE-202	BDE-202	ppb	1	0	0	--	--	0.069	0.069	--	--	--	--	--	--	--	--
BDE-203	BDE-203	ppb	3	1	33	0.099	0.099	0.098	0.11	0.067	--	0.028	--	0.064	0.053	--	--
BDE-205	BDE-205	ppb	1	0	0	--	--	0.19	0.19	--	--	--	--	--	--	--	--
BDE-207	BDE-207	ppb	3	1	33	0.45	0.45	0.20	0.30	0.24	--	0.19	--	0.19	0.15	--	--
BDE-208	BDE-208	ppb	1	1	100	0.12	0.12	--	--	NA	--	NA	--	--	0.12	--	--
BDE-209	BDE-209	ppb	3	3	100	3.6	36	--	--	16	16	18	18	9.6	6.8	--	--
BDE-25	BDE-25	ppb	3	0	0	--	--	0.0021	0.019	--	--	--	--	--	--	--	--
BDE-28/33	BDE-28/33	ppb	1	1	100	0.020	0.020	--	--	NA	--	NA	--	--	0.020	--	--
BDE-3	BDE-3	ppb	1	1	100	0.074	0.074	--	--	NA	--	NA	--	--	0.074	--	--
BDE-30	BDE-30	ppb	1	0	0	--	--	0.0016	0.0016	--	--	--	--	--	--	--	--
BDE-32	BDE-32	ppb	1	1	100	0.0081	0.0081	--	--	NA	--	NA	--	--	0.0081	--	--
BDE-35	BDE-35	ppb	3	0	0	--	--	0.0014	0.0075	--	--	--	--	--	--	--	--
BDE-37	BDE-37	ppb	1	0	0	--	--	0.0014	0.0014	--	--	--	--	--	--	--	--
BDE-47	BDE-47	ppb	3	3	100	0.14	0.38	--	--	0.24	0.24	0.13	0.13	0.22	0.20	--	--
BDE-49	BDE-49	ppb	3	3	100	0.042	0.12	--	--	0.086	0.086	0.039	0.039	0.079	0.10	--	--
BDE-66	BDE-66	ppb	3	1	33	0.0080	0.0080	0.012	0.018	0.0077	--	0.0014	--	0.0076	0.0080	--	--
BDE-7	BDE-7	ppb	3	2	67	0.036	0.12	0.0075	0.0075	0.053	--	0.061	--	0.025	0.036	--	--
BDE-71	BDE-71	ppb	1	0	0	--	--	0.0018	0.0018	--	--	--	--	--	--	--	--
BDE-75	BDE-75	ppb	3	1	33	0.019	0.019	0.0011	0.0081	0.0079	--	0.0099	--	0.0035	0.0041	--	--
BDE-77	BDE-77	ppb	3	0	0	--	--	0.0014	0.010	--	--	--	--	--	--	--	--
BDE-8/11	BDE-8/11	ppb	1	1	100	0.061	0.061	--	--	NA	--	NA	--	--	0.061	--	--
BDE-85	BDE-85	ppb	3	1	33	0.0051	0.0051	0.0089	0.012	0.0052	--	0.00081	--	0.0052	0.0051	--	--
BDE-99	BDE-99	ppb	3	3	100	0.14	0.33	--	--	0.23	0.23	0.095	0.095	0.22	0.23	--	--
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb	39	0	0	--	--	3.0	350	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	39	0	0	--	--	4.6	350	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	39	0	0	--	--	6.9	350	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	39	15	39	27	6,800	6.2	160	420	430	1,200	1,200	37	28	G/Ln	NP
Aroclor-1248	12672-29-6	ppb	39	6	15	17	210	3.0	150	31	30	41	37	12	23	N/G/Ln	NP
Aroclor-1254	11097-69-1	ppb	39	14	36	35	1,700	2.0	86	140	150	330	320	17	29	G/Ln	NP
Aroclor-1260	11096-82-5	ppb	39	9	23	17	2,200	5.0	160	110	110	360	350	19	23	G/Ln	NP
Aroclor-1262	37324-23-5	ppb	24	0	0	--	--	42	350	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	24	0	0	--	--	42	350	--	--	--	--	--	--	--	--
Total Aroclor PCBs	No CAS	ppb	39	20	51	44	8,000	6.9	86	650	670	1,700	1,700	55	44	G/Ln	NP

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCNs																	
PCN-1	PCN-1	ppt	1	1	100	980	980	--	--	NA	--	NA	--	--	980	--	--
PCN-10	PCN-10	ppt	1	1	100	24	24	--	--	NA	--	NA	--	--	24	--	--
PCN-12	PCN-12	ppt	1	1	100	590	590	--	--	NA	--	NA	--	--	590	--	--
PCN-13	PCN-13	ppt	1	0	0	--	--	10	10	--	--	--	--	--	--	--	--
PCN-2	PCN-2	ppt	1	1	100	240	240	--	--	NA	--	NA	--	--	240	--	--
PCN-27	PCN-27	ppt	1	1	100	54	54	--	--	NA	--	NA	--	--	54	--	--
PCN-28/36	PCN-28/36	ppt	1	1	100	270	270	--	--	NA	--	NA	--	--	270	--	--
PCN-3	PCN-3	ppt	1	1	100	69	69	--	--	NA	--	NA	--	--	69	--	--
PCN-31	PCN-31	ppt	1	1	100	460	460	--	--	NA	--	NA	--	--	460	--	--
PCN-42	PCN-42	ppt	1	1	100	440	440	--	--	NA	--	NA	--	--	440	--	--
PCN-46	PCN-46	ppt	1	1	100	45	45	--	--	NA	--	NA	--	--	45	--	--
PCN-48	PCN-48	ppt	1	0	0	--	--	10	10	--	--	--	--	--	--	--	--
PCN-49	PCN-49	ppt	1	1	100	37	37	--	--	NA	--	NA	--	--	37	--	--
PCN-5	PCN-5	ppt	1	1	100	1,100	1,100	--	--	NA	--	NA	--	--	1,100	--	--
PCN-50	PCN-50	ppt	1	1	100	87	87	--	--	NA	--	NA	--	--	87	--	--
PCN-52	PCN-52	ppt	1	1	100	510	510	--	--	NA	--	NA	--	--	510	--	--
PCN-53	PCN-53	ppt	1	1	100	380	380	--	--	NA	--	NA	--	--	380	--	--
PCN-54	PCN-54	ppt	1	0	0	--	--	10	10	--	--	--	--	--	--	--	--
PCN-6	PCN-6	ppt	1	1	100	550	550	--	--	NA	--	NA	--	--	550	--	--
PCN-66/67	PCN-66/67	ppt	1	1	100	130	130	--	--	NA	--	NA	--	--	130	--	--
PCN-68	PCN-68	ppt	1	1	100	130	130	--	--	NA	--	NA	--	--	130	--	--
PCN-69	PCN-69	ppt	1	1	100	240	240	--	--	NA	--	NA	--	--	240	--	--
PCN-70	PCN-70	ppt	1	0	0	--	--	10	10	--	--	--	--	--	--	--	--
PCN-71/72	PCN-71/72	ppt	1	1	100	320	320	--	--	NA	--	NA	--	--	320	--	--
PCN-73	PCN-73	ppt	1	1	100	300	300	--	--	NA	--	NA	--	--	300	--	--
PCN-74	PCN-74	ppt	1	1	100	170	170	--	--	NA	--	NA	--	--	170	--	--
PCN-75	PCN-75	ppt	1	1	100	28	28	--	--	NA	--	NA	--	--	28	--	--
PCN-9	PCN-9	ppt	1	1	100	17	17	--	--	NA	--	NA	--	--	17	--	--
Pesticides																	
2,4'-DDD	53-19-0	ppb	3	2	67	2.9	9.6	4.5	4.5	4.9	--	4.1	--	4.0	2.9	--	--
2,4'-DDE	3424-82-6	ppb	3	1	33	7.7	7.7	4.5	4.6	4.1	--	3.1	--	3.4	2.3	--	--
2,4'-DDT	789-02-6	ppb	3	2	67	0.53	0.80	4.6	4.6	1.2	--	0.95	--	0.99	0.80	--	--
4,4'-DDD	72-54-8	ppb	49	25	51	1.9	170	0.82	99	36	31	41	42	17	24	G/Ln	NP
4,4'-DDE	72-55-9	ppb	60	24	40	2.4	340	0.92	99	27	22	49	49	8.7	20	Ln	NP
4,4'-DDT	50-29-3	ppb	49	15	31	1.4	290	0.84	92	27	18	54	54	8.5	11	Ln	NP
Aldrin	309-00-2	ppb	50	4	8	0.089	16	1.4	51	7.5	--	7.3	--	3.8	3.1	--	--
Alpha-BHC	319-84-6	ppb	50	16	32	0.14	17	0.75	51	7.5	1.9	7.7	3.0	3.4	3.3	G/Ln	NP
Alpha-Chlordane	5103-71-9	ppb	48	15	31	1.8	43	0.98	51	11	7.2	9.2	8.6	6.3	11	G/Ln	NP
Beta-BHC	319-85-7	ppb	50	4	8	0.30	71	1.0	51	8.7	--	12	--	4.0	3.2	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Delta-BHC	319-86-8	ppb	48	4	8	0.93	4.1	1.9	51	7.6	--	7.5	--	4.1	3.1	--	--
Dieldrin	60-57-1	ppb	50	19	38	0.67	67	0.97	99	16	7.1	16	11	7.8	13	G/Ln	Ln
Endosulfan I	959-98-8	ppb	50	4	8	1.5	40	0.060	51	8.3	--	8.8	--	3.9	3.2	--	--
Endosulfan II	33213-65-9	ppb	50	11	22	1.9	79	0.060	99	18	9.2	17	15	7.6	17	N/G/Ln	NP
Endosulfan Sulfate	1031-07-8	ppb	45	2	4	6.6	56	0.060	99	15	--	16	--	6.4	7.0	--	--
Endrin	72-20-8	ppb	45	14	31	3.0	120	0.060	99	20	11	21	19	11	21	G/Ln	NP
Endrin Aldehyde	7421-93-4	ppb	45	19	42	1.2	150	0.060	99	27	21	25	26	17	22	G/Ln	Ln
Endrin Ketone	53494-70-5	ppb	45	5	11	3.0	14	0.060	99	15	4.4	14	3.2	6.8	9.7	N/G/Ln	NP
Gamma-BHC (Lindane)	58-89-9	ppb	45	1	2	0.080	0.080	2.1	51	8.0	--	7.6	--	4.3	4.2	--	--
Gamma-Chlordane	5566-34-7	ppb	42	18	43	0.70	30	2.3	51	13	9.7	7.5	8.2	9.4	12	N/G	NP
Heptachlor	76-44-8	ppb	45	4	9	0.43	12	0.060	51	7.8	--	7.4	--	4.0	4.2	--	--
Heptachlor Epoxide	1024-57-3	ppb	50	9	18	0.15	21	1.2	51	7.6	2.1	7.5	4.1	3.9	4.6	G/Ln	NP
Hexachlorobenzene	118-74-1	ppb	1	1	100	5.6	5.6	--	--	NA	--	NA	--	--	5.6	--	--
Methoxychlor	72-43-5	ppb	45	2	4	0.85	26	4.2	510	69	--	79	--	19	12	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb	42	19	45	0.70	69	2.3	51	17	14	14	16	12	14	N/G/Ln	NP
Total DDT (2,4 & 4,4)	No CAS	ppb	2	2	100	14	15	--	--	15	15	0.71	0.71	14	15	--	--
Total DDT (2,4)	No CAS	ppb	2	2	100	0.80	2.9	--	--	1.9	1.9	1.5	1.5	1.5	1.9	--	--
Total DDT (4,4)	No CAS	ppb	50	30	60	1.9	600	0.92	89	70	66	110	110	27	34	G/Ln	NP
Toxaphene	8001-35-2	ppb	44	0	0	--	--	84	1,800	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb	2	0	0	--	--	230	240	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	45	6	13	23	110	67	40,000	900	47	3,000	22	150	65	N/G/Ln	NP
1,2-Dichlorobenzene	95-50-1	ppb	45	7	16	10	35	59	40,000	900	25	3,000	9.0	130	41	N/G/Ln	NP
1,3-Dichlorobenzene	541-73-1	ppb	45	4	9	16	46	61	40,000	940	--	3,000	--	170	140	--	--
1,4-Dichlorobenzene	106-46-7	ppb	45	16	36	18	260	69	40,000	750	80	3,000	64	110	62	N/G/Ln	NP
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	36	0	0	--	--	63	40,000	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb	2	0	0	--	--	230	240	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	47	0	0	--	--	60	40,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	47	0	0	--	--	57	40,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	47	0	0	--	--	72	40,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	47	1	2	70	70	62	40,000	940	--	3,000	--	200	190	--	--
2,4-Dinitrophenol	51-28-5	ppb	47	0	0	--	--	330	190,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	47	0	0	--	--	57	40,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	47	0	0	--	--	55	40,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	47	0	0	--	--	65	40,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	47	0	0	--	--	62	40,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	54	36	67	15	95,000	65	5,200	3,600	3,600	14,000	14,000	200	100	NP	NP
2-Methylphenol	95-48-7	ppb	47	0	0	--	--	65	40,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	47	0	0	--	--	50	190,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	47	0	0	--	--	60	40,000	--	--	--	--	--	--	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
3,3'-Dichlorobenzidine	91-94-1	ppb	36	0	0	--	--	67	190,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	47	0	0	--	--	51	190,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	47	0	0	--	--	76	190,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	36	0	0	--	--	58	40,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	47	0	0	--	--	54	40,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	47	2	4	95	120	47	40,000	920	--	3,000	--	170	150	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb	36	0	0	--	--	62	40,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	6	2	33	52	53	230	610	130	--	93	--	110	120	--	--
4-Nitroaniline	100-01-6	ppb	47	0	0	--	--	67	190,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	47	0	0	--	--	49	190,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	69	44	64	16	180,000	70	13,000	6,000	5,700	24,000	24,000	440	310	Ln	Ln
Acenaphthylene	208-96-8	ppb	69	50	73	19	42,000	64	13,000	2,500	2,200	6,100	6,000	550	770	Ln	Ln
Acetophenone	98-86-2	ppb	2	0	0	--	--	230	240	--	--	--	--	--	--	--	--
Anthracene	120-12-7	ppb	69	54	78	38	260,000	65	13,000	7,300	7,200	32,000	32,000	820	1,100	Ln	Ln
Atrazine	1912-24-9	ppb	2	0	0	--	--	230	240	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb	2	0	0	--	--	230	240	--	--	--	--	--	--	--	--
Benzo(a)anthracene	56-55-3	ppb	69	58	84	68	140,000	60	94	6,500	6,500	18,000	18,000	1,300	1,800	Ln	NP
Benzo(a)pyrene	50-32-8	ppb	69	58	84	77	88,000	69	110	5,300	5,300	12,000	12,000	1,300	1,900	G/Ln	NP
Benzo(b)fluoranthene	205-99-2	ppb	69	58	84	89	62,000	48	74	4,700	4,700	9,400	9,400	1,200	1,800	G/Ln	Ln
Benzo(g,h,i)perylene	191-24-2	ppb	69	54	78	65	31,000	65	13,000	2,400	2,300	4,600	4,600	760	1,100	G/Ln	Ln
Benzo(k)fluoranthene	207-08-9	ppb	69	56	81	33	58,000	86	150	3,000	3,000	7,300	7,300	810	1,200	G/Ln	NP
Biphenyl	92-52-4	ppb	11	9	82	6.4	13,000	230	240	1,600	1,600	4,000	3,800	100	54	Ln	G
bis(2-Chloroethoxy)methane	111-91-1	ppb	47	0	0	--	--	64	40,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	47	0	0	--	--	62	40,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	47	28	60	69	35,000	75	40,000	2,500	2,200	6,400	5,900	380	260	G/Ln	NP
Butyl benzyl phthalate	85-68-7	ppb	36	9	25	31	5,100	63	40,000	1,200	210	3,400	880	190	120	NP	NP
Caprolactam	105-60-2	ppb	2	0	0	--	--	230	240	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb	47	20	43	24	2,300	60	5,800	350	170	680	360	120	82	G/Ln	NP
Chrysene	218-01-9	ppb	69	58	84	73	140,000	78	120	6,400	6,400	18,000	18,000	1,400	1,900	Ln	Ln
Dibenzo(a,h)anthracene	53-70-3	ppb	69	46	67	37	10,000	49	13,000	1,100	750	1,800	1,500	350	390	G/Ln	NP
Dibenzofuran	132-64-9	ppb	53	27	51	13	43,000	65	5,800	1,500	1,300	6,100	6,000	160	98	Ln	NP
Diethyl phthalate	84-66-2	ppb	36	0	0	--	--	68	40,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	36	0	0	--	--	63	40,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	36	2	6	50	260	60	40,000	1,200	--	3,300	--	290	390	--	--
Di-n-Octylphthalate	117-84-0	ppb	47	0	0	--	--	67	40,000	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb	2	2	100	250	310	--	--	280	280	42	42	280	280	--	--
Fluoranthene	206-44-0	ppb	69	59	86	150	360,000	64	91	14,000	14,000	45,000	45,000	2,300	3,100	Ln	Ln
Fluorene	86-73-7	ppb	69	39	57	15	130,000	66	13,000	4,200	3,800	17,000	17,000	380	340	NP	NP
Hexachlorobenzene	118-74-1	ppb	47	1	2	15	15	13	40,000	920	--	3,000	--	170	200	--	--
Hexachlorobutadiene	87-68-3	ppb	47	0	0	--	--	60	40,000	--	--	--	--	--	--	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Hexachlorocyclopentadiene	77-47-4	ppb	45	0	0	--	--	62	190,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	47	0	0	--	--	66	40,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	69	51	74	45	38,000	50	13,000	2,300	2,200	5,100	5,100	600	970	G/Ln	Ln
Isophorone	78-59-1	ppb	47	0	0	--	--	59	40,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	69	48	70	31	320,000	72	13,000	9,700	9,300	42,000	42,000	570	460	NP	NP
Nitrobenzene	98-95-3	ppb	47	0	0	--	--	85	40,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	47	0	0	--	--	65	40,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	47	0	0	--	--	64	40,000	--	--	--	--	--	--	--	--
Pentachlorophenol	87-86-5	ppb	47	0	0	--	--	27	190,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb	69	56	81	49	610,000	69	13,000	17,000	17,000	78,000	78,000	1,000	1,200	Ln	Ln
Phenol	108-95-2	ppb	47	0	0	--	--	59	40,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb	69	58	84	100	320,000	76	120	13,000	13,000	41,000	41,000	2,200	2,900	Ln	Ln
Toluene	108-88-3	ppb	1	1	100	3,300	3,300	--	--	NA	--	NA	--	--	3,300	--	--
Total HMW PAHs-SVOC	No CAS	ppb	69	59	86	150	1,200,000	95	130	57,000	57,000	160,000	160,000	9,400	17,000	Ln	NP
Total LMW PAHs-SVOC	No CAS	ppb	54	46	85	160	1,300,000	77	120	59,000	59,000	210,000	210,000	2,600	2,700	Ln	Ln
TOTAL PAHs - SVOC	No CAS	ppb	54	47	87	150	2,500,000	95	130	120,000	120,000	380,000	380,000	10,000	19,000	Ln	NP
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	4	4	100	68	750	--	--	330	330	290	290	240	260	--	--
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb	29	0	0	--	--	0.58	310	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb	29	0	0	--	--	0.43	310	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb	29	0	0	--	--	0.41	310	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb	29	0	0	--	--	0.37	310	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb	29	0	0	--	--	0.80	310	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	ppb	1	1	100	4.4	4.4	--	--	NA	--	NA	--	--	4.4	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	1	1	100	16	16	--	--	NA	--	NA	--	--	16	--	--
1,2-Dichlorobenzene	95-50-1	ppb	1	0	0	--	--	12	12	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	ppb	29	0	0	--	--	0.43	310	--	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	540-59-0	ppb	22	0	0	--	--	6.3	310	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb	29	0	0	--	--	0.55	310	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb	1	0	0	--	--	12	12	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	ppb	1	0	0	--	--	12	12	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	ppb	29	12	41	3.0	51	3.9	54	11	9.9	10	10	8.1	8.5	G/Ln	NP
2-Hexanone	591-78-6	ppb	29	0	0	--	--	5.0	310	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	1	1	100	260	260	--	--	NA	--	NA	--	--	260	--	--
4-Methyl-2-pentanone	108-10-1	ppb	31	6	19	0.0	0.0	2.8	310	10	--	27	--	6.5	6.0	NP	NP
Acetone	67-64-1	ppb	29	15	52	9.8	180	4.7	77	38	36	39	39	24	27	G/Ln	Ln
Benzene	71-43-2	ppb	29	5	17	2.5	1,300	0.62	27	55	52	240	240	6.5	6.5	G/Ln	NP
Bromodichloromethane	75-27-4	ppb	29	0	0	--	--	0.47	310	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb	29	0	0	--	--	0.43	310	--	--	--	--	--	--	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Bromomethane	74-83-9	ppb	29	0	0	--	--	2.8	310	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb	29	2	7	4.0	4.6	0.51	310	10	--	28	--	3.2	4.7	--	--
Carbon Tetrachloride	56-23-5	ppb	29	0	0	--	--	0.62	310	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb	30	2	7	2.1	14	0.50	310	10	--	28	--	3.4	6.0	--	--
Chloroethane	75-00-3	ppb	29	0	0	--	--	3.0	310	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb	29	2	7	1.1	1.3	0.48	310	9.9	--	28	--	2.9	4.4	--	--
Chloromethane	74-87-3	ppb	29	0	0	--	--	1.2	310	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb	29	0	0	--	--	0.46	310	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb	29	0	0	--	--	0.32	310	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb	29	5	17	3.8	5,300	0.49	27	190	190	980	970	5.7	6.0	G/Ln	NP
Methylene Chloride	75-09-2	ppb	29	0	0	--	--	2.5	310	--	--	--	--	--	--	--	--
Styrene	100-42-5	ppb	29	1	3	0.75	0.75	0.64	310	10	--	28	--	3.6	6.0	--	--
Tetrachloroethene	127-18-4	ppb	29	0	0	--	--	1.0	310	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb	29	6	21	1.5	23	0.56	27	6.4	3.7	5.2	5.0	4.0	6.0	N/G/Ln	NP
trans-1,3-Dichloropropene	10061-02-6	ppb	22	0	0	--	--	6.3	310	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb	29	0	0	--	--	0.43	310	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb	29	0	0	--	--	1.1	310	--	--	--	--	--	--	--	--
Xylene (Total)	1330-20-7	ppb	22	2	9	15	200	8.0	64	27	--	39	--	19	19	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	15	0	0	--	--	25	1,300	--	--	--	--	--	--	--	--
2,4,5-TP (Silvex)	93-72-1	ppb	15	0	0	--	--	25	1,300	--	--	--	--	--	--	--	--
2,4-D	94-75-7	ppb	15	0	0	--	--	100	3,200	--	--	--	--	--	--	--	--
2,4-DB	94-82-6	ppb	15	0	0	--	--	100	2,400	--	--	--	--	--	--	--	--
Organotins																	
Dibutyltin	1191-48-6	ppb	4	0	0	--	--	2.4	6.8	--	--	--	--	--	--	--	--
Monobutyltin	78763-54-9	ppb	4	0	0	--	--	2.4	6.8	--	--	--	--	--	--	--	--
Tetrabutyltin	1461-25-2	ppb	4	0	0	--	--	2.4	6.8	--	--	--	--	--	--	--	--
Tributyltin	688-73-3	ppb	4	0	0	--	--	2.4	6.8	--	--	--	--	--	--	--	--
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb	14	0	0	--	--	41	430	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	14	0	0	--	--	41	430	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	14	0	0	--	--	41	430	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	14	2	14	130	780	50	430	120	--	200	--	62	36	--	--
Aroclor-1248	12672-29-6	ppb	14	0	0	--	--	41	430	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb	14	1	7	630	630	41	430	100	--	160	--	53	34	--	--
Aroclor-1260	11096-82-5	ppb	14	0	0	--	--	41	430	--	--	--	--	--	--	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Aroclor-1262	37324-23-5	ppb	14	0	0	--	--	41	430	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	14	0	0	--	--	41	430	--	--	--	--	--	--	--	--
Total Aroclor PCBs	No CAS	ppb	15	2	13	130	1,400	50	430	160	--	350	--	62	36	--	--
Pesticides																	
4,4'-DDD	72-54-8	ppb	15	8	53	1.9	150	2.6	43	38	36	51	51	12	14	N/G/Ln	NP
4,4'-DDE	72-55-9	ppb	15	6	40	0.93	470	2.6	43	51	48	130	130	6.0	2.1	G/Ln	NP
4,4'-DDT	50-29-3	ppb	15	2	13	11	64	2.6	43	12	--	16	--	6.0	11	--	--
Aldrin	309-00-2	ppb	15	4	27	3.2	8.2	2.6	37	5.8	--	4.8	--	4.1	5.1	--	--
Alpha-BHC	319-84-6	ppb	15	7	47	0.41	3.3	2.7	38	6.3	1.5	6.8	1.3	3.1	3.3	NP	NP
Alpha-Chlordane	5103-71-9	ppb	15	3	20	0.73	20	2.6	38	6.3	--	7.0	--	3.5	1.8	--	--
Beta-BHC	319-85-7	ppb	15	0	0	--	--	2.6	38	--	--	--	--	--	--	--	--
Delta-BHC	319-86-8	ppb	15	2	13	1.8	6.4	2.6	37	5.0	--	5.0	--	3.3	1.8	--	--
Dieldrin	60-57-1	ppb	15	7	47	0.40	67	2.6	43	13	10	17	17	5.7	8.3	G/Ln	Ln
Endosulfan I	959-98-8	ppb	15	5	33	0.27	52	2.6	38	10	5.8	13	13	4.3	5.5	G/Ln	NP
Endosulfan II	33213-65-9	ppb	15	1	7	1.4	1.4	2.6	43	8.5	--	7.7	--	4.9	6.5	--	--
Endosulfan Sulfate	1031-07-8	ppb	15	0	0	--	--	2.6	43	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb	15	4	27	0.59	76	2.6	43	13	--	19	--	5.2	6.5	--	--
Endrin Aldehyde	7421-93-4	ppb	15	8	53	0.64	92	2.6	43	22	19	28	29	8.7	12	N/G/Ln	G
Endrin Ketone	53494-70-5	ppb	15	3	20	15	36	2.6	43	9.9	--	11	--	5.1	6.5	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	15	1	7	0.44	0.44	2.6	38	6.2	--	6.8	--	3.3	1.8	--	--
Gamma-Chlordane	5566-34-7	ppb	15	6	40	0.68	25	2.6	34	6.9	5.1	7.0	6.6	4.2	4.7	N/G/Ln	NP
Heptachlor	76-44-8	ppb	15	6	40	1.1	6.9	2.6	37	4.7	2.6	4.8	1.8	3.1	2.3	N/G/Ln	G
Heptachlor Epoxide	1024-57-3	ppb	15	6	40	0.58	18	2.6	22	3.9	2.4	4.9	4.4	2.3	1.7	Ln	NP
Methoxychlor	72-43-5	ppb	15	1	7	7.1	7.1	5.0	220	28	--	31	--	13	21	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb	15	6	40	1.4	45	2.6	34	8.4	6.7	11	11	4.6	4.7	G/Ln	NP
Total DDT (4,4)	No CAS	ppb	15	9	60	1.5	650	2.6	43	89	87	180	180	14	11	G/Ln	NP
Toxaphene	8001-35-2	ppb	15	0	0	--	--	100	2,200	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4-Trichlorobenzene	120-82-1	ppb	30	0	0	--	--	65	21,000	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb	30	0	0	--	--	58	21,000	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb	30	0	0	--	--	60	21,000	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	ppb	30	1	3	30	30	67	21,000	1,300	--	2,700	--	180	58	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	19	0	0	--	--	62	21,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	30	0	0	--	--	58	21,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	30	0	0	--	--	56	21,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	30	0	0	--	--	71	21,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	30	0	0	--	--	61	21,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	30	0	0	--	--	330	130,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	30	0	0	--	--	56	21,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	30	0	0	--	--	54	21,000	--	--	--	--	--	--	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2-Chloronaphthalene	91-58-7	ppb	30	0	0	--	--	63	21,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	30	0	0	--	--	61	21,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	30	14	47	98	59,000	64	740	7,600	7,600	18,000	18,000	390	240	Ln	NP
2-Methylphenol	95-48-7	ppb	30	0	0	--	--	64	21,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	30	0	0	--	--	49	130,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	30	0	0	--	--	59	21,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	19	0	0	--	--	65	130,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	30	0	0	--	--	50	130,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	30	0	0	--	--	74	130,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	19	0	0	--	--	57	21,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	30	0	0	--	--	53	21,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	30	0	0	--	--	46	21,000	--	--	--	--	--	--	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb	19	0	0	--	--	60	21,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	4	0	0	--	--	230	740	--	--	--	--	--	--	--	--
4-Nitroaniline	100-01-6	ppb	30	0	0	--	--	65	130,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	30	0	0	--	--	47	130,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	34	18	53	30	43,000	68	740	5,800	5,700	12,000	12,000	390	210	G/Ln	NP
Acenaphthylene	208-96-8	ppb	34	19	56	39	37,000	62	740	2,200	2,200	6,600	6,500	300	240	G/Ln	NP
Anthracene	120-12-7	ppb	34	20	59	56	57,000	58	740	6,000	6,000	14,000	14,000	480	260	Ln	NP
Benzo(a)anthracene	56-55-3	ppb	34	23	68	21	51,000	66	740	5,900	5,900	13,000	12,000	550	330	G/Ln	NP
Benzo(a)pyrene	50-32-8	ppb	34	22	65	52	44,000	75	740	4,800	4,800	10,000	10,000	560	320	G/Ln	NP
Benzo(b)fluoranthene	205-99-2	ppb	34	22	65	49	34,000	52	740	4,200	4,200	8,800	8,700	470	320	G/Ln	NP
Benzo(g,h,i)perylene	191-24-2	ppb	34	19	56	91	19,000	64	740	2,200	2,200	4,800	4,700	320	240	Ln	NP
Benzo(k)fluoranthene	207-08-9	ppb	34	16	47	93	12,000	84	740	1,900	1,900	3,500	3,400	340	210	G/Ln	NP
Biphenyl	92-52-4	ppb	1	1	100	720	720	--	--	NA	--	NA	--	--	720	--	--
bis(2-Chloroethoxy)methane	111-91-1	ppb	30	0	0	--	--	63	21,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	30	0	0	--	--	60	21,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	30	9	30	37	21,000	74	21,000	2,000	800	4,500	3,800	260	140	NP	NP
Butyl benzyl phthalate	85-68-7	ppb	19	4	21	23	250	62	21,000	2,000	--	3,200	--	320	250	--	--
Carbazole	86-74-8	ppb	30	6	20	46	1,700	58	13,000	440	180	1,200	360	120	48	N/G/Ln	NP
Chrysene	218-01-9	ppb	34	22	65	17	46,000	84	740	5,700	5,700	12,000	12,000	590	340	G/Ln	NP
Dibenzo(a,h)anthracene	53-70-3	ppb	34	16	47	26	5,100	48	740	680	650	1,300	1,300	160	130	G/Ln	NP
Dibenzofuran	132-64-9	ppb	30	7	23	20	16,000	63	13,000	1,400	990	3,300	3,100	170	62	G/Ln	NP
Diethyl phthalate	84-66-2	ppb	19	0	0	--	--	66	21,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	19	0	0	--	--	61	21,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	19	0	0	--	--	58	21,000	--	--	--	--	--	--	--	--
Di-n-Octylphthalate	117-84-0	ppb	30	0	0	--	--	65	21,000	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb	1	1	100	1,100	1,100	--	--	NA	--	NA	--	--	1,100	--	--
Fluoranthene	206-44-0	ppb	34	25	74	19	120,000	70	740	11,000	11,000	26,000	26,000	770	400	Ln	Ln
Fluorene	86-73-7	ppb	34	17	50	34	59,000	64	740	4,600	4,600	12,000	12,000	290	140	G/Ln	NP

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Hexachlorobenzene	118-74-1	ppb	30	0	0	--	--	61	21,000	--	--	--	--	--	--	--	--
Hexachlorobutadiene	87-68-3	ppb	30	0	0	--	--	59	21,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	28	0	0	--	--	61	130,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	30	0	0	--	--	65	21,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	34	17	50	85	14,000	49	740	1,800	1,800	3,900	3,800	260	210	G/Ln	NP
Isophorone	78-59-1	ppb	30	0	0	--	--	57	21,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	34	21	62	26	150,000	65	740	12,000	12,000	33,000	32,000	480	240	Ln	NP
Nitrobenzene	98-95-3	ppb	30	0	0	--	--	83	21,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	30	0	0	--	--	63	21,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	30	0	0	--	--	63	21,000	--	--	--	--	--	--	--	--
Pentachlorophenol	87-86-5	ppb	30	0	0	--	--	89	130,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb	34	24	71	23	310,000	61	740	20,000	20,000	57,000	56,000	740	390	Ln	NP
Phenol	108-95-2	ppb	30	0	0	--	--	58	21,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb	34	27	79	24	120,000	88	740	12,000	12,000	26,000	26,000	1,000	550	G/Ln	Ln
Total HMW PAHs-SVOC	No CAS	ppb	34	27	79	43	420,000	110	740	50,000	50,000	110,000	110,000	2,700	2,100	G/Ln	G/Ln
Total LMW PAHs-SVOC	No CAS	ppb	30	21	70	23	710,000	68	740	62,000	62,000	150,000	150,000	1,400	590	G/Ln	NP
TOTAL PAHs - SVOC	No CAS	ppb	30	24	80	66	1,100,000	110	740	110,000	110,000	260,000	250,000	3,400	1,900	Ln	G/Ln
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	4	4	100	17	710	--	--	290	290	320	320	140	220	--	--
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb	31	0	0	--	--	0.49	460	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb	31	0	0	--	--	0.36	460	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb	31	0	0	--	--	0.34	460	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb	31	0	0	--	--	0.31	460	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb	31	0	0	--	--	0.67	460	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	ppb	31	0	0	--	--	0.36	460	--	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	540-59-0	ppb	15	0	0	--	--	6.0	460	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb	31	0	0	--	--	0.46	460	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	ppb	31	12	39	7.4	460	3.3	460	36	30	89	80	10	7.5	Ln	NP
2-Hexanone	591-78-6	ppb	31	1	3	160	160	4.2	460	18	--	48	--	6.0	4.3	--	--
2-Methylnaphthalene	91-57-6	ppb	8	8	100	84	1,400	--	--	380	380	420	420	270	250	Ln	Ln
4-Methyl-2-pentanone	108-10-1	ppb	31	16	52	0.0	0.0	8.0	460	12	--	41	--	9.9	0.0	NP	NP
Acetone	67-64-1	ppb	31	16	52	14	580	3.9	1,800	100	80	200	140	26	29	G/Ln	NP
Benzene	71-43-2	ppb	31	16	52	1.4	100,000	0.47	32	3,800	3,800	18,000	18,000	8.1	4.3	NP	NP
Biphenyl	92-52-4	ppb	2	2	100	27	44	--	--	36	36	12	12	34	36	--	--
Bromodichloromethane	75-27-4	ppb	31	0	0	--	--	0.39	460	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb	31	0	0	--	--	0.36	460	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb	31	0	0	--	--	2.4	460	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb	31	10	32	1.7	79	0.43	20	9.7	8.8	18	18	2.4	4.0	G/Ln	NP
Carbon Tetrachloride	56-23-5	ppb	31	0	0	--	--	0.52	460	--	--	--	--	--	--	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Chlorobenzene	108-90-7	ppb	31	1	3	2.4	2.4	0.42	460	11	--	41	--	1.4	0.55	--	--
Chloroethane	75-00-3	ppb	31	0	0	--	--	2.5	460	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb	31	0	0	--	--	0.41	460	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb	31	0	0	--	--	1.0	460	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb	31	0	0	--	--	0.39	460	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb	31	0	0	--	--	0.27	460	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb	31	13	42	1.1	290,000	0.41	32	9,800	9,800	52,000	51,000	12	6.5	Ln	NP
Methylene Chloride	75-09-2	ppb	31	0	0	--	--	2.1	460	--	--	--	--	--	--	--	--
Styrene	100-42-5	ppb	31	1	3	3,000	3,000	0.54	460	110	--	540	--	2.3	3.0	--	--
Tetrachloroethene	127-18-4	ppb	31	0	0	--	--	0.85	460	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb	31	13	42	1.4	95,000	0.47	32	3,100	3,100	17,000	17,000	4.1	4.2	NP	NP
trans-1,3-Dichloropropene	10061-02-6	ppb	15	0	0	--	--	6.0	460	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb	31	0	0	--	--	0.36	460	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb	31	0	0	--	--	0.96	460	--	--	--	--	--	--	--	--
Xylene (Total)	1330-20-7	ppb	15	5	33	22	480	6.0	46	75	81	140	130	24	16	N/G/Ln	NP
Subsurface (>3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	6	0	0	--	--	34	630	--	--	--	--	--	--	--	--
2,4,5-TP (Silvex)	93-72-1	ppb	6	0	0	--	--	34	630	--	--	--	--	--	--	--	--
2,4-D	94-75-7	ppb	6	0	0	--	--	140	1,500	--	--	--	--	--	--	--	--
2,4-DB	94-82-6	ppb	6	0	0	--	--	140	1,100	--	--	--	--	--	--	--	--
Organotins																	
Dibutyltin	1191-48-6	ppb	2	0	0	--	--	3.4	3.5	--	--	--	--	--	--	--	--
Monobutyltin	78763-54-9	ppb	1	0	0	--	--	3.5	3.5	--	--	--	--	--	--	--	--
Tetrabutyltin	1461-25-2	ppb	2	0	0	--	--	3.4	3.5	--	--	--	--	--	--	--	--
Tributyltin	688-73-3	ppb	2	0	0	--	--	3.4	3.5	--	--	--	--	--	--	--	--
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb	6	0	0	--	--	56	210	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	6	0	0	--	--	56	210	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	6	0	0	--	--	56	210	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	6	0	0	--	--	56	210	--	--	--	--	--	--	--	--
Aroclor-1248	12672-29-6	ppb	6	0	0	--	--	56	210	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb	6	0	0	--	--	56	210	--	--	--	--	--	--	--	--
Aroclor-1260	11096-82-5	ppb	6	0	0	--	--	56	210	--	--	--	--	--	--	--	--
Aroclor-1262	37324-23-5	ppb	6	0	0	--	--	56	210	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	6	0	0	--	--	56	210	--	--	--	--	--	--	--	--
Total Aroclor PCBs	No CAS	ppb	6	0	0	--	--	56	210	--	--	--	--	--	--	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Pesticides																	
4,4'-DDD	72-54-8	ppb	6	4	67	5.7	31	20	21	16	--	9.1	--	13	13	--	--
4,4'-DDE	72-55-9	ppb	5	3	60	1.2	10	20	21	7.4	--	4.0	--	5.9	10	--	--
4,4'-DDT	50-29-3	ppb	4	0	0	--	--	2.9	21	--	--	--	--	--	--	--	--
Aldrin	309-00-2	ppb	5	2	40	1.7	2.2	3.2	11	3.2	--	1.9	--	2.8	2.2	--	--
Alpha-BHC	319-84-6	ppb	4	1	25	2.7	2.7	3.2	11	3.7	--	1.9	--	3.3	3.8	--	--
Alpha-Chlordane	5103-71-9	ppb	4	0	0	--	--	2.9	11	--	--	--	--	--	--	--	--
Beta-BHC	319-85-7	ppb	4	0	0	--	--	2.9	11	--	--	--	--	--	--	--	--
Delta-BHC	319-86-8	ppb	4	0	0	--	--	2.9	11	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb	6	4	67	4.9	9.0	20	21	7.9	--	2.3	--	7.6	7.8	--	--
Endosulfan I	959-98-8	ppb	5	2	40	0.78	3.1	2.9	11	3.2	--	2.1	--	2.5	3.1	--	--
Endosulfan II	33213-65-9	ppb	4	0	0	--	--	2.9	21	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb	5	1	20	24	24	2.9	21	9.5	--	9.2	--	5.7	10	--	--
Endrin	72-20-8	ppb	5	2	40	5.4	5.7	2.9	21	6.6	--	3.7	--	5.4	5.7	--	--
Endrin Aldehyde	7421-93-4	ppb	5	3	60	8.1	22	20	21	14	--	5.8	--	13	11	--	--
Endrin Ketone	53494-70-5	ppb	6	3	50	1.3	24	3.2	21	12	--	10	--	7.1	10	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	5	1	20	0.44	0.44	2.9	11	2.8	--	2.3	--	1.9	1.6	--	--
Gamma-Chlordane	5566-34-7	ppb	4	0	0	--	--	2.9	11	--	--	--	--	--	--	--	--
Heptachlor	76-44-8	ppb	5	1	20	1.9	1.9	2.9	11	3.1	--	2.0	--	2.6	1.9	--	--
Heptachlor Epoxide	1024-57-3	ppb	5	1	20	0.50	0.50	2.9	11	2.8	--	2.3	--	2.0	1.6	--	--
Methoxychlor	72-43-5	ppb	4	0	0	--	--	5.6	110	--	--	--	--	--	--	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb	4	0	0	--	--	2.9	11	--	--	--	--	--	--	--	--
Total DDT (4,4)	No CAS	ppb	6	4	67	6.9	31	20	21	18	--	10	--	16	18	--	--
Toxaphene	8001-35-2	ppb	4	0	0	--	--	110	1,100	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4-Trichlorobenzene	120-82-1	ppb	15	0	0	--	--	63	29,000	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb	15	0	0	--	--	56	29,000	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb	15	0	0	--	--	58	29,000	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	ppb	15	0	0	--	--	65	29,000	--	--	--	--	--	--	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	6	0	0	--	--	340	29,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	15	0	0	--	--	57	29,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	15	0	0	--	--	54	29,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	15	0	0	--	--	68	29,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	15	0	0	--	--	59	29,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	15	0	0	--	--	320	300,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	15	0	0	--	--	54	29,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	15	0	0	--	--	52	29,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	15	0	0	--	--	61	29,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	15	0	0	--	--	59	29,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	15	6	40	140	25,000	62	350	3,500	3,600	7,100	6,800	260	140	N/G/Ln	NP

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2-Methylphenol	95-48-7	ppb	15	0	0	--	--	62	29,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	15	0	0	--	--	47	300,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	15	0	0	--	--	57	29,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	6	0	0	--	--	660	300,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	15	0	0	--	--	48	300,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	15	0	0	--	--	72	300,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	6	0	0	--	--	340	29,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	15	0	0	--	--	51	29,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	15	0	0	--	--	44	29,000	--	--	--	--	--	--	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb	6	0	0	--	--	340	29,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	2	0	0	--	--	340	350	--	--	--	--	--	--	--	--
4-Nitroaniline	100-01-6	ppb	15	0	0	--	--	63	300,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	15	0	0	--	--	46	300,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	20	6	30	33	21,000	66	2,300	3,600	3,500	7,100	7,000	250	110	N/G	NP
Acenaphthylene	208-96-8	ppb	20	7	35	100	2,500	60	2,300	540	510	810	780	170	160	N/G/Ln	NP
Anthracene	120-12-7	ppb	20	6	30	110	26,000	56	2,300	4,200	4,200	8,400	8,200	260	140	N/G	NP
Benzo(a)anthracene	56-55-3	ppb	20	6	30	610	18,000	38	350	3,200	3,600	6,400	6,000	190	34	N/G/Ln	NP
Benzo(a)pyrene	50-32-8	ppb	20	6	30	460	13,000	38	350	2,200	2,500	4,400	4,100	180	39	N/G/Ln	NP
Benzo(b)fluoranthene	205-99-2	ppb	20	6	30	250	15,000	38	350	2,500	2,700	5,100	4,900	150	27	N/G/Ln	NP
Benzo(g,h,i)perylene	191-24-2	ppb	20	6	30	170	6,600	61	2,300	1,200	1,200	2,200	2,100	200	170	N/G/Ln	NP
Benzo(k)fluoranthene	207-08-9	ppb	20	6	30	330	5,500	38	350	1,000	1,200	1,900	1,700	170	53	N/G/Ln	NP
bis(2-Chloroethoxy)methane	111-91-1	ppb	15	0	0	--	--	61	29,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	15	0	0	--	--	59	29,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	15	2	13	100	150	71	29,000	2,400	--	4,300	--	260	100	--	--
Butyl benzyl phthalate	85-68-7	ppb	6	0	0	--	--	340	29,000	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb	15	4	27	1,400	2,800	57	350	620	--	1,000	--	130	37	--	--
Chrysene	218-01-9	ppb	20	6	30	500	16,000	66	2,300	3,000	3,200	5,700	5,400	290	170	N/G/Ln	NP
Dibenzo(a,h)anthracene	53-70-3	ppb	20	6	30	79	2,000	38	350	370	380	660	630	89	31	N/G/Ln	NP
Dibenzofuran	132-64-9	ppb	15	4	27	4,900	8,700	61	350	2,100	--	3,600	--	190	40	--	--
Diethyl phthalate	84-66-2	ppb	6	0	0	--	--	340	29,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	6	0	0	--	--	340	29,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	6	0	0	--	--	340	29,000	--	--	--	--	--	--	--	--
Di-n-Octylphthalate	117-84-0	ppb	15	0	0	--	--	63	29,000	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb	1	1	100	500	500	--	--	NA	--	NA	--	--	500	--	--
Fluoranthene	206-44-0	ppb	20	7	35	78	54,000	55	2,300	8,500	8,400	17,000	17,000	350	170	N/G/Ln	NP
Fluorene	86-73-7	ppb	20	5	25	450	18,000	62	2,300	3,000	3,300	6,000	5,800	250	170	N/G	NP
Hexachlorobenzene	118-74-1	ppb	15	0	0	--	--	59	29,000	--	--	--	--	--	--	--	--
Hexachlorobutadiene	87-68-3	ppb	15	0	0	--	--	57	29,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	14	0	0	--	--	59	300,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	15	0	0	--	--	63	29,000	--	--	--	--	--	--	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	20	6	30	150	6,300	38	350	1,100	1,100	2,100	2,000	120	31	N/G/Ln	NP
Isophorone	78-59-1	ppb	15	0	0	--	--	56	29,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	20	8	40	100	430,000	63	2,300	37,000	37,000	100,000	100,000	480	180	G/Ln	NP
Nitrobenzene	98-95-3	ppb	15	0	0	--	--	81	29,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	15	0	0	--	--	61	29,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	15	0	0	--	--	61	29,000	--	--	--	--	--	--	--	--
Pentachlorophenol	87-86-5	ppb	15	0	0	--	--	86	300,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb	20	8	40	84	66,000	59	2,300	11,000	11,000	22,000	22,000	380	170	G	NP
Phenol	108-95-2	ppb	15	0	0	--	--	56	29,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb	20	7	35	96	32,000	65	2,300	5,400	5,400	11,000	10,000	360	170	N/G/Ln	NP
Total HMW PAHs-SVOC	No CAS	ppb	20	7	35	170	160,000	81	2,300	28,000	28,000	56,000	55,000	650	170	N/G/Ln	NP
Total LMW PAHs-SVOC	No CAS	ppb	15	6	40	820	570,000	66	350	80,000	81,000	160,000	160,000	800	170	N/G/Ln	NP
TOTAL PAHs - SVOC	No CAS	ppb	15	6	40	990	710,000	81	350	120,000	120,000	220,000	210,000	1,000	170	N/G	NP
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	2	2	100	57	78	--	--	68	68	15	15	67	68	--	--
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb	15	0	0	--	--	0.47	15	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb	15	0	0	--	--	0.35	15	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb	15	0	0	--	--	0.33	15	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb	15	0	0	--	--	0.30	15	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb	15	0	0	--	--	0.64	15	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	ppb	15	0	0	--	--	0.34	15	--	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	540-59-0	ppb	6	0	0	--	--	12	15	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb	15	0	0	--	--	0.45	15	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	ppb	15	4	27	10	21	3.2	27	7.3	--	7.1	--	4.4	2.1	--	--
2-Hexanone	591-78-6	ppb	15	0	0	--	--	4.0	27	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	1	1	100	18	18	--	--	NA	--	NA	--	--	18	--	--
4-Methyl-2-pentanone	108-10-1	ppb	15	8	53	0.0	0.0	2.9	27	3.6	--	4.8	--	6.4	0.0	NP	NP
Acetone	67-64-1	ppb	15	6	40	21	43	3.8	5.9	14	25	16	7.2	6.6	2.5	N/G/Ln	NP
Benzene	71-43-2	ppb	15	9	60	0.75	120	0.53	13	12	12	30	29	2.4	3.4	Ln	Ln
Bromodichloromethane	75-27-4	ppb	15	0	0	--	--	0.38	15	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb	15	0	0	--	--	0.35	15	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb	15	0	0	--	--	2.3	15	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb	15	2	13	3.0	3.0	0.41	15	2.3	--	2.9	--	0.85	0.28	--	--
Carbon Tetrachloride	56-23-5	ppb	15	0	0	--	--	0.50	15	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb	15	0	0	--	--	0.41	15	--	--	--	--	--	--	--	--
Chloroethane	75-00-3	ppb	15	0	0	--	--	2.4	15	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb	15	0	0	--	--	0.39	15	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb	15	0	0	--	--	0.96	15	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb	15	0	0	--	--	0.37	15	--	--	--	--	--	--	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Dibromochloromethane	124-48-1	ppb	15	0	0	--	--	0.26	15	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb	15	5	33	1.9	110	0.47	13	14	14	29	28	1.9	1.9	N/G/Ln	NP
Methylene Chloride	75-09-2	ppb	15	0	0	--	--	2.0	15	--	--	--	--	--	--	--	--
Styrene	100-42-5	ppb	15	1	7	0.68	0.68	0.61	15	2.8	--	3.1	--	1.1	0.40	--	--
Tetrachloroethene	127-18-4	ppb	15	0	0	--	--	0.82	15	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb	15	4	27	1.9	16	0.45	13	3.0	--	4.3	--	1.1	0.35	--	--
trans-1,3-Dichloropropene	10061-02-6	ppb	6	0	0	--	--	12	15	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb	15	0	0	--	--	0.35	15	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb	15	0	0	--	--	0.92	15	--	--	--	--	--	--	--	--
Xylene (Total)	1330-20-7	ppb	6	4	67	13	130	12	13	40	--	47	--	22	27	--	--

Table D-5
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Hackensack River

Abbreviations:

-- not applicable due to frequency of detection
1/2 DL = half the detection limit (e.g., sample reporting limit)
CAS = Chemical Abstracts Service
FOD = frequency of detection (detects / total)
ft bss = feet below sediment surface
GM = geometric mean
GOF = goodness-of-fit
HMW = high-molecular weight
KM = Kaplan-Meier
LMW = low-molecular weight
Max = maximum
Min = minimum
NA = not applicable because all concentrations are equal to "0"
ND = nondetect
PAH = polynuclear aromatic hydrocarbon
PBDE = polybrominated diphenyl ether
PCB = polychlorinated biphenyls
PCN = polychlorinated naphthalene
ppb = parts per billion
ppm = parts per million
ppt = parts per trillion
ROS = regression on ordered statistics
SD = standard deviation
SVOC = semivolatile organic compound
TPH = total petroleum hydrocarbon

Notes:

[1] Total concentrations are based on the sum of detected observations; therefore statistics for totals are based on detected observations.

[2] KM and GOF statistics generated using USEPA ProUCL (v. 4.1.01) software (USEPA, 2011). Remaining statistics generated in MS Access 2010.

[3] When FOD = 100%, the KM statistics are equal to the arithmetic mean and standard deviation of the full dataset.

[4] KM statistics and GOF results only reported for constituents with at least 8 total observations and 5 distinct detected observations (USEPA, 2010).

[5] The GM is a parameter that specifically defines a lognormal distribution and is equal to the anti-log of the mean of the log-transformed values. GM is generally not descriptive of the central tendency for data that are

[6] Distribution assessed by GOF tests at 95% confidence level (α = 0.05) using ProUCL 4.1.01 Left-censored data are evaluated with both detects only and ROS methods (USEPA, 2010).
Normal (N): dataset follows a normal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Gamma (G): dataset follows a gamma distribution, according to the Kolmogorov-Smirnov test.
Lognormal (Ln): dataset follows a lognormal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Nonparametric (NP): dataset does not follow any of the three distributions noted above.

[7] Level = data usability levels. For information about these levels and their applicability, please refer to Section 3 of the report.

[8] This table presents data for each of the 18 select chemicals (where available) identified for focused evaluation in Section 4.3.

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	4	4	100	241	890	--	--	421	421	314	314	356	276	--	--
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	4	4	100	74.0	480	--	--	262	262	203	203	195	247	--	--
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	4	4	100	3.94	21.0	--	--	10.7	10.7	7.85	7.90	8.62	8.94	--	--
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	4	4	100	2.92	5.30	--	--	3.82	3.80	1.05	1.10	3.72	3.54	--	--
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	4	4	100	10.1	64.0	--	--	34.6	34.6	25.3	25.3	26.9	32.0	--	--
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	4	4	100	9.80	31.0	--	--	18.5	18.5	8.96	9.00	17.0	16.6	--	--
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	4	4	100	4.47	22.5	--	--	12.4	12.4	8.40	8.40	10.1	11.3	--	--
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	4	4	100	6.87	18.0	--	--	11.0	11.0	4.88	4.90	10.3	9.52	--	--
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	4	3	75	1.37	1.94	2.50	2.50	1.57	--	0.317	--	1.55	1.54	--	--
1,2,3,7,8-PeCDD	40321-76-4	ppt	4	4	100	2.51	5.50	--	--	3.85	3.90	1.26	1.30	3.70	3.70	--	--
1,2,3,7,8-PeCDF	57117-41-6	ppt	4	4	100	5.02	9.90	--	--	7.36	7.40	2.19	2.20	7.11	7.26	--	--
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	4	4	100	3.87	14.0	--	--	8.35	8.40	5.04	5.00	7.16	7.77	--	--
2,3,4,7,8-PeCDF	57117-31-4	ppt	4	4	100	5.48	18.0	--	--	10.6	10.6	5.55	5.60	9.58	9.48	--	--
2,3,7,8-TCDD	1746-01-6	ppt	4	4	100	5.79	120	--	--	41.3	41.3	52.9	52.9	22.8	19.6	--	--
2,3,7,8-TCDF	51207-31-9	ppt	4	4	100	10.2	29.0	--	--	19.9	19.9	9.24	9.20	18.1	20.1	--	--
OCDD	3268-87-9	ppt	4	4	100	2,430	8,300	--	--	4,140	4,140	2,780	2,780	3,610	2,910	--	--
OCDF	39001-02-0	ppt	4	4	100	134	1,200	--	--	475	475	496	496	325	283	--	--
Total HpCDD	37871-00-4	ppt	4	4	100	571	1,900	--	--	960	960	630	630	844	685	--	--
Total HpCDF	38998-75-3	ppt	4	4	100	151	1,400	--	--	618	618	581	581	419	461	--	--
Total HxCDD	34465-46-8	ppt	4	4	100	103	280	--	--	183	183	73.1	73.1	172	174	--	--
Total HxCDF	55684-94-1	ppt	4	4	100	101	470	--	--	276	276	191	191	221	266	--	--
Total PeCDD	36088-22-9	ppt	4	4	100	37.3	60.6	--	--	47.1	47.1	10.1	10.1	46.3	45.3	--	--
Total PeCDF	30402-15-4	ppt	4	4	100	102	460	--	--	267	267	174	174	221	253	--	--
Total TCDD	41903-57-5	ppt	4	4	100	46.9	260	--	--	114	114	98.8	98.8	90.1	74.8	--	--
Total TCDF	55722-27-5	ppt	4	4	100	193	700	--	--	396	396	223	223	353	346	--	--
Congener PCBs																	
PCB-1	2051-60-7	ppt	4	4	100	165	2,680	--	--	1,010	1,010	1,160	1,160	575	604	--	--
PCB-100	39485-83-1	ppt	3	3	100	101	391	--	--	240	240	145	145	208	229	--	--
PCB-103	60145-21-3	ppt	4	4	100	150	350	--	--	265	265	83.8	83.8	253	280	--	--
PCB-104	56558-16-8	ppt	4	2	50	9.86	24.2	5.00	40.3	14.2	--	9.85	--	10.5	15.0	--	--
PCB-105	32598-14-4	ppt	4	4	100	4,470	14,000	--	--	7,820	7,820	4,240	4,240	7,110	6,400	--	--
PCB-106/118	PCB-106/118	ppt	3	3	100	12,400	17,600	--	--	15,800	15,800	2,970	2,970	15,600	17,500	--	--
PCB-107/109	70424-68-9/7447	ppt	3	3	100	1,120	1,370	--	--	1,230	1,230	128	128	1,230	1,200	--	--
PCB-108/112	70362-41-3/7447	ppt	3	3	100	789	921	--	--	876	876	75.4	75.4	874	918	--	--
PCB-11	2050-67-1	ppt	4	4	100	1,440	18,000	--	--	7,250	7,250	7,360	7,360	4,900	4,780	--	--
PCB-110	38380-03-9	ppt	3	3	100	15,100	24,100	--	--	20,500	20,500	4,780	4,780	20,100	22,400	--	--
PCB-111/115	PCB-111/115	ppt	3	3	100	191	425	--	--	334	334	125	125	315	385	--	--

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-113	68194-10-5	ppt	3	3	100	38.6	136	--	--	79.8	79.8	50.4	50.4	69.8	64.8	--	--
PCB-114	74472-37-0	ppt	4	4	100	251	830	--	--	463	463	253	253	419	385	--	--
PCB-119	56558-17-9	ppt	3	3	100	409	625	--	--	515	515	108	108	507	511	--	--
PCB-12/13	PCB-12/13	ppt	4	4	100	535	10,300	--	--	3,880	3,880	4,450	4,450	2,220	2,350	--	--
PCB-120	68194-12-7	ppt	4	4	100	43.9	110	--	--	72.5	72.5	27.5	27.5	68.7	68.0	--	--
PCB-121	56558-18-0	ppt	4	0	0	--	--	7.00	40.7	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt	4	4	100	161	470	--	--	259	259	142	142	236	203	--	--
PCB-123	65510-44-3	ppt	4	4	100	218	530	--	--	347	347	131	131	330	320	--	--
PCB-124	70424-70-3	ppt	3	3	100	406	813	--	--	672	672	230	230	640	796	--	--
PCB-126	57465-28-8	ppt	4	3	75	86.9	110	73.0	73.0	82.5	--	32.1	--	76.2	91.7	--	--
PCB-127	39635-33-1	ppt	4	0	0	--	--	8.02	77.0	--	--	--	--	--	--	--	--
PCB-128/162	PCB-128/162	ppt	3	3	100	1,800	3,100	--	--	2,640	2,640	731	731	2,570	3,030	--	--
PCB-129	55215-18-4	ppt	3	3	100	396	997	--	--	759	759	320	320	704	885	--	--
PCB-130	52663-66-8	ppt	4	4	100	739	2,500	--	--	1,370	1,370	773	773	1,240	1,130	--	--
PCB-131	61798-70-7	ppt	4	1	25	490	490	8.02	40.7	134	--	238	--	30.0	20.3	--	--
PCB-132/161	38380-05-1/7447	ppt	3	3	100	2,970	5,460	--	--	4,390	4,390	1,280	1,280	4,250	4,750	--	--
PCB-133/142	PCB-133/142	ppt	3	3	100	390	597	--	--	514	514	109	109	505	554	--	--
PCB-134/143	PCB-134/143	ppt	4	4	100	623	2,200	--	--	1,210	1,210	688	688	1,080	999	--	--
PCB-135	52744-13-5	ppt	3	3	100	1,430	2,630	--	--	2,020	2,020	600	600	1,960	2,010	--	--
PCB-136	38411-22-2	ppt	4	4	100	1,290	4,300	--	--	2,560	2,560	1,320	1,320	2,320	2,330	--	--
PCB-137	35694-06-5	ppt	4	4	100	478	1,500	--	--	1,000	1,000	419	419	927	1,020	--	--
PCB-138/163/164	35065-28-2/7447	ppt	3	3	100	11,800	20,700	--	--	16,900	16,900	4,590	4,590	16,400	18,200	--	--
PCB-139/149	PCB-139/149	ppt	3	3	100	8,170	17,500	--	--	13,000	13,000	4,670	4,670	12,400	13,200	--	--
PCB-14	34883-41-5	ppt	4	0	0	--	--	8.02	81.4	--	--	--	--	--	--	--	--
PCB-140	59291-64-4	ppt	3	3	100	76.5	114	--	--	96.6	96.6	18.9	18.9	95.3	99.3	--	--
PCB-141	52712-04-6	ppt	4	4	100	1,610	6,500	--	--	3,720	3,720	2,080	2,080	3,290	3,390	--	--
PCB-144	68194-14-9	ppt	4	4	100	413	1,600	--	--	965	965	506	506	859	923	--	--
PCB-145	74472-40-5	ppt	4	2	50	8.98	10.7	5.00	8.02	6.55	--	3.91	--	5.57	6.49	--	--
PCB-146/165	51908-16-8/7447	ppt	3	3	100	2,050	3,020	--	--	2,490	2,490	492	492	2,460	2,390	--	--
PCB-147	68194-13-8	ppt	3	3	100	331	693	--	--	511	511	181	181	489	509	--	--
PCB-148	74472-41-6	ppt	4	4	100	32.7	87.0	--	--	53.4	53.4	24.7	24.7	49.4	46.8	--	--
PCB-15	2050-68-2	ppt	4	4	100	2,700	21,700	--	--	9,320	9,320	8,460	8,460	7,000	6,440	--	--
PCB-150	68194-08-1	ppt	4	4	100	46.4	97.5	--	--	68.7	68.7	22.1	22.1	66.1	65.4	--	--
PCB-151	52663-63-5	ppt	3	3	100	2,290	5,150	--	--	3,470	3,470	1,490	1,490	3,280	2,980	--	--
PCB-152	68194-09-2	ppt	4	4	100	16.7	35.7	--	--	27.6	27.6	9.35	9.40	26.3	28.9	--	--
PCB-153	35065-27-1	ppt	3	3	100	11,800	22,700	--	--	16,700	16,700	5,540	5,540	16,100	15,500	--	--
PCB-154	60145-22-4	ppt	4	4	100	272	546	--	--	402	402	128	128	386	394	--	--
PCB-155	33979-03-2	ppt	4	2	50	17.2	35.4	5.00	40.7	18.9	--	13.5	--	13.3	18.8	--	--
PCB-156	38380-08-4	ppt	3	3	100	1,090	2,030	--	--	1,680	1,680	516	516	1,620	1,930	--	--

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-157	69782-90-7	ppt	3	3	100	265	489	--	--	398	398	118	118	385	441	--	--
PCB-158/160	74472-42-7/4141	ppt	3	3	100	1,120	2,330	--	--	1,900	1,900	679	679	1,810	2,260	--	--
PCB-159	39635-35-3	ppt	4	1	25	390	390	8.02	40.7	109	--	188	--	28.3	20.3	--	--
PCB-16/32	PCB-16/32	ppt	3	3	100	5,070	9,210	--	--	6,740	6,740	2,180	2,180	6,520	5,930	--	--
PCB-166	41411-63-6	ppt	3	3	100	47.0	89.6	--	--	74.5	74.5	23.9	23.9	71.5	86.9	--	--
PCB-167	52663-72-6	ppt	4	4	100	488	1,500	--	--	892	892	430	430	822	791	--	--
PCB-168	59291-65-5	ppt	3	3	100	26.9	50.2	--	--	38.1	38.1	11.7	11.7	36.9	37.1	--	--
PCB-169	32774-16-6	ppt	4	0	0	--	--	6.74	100	--	--	--	--	--	--	--	--
PCB-17	37680-66-3	ppt	4	4	100	3,800	7,800	--	--	5,750	5,750	2,040	2,040	5,470	5,700	--	--
PCB-170	35065-30-6	ppt	4	4	100	2,450	8,600	--	--	4,870	4,870	2,750	2,750	4,330	4,210	--	--
PCB-171	52663-71-5	ppt	3	3	100	785	1,590	--	--	1,090	1,090	436	436	1,040	898	--	--
PCB-172	52663-74-8	ppt	4	4	100	453	1,600	--	--	894	894	521	521	789	761	--	--
PCB-173	68194-16-1	ppt	3	3	100	60.7	137	--	--	95.1	95.1	38.7	38.7	90.0	87.6	--	--
PCB-174	38411-25-5	ppt	4	4	100	2,800	10,000	--	--	5,830	5,830	3,380	3,380	5,100	5,260	--	--
PCB-175	40186-70-7	ppt	4	4	100	136	390	--	--	258	258	122	122	236	254	--	--
PCB-176	52663-65-7	ppt	4	4	100	407	1,400	--	--	824	824	476	476	721	745	--	--
PCB-177	52663-70-4	ppt	4	4	100	2,020	6,800	--	--	3,700	3,700	2,240	2,240	3,250	2,990	--	--
PCB-178	52663-67-9	ppt	4	4	100	762	2,200	--	--	1,370	1,370	719	719	1,220	1,250	--	--
PCB-179	52663-64-6	ppt	4	4	100	1,430	4,900	--	--	2,970	2,970	1,740	1,740	2,570	2,780	--	--
PCB-18	37680-65-2	ppt	3	3	100	5,810	11,400	--	--	9,200	9,200	2,980	2,980	8,830	10,400	--	--
PCB-180	35065-29-3	ppt	3	3	100	6,550	16,800	--	--	10,400	10,400	5,580	5,580	9,530	7,870	--	--
PCB-181	74472-47-2	ppt	4	4	100	21.7	66.7	--	--	48.1	48.1	19.0	19.0	44.4	52.0	--	--
PCB-182/187	PCB-182/187	ppt	3	3	100	4,740	12,500	--	--	7,370	7,370	4,440	4,440	6,610	4,880	--	--
PCB-183	52663-69-1	ppt	4	4	100	1,750	7,300	--	--	3,970	3,970	2,600	2,600	3,350	3,420	--	--
PCB-184	74472-48-3	ppt	4	2	50	12.1	17.3	5.00	40.3	13.0	--	7.76	--	10.1	14.7	--	--
PCB-185	52712-05-7	ppt	4	4	100	315	944	--	--	569	569	290	290	516	508	--	--
PCB-186	74472-49-4	ppt	4	0	0	--	--	5.00	40.7	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt	4	3	75	13.8	56.9	5.00	5.00	24.2	--	23.4	--	14.7	18.7	--	--
PCB-189	39635-31-9	ppt	4	4	100	105	320	--	--	193	193	92.8	92.8	178	174	--	--
PCB-19	38444-73-4	ppt	4	4	100	828	1,500	--	--	1,270	1,270	305	305	1,240	1,390	--	--
PCB-190	41411-64-7	ppt	4	4	100	547	1,800	--	--	1,070	1,070	565	565	958	959	--	--
PCB-191	74472-50-7	ppt	4	4	100	116	380	--	--	221	221	119	119	198	193	--	--
PCB-192	74472-51-8	ppt	4	0	0	--	--	8.02	40.7	--	--	--	--	--	--	--	--
PCB-193	69782-91-8	ppt	3	3	100	343	803	--	--	511	511	254	254	475	388	--	--
PCB-194	35694-08-7	ppt	4	4	100	1,810	6,300	--	--	3,860	3,860	2,380	2,380	3,270	3,660	--	--
PCB-195	52663-78-2	ppt	4	4	100	679	2,300	--	--	1,460	1,460	873	873	1,250	1,420	--	--
PCB-196/203	PCB-196/203	ppt	3	3	100	2,240	8,410	--	--	4,430	4,430	3,460	3,460	3,670	2,630	--	--
PCB-197	33091-17-7	ppt	4	4	100	75.8	239	--	--	157	157	89.4	89.4	137	157	--	--
PCB-198	68194-17-2	ppt	3	3	100	117	394	--	--	215	215	155	155	184	135	--	--

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-199	52663-75-9	ppt	4	4	100	1,200	9,250	--	--	3,900	3,900	3,630	3,630	2,930	2,580	--	--
PCB-2	2051-61-8	ppt	4	4	100	120	526	--	--	335	335	190	190	287	348	--	--
PCB-20/21/33	38444-84-7/5570	ppt	3	3	100	2,610	7,340	--	--	4,910	4,910	2,370	2,370	4,510	4,780	--	--
PCB-200	52663-73-7	ppt	3	3	100	247	878	--	--	467	467	357	357	391	275	--	--
PCB-201	40186-71-8	ppt	4	4	100	336	1,190	--	--	671	671	403	403	584	580	--	--
PCB-202	2136-99-4	ppt	4	4	100	563	3,240	--	--	1,860	1,860	1,310	1,310	1,460	1,820	--	--
PCB-204	74472-52-9	ppt	4	0	0	--	--	6.00	40.7	--	--	--	--	--	--	--	--
PCB-205	74472-53-0	ppt	4	4	100	77.5	300	--	--	172	172	111	111	143	154	--	--
PCB-206	40186-72-9	ppt	4	4	100	1,520	11,700	--	--	5,410	5,410	4,620	4,620	4,000	4,200	--	--
PCB-207	52663-79-3	ppt	4	4	100	160	1,090	--	--	562	562	441	441	421	499	--	--
PCB-208	52663-77-1	ppt	4	4	100	471	4,760	--	--	2,230	2,230	1,970	1,970	1,530	1,840	--	--
PCB-209	2051-24-3	ppt	4	4	100	796	15,400	--	--	7,050	7,050	6,900	6,900	3,970	6,010	--	--
PCB-22	38444-85-8	ppt	4	4	100	2,810	10,000	--	--	5,840	5,840	3,240	3,240	5,180	5,280	--	--
PCB-23	55720-44-0	ppt	4	2	50	9.65	18.2	21.0	40.7	14.7	--	5.39	--	13.9	14.4	--	--
PCB-24/27	PCB-24/27	ppt	3	3	100	823	2,130	--	--	1,430	1,430	658	658	1,330	1,340	--	--
PCB-25	55712-37-3	ppt	4	4	100	1,010	6,410	--	--	3,700	3,700	2,520	2,520	2,930	3,690	--	--
PCB-26	38444-81-4	ppt	3	3	100	1,610	9,040	--	--	4,980	4,980	3,760	3,760	3,960	4,280	--	--
PCB-28	7012-37-5	ppt	3	3	100	12,200	40,400	--	--	21,800	21,800	16,100	16,100	18,500	12,900	--	--
PCB-29	15862-07-4	ppt	3	3	100	28.6	60.1	--	--	42.7	42.7	16.0	16.0	40.7	39.3	--	--
PCB-3	2051-62-9	ppt	4	4	100	184	1,430	--	--	748	748	565	565	566	689	--	--
PCB-30	35693-92-6	ppt	3	1	33	9.57	9.57	40.3	40.7	16.7	--	6.17	--	15.8	20.1	--	--
PCB-31	16606-02-3	ppt	4	4	100	10,800	28,000	--	--	19,400	19,400	9,320	9,320	17,600	19,300	--	--
PCB-34	37680-68-5	ppt	4	4	100	46.5	257	--	--	147	147	89.0	89.0	124	143	--	--
PCB-35	37680-69-6	ppt	4	4	100	289	2,200	--	--	1,170	1,170	785	785	934	1,100	--	--
PCB-36	38444-87-0	ppt	4	2	50	18.3	78.5	22.0	40.7	32.0	--	31.2	--	23.8	19.3	--	--
PCB-37	38444-90-5	ppt	4	4	100	3,110	13,800	--	--	7,450	7,450	5,160	5,160	6,090	6,440	--	--
PCB-38	53555-66-1	ppt	4	3	75	54.4	215	24.0	24.0	116	--	98.4	--	71.3	119	--	--
PCB-39	38444-88-1	ppt	4	3	75	50.8	200	40.3	40.3	108	--	86.4	--	75.9	106	--	--
PCB-4/10	PCB-4/10	ppt	3	3	100	1,310	5,770	--	--	3,280	3,280	2,280	2,280	2,750	2,750	--	--
PCB-40	38444-93-8	ppt	3	3	100	666	2,160	--	--	1,330	1,330	760	760	1,190	1,170	--	--
PCB-41/64/71/72	52663-59-9/5266	ppt	3	3	100	6,150	9,450	--	--	7,730	7,730	1,650	1,650	7,620	7,600	--	--
PCB-42/59	36559-22-5/7447	ppt	3	3	100	3,720	4,960	--	--	4,160	4,160	691	691	4,130	3,810	--	--
PCB-43/49	PCB-43/49	ppt	3	3	100	10,800	16,400	--	--	14,200	14,200	2,970	2,970	13,900	15,300	--	--
PCB-44	41464-39-5	ppt	3	3	100	9,620	13,600	--	--	11,800	11,800	2,010	2,010	11,700	12,100	--	--
PCB-45	70362-45-7	ppt	4	4	100	877	4,800	--	--	2,350	2,350	1,700	1,700	1,950	1,860	--	--
PCB-46	41464-47-5	ppt	4	4	100	824	1,600	--	--	1,040	1,040	375	375	996	864	--	--
PCB-47	2437-79-8	ppt	3	3	100	3,620	10,400	--	--	7,280	7,280	3,420	3,420	6,660	7,830	--	--
PCB-48/75	70362-47-9/3259	ppt	3	3	100	1,640	2,240	--	--	1,990	1,990	312	312	1,970	2,090	--	--
PCB-5/8	PCB-5/8	ppt	3	3	100	2,390	10,400	--	--	7,660	7,660	4,570	4,570	6,330	10,200	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-50	62796-65-0	ppt	3	3	100	58.0	68.7	--	--	62.6	62.6	5.52	5.50	62.4	61.0	--	--
PCB-51	68194-04-7	ppt	4	4	100	589	4,800	--	--	2,140	2,140	1,880	1,880	1,590	1,590	--	--
PCB-52/69	35693-99-3/6023	ppt	3	3	100	13,800	17,700	--	--	15,700	15,700	1,950	1,950	15,600	15,600	--	--
PCB-53	41464-41-9	ppt	3	3	100	1,990	2,740	--	--	2,420	2,420	386	386	2,400	2,520	--	--
PCB-54	15968-05-5	ppt	4	4	100	26.0	116	--	--	67.5	67.5	37.7	37.7	59.0	64.0	--	--
PCB-55	74338-24-2	ppt	4	4	100	193	500	--	--	283	283	146	146	261	219	--	--
PCB-56/60	PCB-56/60	ppt	3	3	100	5,250	10,000	--	--	7,750	7,750	2,380	2,380	7,490	7,990	--	--
PCB-57	70424-67-8	ppt	4	3	75	67.0	201	23.0	23.0	107	--	84.3	--	69.3	108	--	--
PCB-58	41464-49-7	ppt	4	3	75	35.5	75.5	21.0	21.0	44.4	--	27.9	--	35.4	45.7	--	--
PCB-6	25569-80-6	ppt	4	4	100	416	3,460	--	--	1,910	1,910	1,280	1,280	1,480	1,880	--	--
PCB-61/70	PCB-61/70	ppt	3	3	100	12,600	18,300	--	--	15,700	15,700	2,880	2,880	15,500	16,200	--	--
PCB-62	54230-22-7	ppt	3	0	0	--	--	8.02	40.7	--	--	--	--	--	--	--	--
PCB-63	74472-34-7	ppt	4	4	100	493	1,700	--	--	998	998	507	507	907	899	--	--
PCB-65	33284-54-7	ppt	3	0	0	--	--	8.02	40.7	--	--	--	--	--	--	--	--
PCB-67	73575-53-8	ppt	4	4	100	363	1,100	--	--	643	643	349	349	576	554	--	--
PCB-68	73575-52-7	ppt	3	3	100	60.6	280	--	--	185	185	113	113	154	215	--	--
PCB-7/9	PCB-7/9	ppt	3	3	100	224	599	--	--	393	393	190	190	363	356	--	--
PCB-73	74338-23-1	ppt	4	0	0	--	--	7.00	40.7	--	--	--	--	--	--	--	--
PCB-74	32690-93-0	ppt	3	3	100	4,680	8,800	--	--	6,550	6,550	2,090	2,090	6,330	6,160	--	--
PCB-76/66	PCB-76/66	ppt	3	3	100	9,220	19,200	--	--	13,500	13,500	5,140	5,140	12,900	12,100	--	--
PCB-77	32598-13-3	ppt	4	4	100	1,190	5,800	--	--	3,300	3,300	1,900	1,900	2,860	3,110	--	--
PCB-78	70362-49-1	ppt	4	0	0	--	--	8.02	40.7	--	--	--	--	--	--	--	--
PCB-79	41464-48-6	ppt	4	3	75	165	580	40.3	40.3	243	--	239	--	141	186	--	--
PCB-80	33284-52-5	ppt	4	0	0	--	--	8.02	40.7	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt	4	4	100	47.0	109	--	--	74.9	74.9	29.6	29.6	70.4	71.7	--	--
PCB-82	52663-62-4	ppt	4	4	100	1,630	5,100	--	--	2,840	2,840	1,560	1,560	2,570	2,310	--	--
PCB-83	60145-20-2	ppt	3	1	33	8.30	8.30	40.3	40.7	16.3	--	6.90	--	15.0	20.1	--	--
PCB-84/92	52663-60-2/5266	ppt	3	3	100	5,860	8,490	--	--	7,190	7,190	1,320	1,320	7,110	7,230	--	--
PCB-85/116	PCB-85/116	ppt	3	3	100	2,170	3,140	--	--	2,660	2,660	485	485	2,630	2,670	--	--
PCB-86	55312-69-1	ppt	3	3	100	86.8	172	--	--	141	141	47.1	47.1	135	164	--	--
PCB-87/117/125	38380-02-8/6819	ppt	3	3	100	3,950	7,590	--	--	6,080	6,080	1,900	1,900	5,860	6,710	--	--
PCB-88/91	PCB-88/91	ppt	3	3	100	2,590	3,610	--	--	3,110	3,110	510	510	3,080	3,130	--	--
PCB-89	73575-57-2	ppt	4	4	100	142	560	--	--	283	283	189	189	245	215	--	--
PCB-90/101	PCB-90/101	ppt	3	3	100	13,300	22,200	--	--	18,500	18,500	4,640	4,640	18,100	20,000	--	--
PCB-93	73575-56-1	ppt	3	0	0	--	--	8.02	40.7	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt	4	4	100	90.9	293	--	--	175	175	85.5	85.5	160	158	--	--
PCB-95/98/102	38379-99-6/6023	ppt	3	3	100	9,740	16,500	--	--	12,800	12,800	3,430	3,430	12,500	12,100	--	--
PCB-96	73575-54-9	ppt	4	4	100	68.6	200	--	--	133	133	56.6	56.6	123	132	--	--
PCB-97	41464-51-1	ppt	3	3	100	4,170	6,190	--	--	5,370	5,370	1,060	1,060	5,300	5,760	--	--

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-99	38380-01-7	ppt	3	3	100	7,640	9,870	--	--	8,730	8,730	1,120	1,120	8,680	8,680	--	--
Total Congener PCBs (209)	No CAS	ppt	4	4	100	442,000	1,090,000	--	--	650,000	650,000	297,000	297,000	608,000	533,000	--	--
Total Congener PCBs (NOAA 1989)	No CAS	ppt	4	4	100	324,000	852,000	--	--	502,000	502,000	240,000	240,000	466,000	415,000	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	9	9	100	27.3	380	--	--	150	150	144	144	91.1	47.5	Ln	Ln
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	9	9	100	0.733	152	--	--	85.5	85.5	64.1	64.1	35.7	98.9	N/G	N/G
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	9	8	89	0.235	14.4	0.0793	0.0793	6.28	6.30	5.32	5.00	2.65	5.61	N/G/Ln	N
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	9	9	100	0.605	5.32	--	--	2.58	2.60	1.81	1.80	1.97	1.58	N/G/Ln	N/G/Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	9	9	100	0.215	25.7	--	--	14.8	14.8	10.5	10.5	7.07	16.9	N/G	N/G
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	9	9	100	0.983	24.0	--	--	8.87	8.90	8.99	9.00	4.81	2.68	G/Ln	G/Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	9	9	100	0.186	32.8	--	--	11.2	11.2	12.5	12.5	4.73	6.59	G/Ln	G/Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	9	9	100	1.48	14.5	--	--	6.15	6.20	5.17	5.20	4.34	2.87	G/Ln	G/Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	9	5	56	1.58	2.22	0.122	0.992	1.11	1.70	0.840	0.200	0.643	1.58	N/G/Ln	N/Ln
1,2,3,7,8-PeCDD	40321-76-4	ppt	9	9	100	0.363	4.89	--	--	2.28	2.30	1.63	1.60	1.65	1.46	N/G/Ln	N/G/Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt	9	9	100	0.127	14.2	--	--	7.25	7.30	4.94	4.90	3.89	8.19	N/G	N/G
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	9	9	100	0.168	8.10	--	--	4.36	4.40	2.72	2.70	2.72	4.70	N	N
2,3,4,7,8-PeCDF	57117-31-4	ppt	9	9	100	0.151	12.2	--	--	6.44	6.40	4.20	4.20	3.73	6.68	N	N
2,3,7,8-TCDD	1746-01-6	ppt	9	9	100	0.153	25.1	--	--	8.29	8.30	10.0	10.0	2.02	0.639	Ln	Ln
2,3,7,8-TCDF	51207-31-9	ppt	9	9	100	0.276	26.2	--	--	14.1	14.1	10.2	10.2	7.05	12.5	N/G	N/G
OCDD	3268-87-9	ppt	9	9	100	832	3,080	--	--	1,890	1,890	803	803	1,730	1,620	N/G/Ln	N/G/Ln
OCDF	39001-02-0	ppt	9	9	100	0.674	251	--	--	108	108	87.9	87.9	41.9	101	N/G	N/G
Total HpCDD	37871-00-4	ppt	9	9	100	104	873	--	--	370	370	318	318	255	131	NP	NP
Total HpCDF	38998-75-3	ppt	9	9	100	1.09	295	--	--	148	148	112	112	59.3	192	N	N
Total HxCDD	34465-46-8	ppt	9	9	100	35.7	269	--	--	116	116	89.2	89.2	89.2	63.1	N/G/Ln	N/G/Ln
Total HxCDF	55684-94-1	ppt	9	9	100	1.50	219	--	--	119	119	86.3	86.3	55.2	133	N/G	N/G
Total PeCDD	36088-22-9	ppt	9	9	100	7.20	75.1	--	--	38.6	38.6	24.1	24.1	29.9	30.6	N/G/Ln	N/G/Ln
Total PeCDF	30402-15-4	ppt	9	9	100	1.29	234	--	--	121	121	81.3	81.3	59.9	144	N	N
Total TCDD	41903-57-5	ppt	9	9	100	4.51	98.0	--	--	46.7	46.7	38.2	38.2	29.3	26.7	N/G/Ln	N/G/Ln
Total TCDF	55722-27-5	ppt	9	9	100	2.59	431	--	--	195	195	150	150	97.5	157	N/G	N/G
Congener PCBs																	
PCB-1	2051-60-7	ppt	9	7	78	21.2	3,820	41.3	41.7	1,190	1,190	1,560	1,470	178	23.9	N/G	G
PCB-100	39485-83-1	ppt	9	4	44	96.0	297	41.3	41.7	109	--	117	--	57.1	20.9	--	--
PCB-103	60145-21-3	ppt	9	5	56	27.8	449	41.3	41.7	154	157	176	163	69.4	27.8	N/G/Ln	N/Ln
PCB-104	56558-16-8	ppt	9	2	22	13.2	16.5	13.7	41.9	17.9	--	4.95	--	17.0	20.6	--	--
PCB-105	32598-14-4	ppt	9	9	100	18.7	5,940	--	--	2,540	2,540	2,610	2,610	668	882	G/Ln	G/Ln
PCB-106/118	PCB-106/118	ppt	9	9	100	56.6	19,500	--	--	7,460	7,460	7,930	7,930	1,850	2,300	G/Ln	G/Ln
PCB-107/109	70424-68-9/7447	ppt	9	6	67	140	1,800	41.3	41.7	640	680	712	636	202	151	N/G/Ln	N/Ln
PCB-108/112	70362-41-3/7447	ppt	9	6	67	99.2	1,320	41.3	41.7	468	494	518	465	164	114	N/G/Ln	N/Ln

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-11	2050-67-1	ppt	9	5	56	50.5	9,640	41.4	44.3	2,880	2,900	3,850	3,620	284	50.5	N/G	N/G
PCB-110	38380-03-9	ppt	9	9	100	70.8	26,100	--	--	9,790	9,790	10,500	10,500	2,360	2,750	G/Ln	G/Ln
PCB-111/115	PCB-111/115	ppt	9	6	67	40.2	307	41.3	41.7	126	133	120	107	72.9	47.6	N/G/Ln	N/Ln
PCB-113	68194-10-5	ppt	9	4	44	56.3	181	41.3	41.7	54.8	--	53.9	--	39.1	20.9	--	--
PCB-114	74472-37-0	ppt	9	5	56	51.7	326	11.5	55.5	143	160	146	122	55.3	51.7	NP	NP
PCB-119	56558-17-9	ppt	9	6	67	44.4	891	41.3	41.7	288	296	345	319	107	45.2	N/G/Ln	N/Ln
PCB-12/13	PCB-12/13	ppt	9	4	44	1,230	5,760	41.3	41.7	1,720	--	2,390	--	197	20.9	--	--
PCB-120	68194-12-7	ppt	9	4	44	32.0	110	41.3	41.7	44.8	--	36.2	--	34.9	20.9	--	--
PCB-121	56558-18-0	ppt	9	0	0	--	--	8.29	41.9	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt	9	4	44	166	266	41.3	41.7	98.6	--	96.7	--	55.8	20.9	--	--
PCB-123	65510-44-3	ppt	9	5	56	29.2	349	10.7	53.8	136	143	145	130	50.6	29.2	N	NP
PCB-124	70424-70-3	ppt	9	6	67	96.9	612	41.3	41.7	267	293	256	217	127	126	N/G	N/Ln
PCB-126	57465-28-8	ppt	9	4	44	82.8	122	12.5	25.7	50.9	--	50.0	--	26.8	12.9	--	--
PCB-127	39635-33-1	ppt	9	0	0	--	--	8.29	41.9	--	--	--	--	--	--	--	--
PCB-128/162	PCB-128/162	ppt	9	8	89	12.2	2,640	41.3	41.3	1,110	1,110	1,130	1,060	327	397	G/Ln	G/Ln
PCB-129	55215-18-4	ppt	9	6	67	115	652	41.3	41.7	263	294	252	208	126	116	N/G	N/Ln
PCB-130	52663-66-8	ppt	9	6	67	165	1,280	41.3	41.7	501	549	513	439	187	176	N	N/Ln
PCB-131	61798-70-7	ppt	9	0	0	--	--	8.29	41.9	--	--	--	--	--	--	--	--
PCB-132/161	38380-05-1/7447	ppt	9	8	89	18.5	4,590	41.3	41.3	1,910	1,910	1,960	1,850	519	673	G/Ln	N/G/Ln
PCB-133/142	PCB-133/142	ppt	9	6	67	126	600	41.3	41.7	252	287	232	185	126	131	N/G/Ln	N/Ln
PCB-134/143	PCB-134/143	ppt	9	7	78	16.2	813	41.3	41.7	371	370	368	348	150	132	NP	Ln
PCB-135	52744-13-5	ppt	9	7	78	50.1	2,480	41.3	41.7	978	985	984	921	335	431	N/G/Ln	N
PCB-136	38411-22-2	ppt	9	7	78	52.5	2,260	41.3	41.7	896	904	884	826	322	425	N/G/Ln	N
PCB-137	35694-06-5	ppt	9	6	67	120	692	41.3	41.7	295	328	284	236	135	123	N	N/Ln
PCB-138/163/164	35065-28-2/7447	ppt	9	9	100	52.7	17,500	--	--	7,290	7,290	7,240	7,240	1,980	3,180	G	G
PCB-139/149	PCB-139/149	ppt	9	9	100	45.2	14,600	--	--	6,220	6,220	5,750	5,750	1,910	4,160	N/G	N/G
PCB-14	34883-41-5	ppt	9	0	0	--	--	8.29	41.9	--	--	--	--	--	--	--	--
PCB-140	59291-64-4	ppt	9	5	56	20.5	156	41.3	41.7	64.7	64.6	56.1	53.0	44.6	20.9	N/G/Ln	N/Ln
PCB-141	52712-04-6	ppt	9	7	78	84.0	2,380	41.3	41.7	1,070	1,080	931	861	409	786	N/G	N
PCB-144	68194-14-9	ppt	9	7	78	32.9	672	41.3	41.7	317	320	268	250	163	267	N/G	N/Ln
PCB-145	74472-40-5	ppt	9	0	0	--	--	8.29	41.9	--	--	--	--	--	--	--	--
PCB-146/165	51908-16-8/7447	ppt	9	7	78	88.5	3,260	41.3	41.7	1,300	1,320	1,250	1,170	449	742	N/G/Ln	N
PCB-147	68194-13-8	ppt	9	5	56	65.2	585	41.3	59.0	227	246	242	212	97.2	65.2	N/G	N/Ln
PCB-148	74472-41-6	ppt	9	4	44	20.1	72.8	41.3	41.7	33.6	--	20.7	--	29.1	20.9	--	--
PCB-15	2050-68-2	ppt	9	7	78	144	34,500	41.7	46.1	10,400	10,500	14,800	13,900	871	177	G	N/G/Ln
PCB-150	68194-08-1	ppt	9	4	44	26.7	75.3	41.3	41.7	36.0	--	22.1	--	31.1	20.9	--	--
PCB-151	52663-63-5	ppt	9	7	78	276	4,070	41.3	41.7	1,940	2,000	1,510	1,350	723	2,300	N/G	N
PCB-152	68194-09-2	ppt	9	4	44	19.1	28.3	41.3	41.7	21.9	--	2.99	--	21.7	20.7	--	--
PCB-153	35065-27-1	ppt	9	9	100	49.5	17,700	--	--	8,400	8,400	6,720	6,720	2,740	8,530	N	N

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-154	60145-22-4	ppt	9	6	67	108	638	41.3	41.7	228	257	237	199	112	111	N/G/Ln	N/Ln
PCB-155	33979-03-2	ppt	9	4	44	21.5	57.2	41.3	41.7	30.5	--	14.8	--	27.8	20.9	--	--
PCB-156	38380-08-4	ppt	9	7	78	24.6	1,470	7.38	9.47	648	653	645	604	166	277	N/G	N
PCB-157	69782-90-7	ppt	9	6	67	52.5	378	8.17	21.6	158	173	161	137	56.8	52.6	N	N
PCB-158/160	74472-42-7/4141	ppt	9	7	78	33.5	1,660	41.3	41.7	739	742	725	681	267	318	N/G	N/Ln
PCB-159	39635-35-3	ppt	9	0	0	--	--	8.29	41.9	--	--	--	--	--	--	--	--
PCB-16/32	PCB-16/32	ppt	9	6	67	179	13,500	41.3	46.3	4,230	4,280	5,540	5,180	497	192	N/G	N/G
PCB-166	41411-63-6	ppt	9	4	44	44.8	57.3	41.3	41.7	34.2	--	16.5	--	30.9	20.9	--	--
PCB-167	52663-72-6	ppt	9	6	67	119	674	8.86	22.0	288	325	284	231	91.1	131	N	N
PCB-168	59291-65-5	ppt	9	4	44	22.1	49.2	41.3	41.7	26.3	--	9.93	--	25.0	20.9	--	--
PCB-169	32774-16-6	ppt	9	0	0	--	--	6.33	34.1	--	--	--	--	--	--	--	--
PCB-17	37680-66-3	ppt	9	6	67	97.6	11,200	41.3	41.7	3,420	3,440	4,570	4,290	389	108	N/G	N/G/Ln
PCB-170	35065-30-6	ppt	9	7	78	197	3,480	41.3	41.7	1,710	1,750	1,350	1,220	639	1,800	N/G	N
PCB-171	52663-71-5	ppt	9	6	67	505	1,150	41.3	60.6	553	713	439	231	244	577	N/G/Ln	N/Ln
PCB-172	52663-74-8	ppt	9	7	78	78.3	965	41.3	41.7	452	465	349	313	235	491	N/G	N
PCB-173	68194-16-1	ppt	9	4	44	36.7	76.5	41.3	52.7	39.9	--	24.2	--	34.2	26.4	--	--
PCB-174	38411-25-5	ppt	9	8	89	17.9	7,760	41.7	41.7	3,220	3,220	2,690	2,540	1,110	3,270	N	N/G
PCB-175	40186-70-7	ppt	9	6	67	140	364	41.3	41.7	163	203	126	76.9	101	173	N/G/Ln	N/Ln
PCB-176	52663-65-7	ppt	9	7	78	99.8	772	41.3	41.7	416	434	296	255	230	475	N	N
PCB-177	52663-70-4	ppt	9	7	78	358	3,090	41.3	41.7	1,740	1,820	1,250	1,070	700	2,380	N	NP
PCB-178	52663-67-9	ppt	9	7	78	340	2,750	41.3	41.7	1,060	1,130	991	862	453	894	N/G/Ln	N/Ln
PCB-179	52663-64-6	ppt	9	7	78	770	5,250	41.3	41.7	2,080	2,250	1,870	1,590	789	1,860	N/G/Ln	N/Ln
PCB-18	37680-65-2	ppt	9	9	100	31.7	16,700	--	--	5,320	5,320	6,810	6,810	765	302	G/Ln	G/Ln
PCB-180	35065-29-3	ppt	9	9	100	25.4	26,200	--	--	9,480	9,480	9,270	9,270	2,740	7,540	N/G	N/G
PCB-181	74472-47-2	ppt	9	6	67	25.8	103	41.3	41.7	41.0	43.7	28.7	25.3	34.6	29.3	N/G/Ln	G/Ln
PCB-182/187	PCB-182/187	ppt	9	7	78	3,920	25,700	41.3	41.7	8,660	9,530	9,540	8,280	2,220	5,610	G/Ln	N/Ln
PCB-183	52663-69-1	ppt	9	7	78	800	6,090	41.3	41.7	2,390	2,560	2,190	1,890	871	2,000	N/G/Ln	N/Ln
PCB-184	74472-48-3	ppt	9	5	56	22.6	32.2	41.3	41.9	23.9	26.3	4.18	3.80	23.6	22.6	N/G/Ln	N/G/Ln
PCB-185	52712-05-7	ppt	9	7	78	257	1,790	41.3	41.7	556	609	644	567	253	325	NP	N/Ln
PCB-186	74472-49-4	ppt	9	0	0	--	--	8.29	41.9	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt	9	6	67	14.2	55.4	41.3	41.7	30.4	32.8	13.2	11.9	28.0	29.6	N/G/Ln	N/G/Ln
PCB-189	39635-31-9	ppt	9	6	67	89.0	145	4.89	8.52	74.7	103	56.1	18.3	32.9	89.6	N/G/Ln	N/G/Ln
PCB-19	38444-73-4	ppt	9	5	56	20.1	2,100	41.3	41.7	650	650	853	805	130	20.9	N/G	N/G/Ln
PCB-190	41411-64-7	ppt	9	7	78	101	769	41.3	41.7	463	481	319	275	250	612	NP	NP
PCB-191	74472-50-7	ppt	9	6	67	118	146	41.3	41.7	91.0	123	53.3	8.70	69.0	119	N/G/Ln	N/G/Ln
PCB-192	74472-51-8	ppt	9	0	0	--	--	8.29	41.9	--	--	--	--	--	--	--	--
PCB-193	69782-91-8	ppt	9	7	78	87.7	797	41.3	41.7	376	391	289	254	208	383	N/G/Ln	N
PCB-194	35694-08-7	ppt	9	7	78	1,730	20,700	41.3	41.7	5,680	6,060	7,960	7,250	1,310	2,100	NP	N/Ln
PCB-195	52663-78-2	ppt	9	7	78	640	4,070	41.3	41.7	1,280	1,420	1,440	1,250	498	789	NP	N/Ln

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-196/203	PCB-196/203	ppt	9	7	78	2,590	40,300	41.3	41.7	10,600	11,100	16,400	15,100	1,830	2,970	NP	N/Ln
PCB-197	33091-17-7	ppt	9	7	78	74.9	662	41.3	41.7	199	211	245	223	104	92.8	NP	N/Ln
PCB-198	68194-17-2	ppt	9	7	78	115	2,450	41.3	41.7	612	633	1,010	940	169	124	NP	N/Ln
PCB-199	52663-75-9	ppt	9	7	78	2,610	49,200	41.3	41.7	12,900	13,400	20,500	19,000	2,010	3,280	NP	N/Ln
PCB-2	2051-61-8	ppt	9	9	100	43.0	951	--	--	348	348	351	351	207	152	G/Ln	G/Ln
PCB-20/21/33	38444-84-7/5570	ppt	9	7	78	54.4	9,840	41.3	41.7	3,110	3,120	3,990	3,760	474	192	N/G/Ln	N/G/Ln
PCB-200	52663-73-7	ppt	9	7	78	269	2,840	41.3	41.7	792	847	1,090	992	285	294	NP	N/Ln
PCB-201	40186-71-8	ppt	9	7	78	316	5,250	41.3	41.7	1,390	1,460	2,100	1,930	393	457	NP	N/Ln
PCB-202	2136-99-4	ppt	9	7	78	659	21,800	41.3	41.7	5,440	5,580	9,200	8,590	878	1,170	NP	N/Ln
PCB-204	74472-52-9	ppt	9	2	22	92.6	108	8.29	41.9	36.6	--	36.7	--	24.6	20.9	--	--
PCB-205	74472-53-0	ppt	9	7	78	75.6	813	41.3	41.7	229	241	320	294	103	78.5	NP	N/Ln
PCB-206	40186-72-9	ppt	9	8	89	17.2	70,100	41.7	41.7	17,200	17,200	29,800	28,100	1,940	2,930	G/Ln	G/Ln
PCB-207	52663-79-3	ppt	9	7	78	174	4,940	41.3	41.7	1,230	1,270	2,040	1,900	292	272	NP	N/Ln
PCB-208	52663-77-1	ppt	9	7	78	572	30,900	41.3	41.7	7,350	7,470	13,200	12,300	885	1,050	NP	N/Ln
PCB-209	2051-24-3	ppt	9	7	78	751	37,700	41.3	41.7	9,220	9,380	15,700	14,700	1,250	2,240	Ln	N/Ln
PCB-22	38444-85-8	ppt	9	7	78	35.0	10,600	41.3	41.7	3,160	3,170	4,170	3,930	440	168	N/G/Ln	N/G/Ln
PCB-23	55720-44-0	ppt	9	4	44	12.4	29.1	41.3	41.7	20.4	--	4.54	--	20.0	20.7	--	--
PCB-24/27	PCB-24/27	ppt	9	6	67	16.5	3,060	41.3	41.7	949	948	1,270	1,200	149	20.9	N/G	N/G
PCB-25	55712-37-3	ppt	9	6	67	26.8	9,670	41.3	41.7	2,830	2,830	3,940	3,710	261	28.4	N/G	N/G
PCB-26	38444-81-4	ppt	9	6	67	59.5	12,500	41.3	41.7	3,790	3,800	5,270	4,960	357	71.4	N/G/Ln	N/G/Ln
PCB-28	7012-37-5	ppt	9	9	100	70.3	63,800	--	--	17,800	17,800	24,800	24,800	1,780	541	G/Ln	G/Ln
PCB-29	15862-07-4	ppt	9	4	44	37.1	104	41.3	41.7	46.1	--	35.5	--	36.1	20.9	--	--
PCB-3	2051-62-9	ppt	9	7	78	63.9	2,040	41.3	41.7	788	798	905	845	222	81.4	N/G	N/Ln
PCB-30	35693-92-6	ppt	9	3	33	8.78	17.3	41.3	41.9	18.6	--	4.01	--	18.1	20.6	--	--
PCB-31	16606-02-3	ppt	9	9	100	53.8	41,600	--	--	12,900	12,900	17,300	17,300	1,400	457	G/Ln	G/Ln
PCB-34	37680-68-5	ppt	9	4	44	67.6	364	41.3	41.7	117	--	140	--	56.6	20.9	--	--
PCB-35	37680-69-6	ppt	9	4	44	369	1,620	41.3	41.7	536	--	709	--	117	20.9	--	--
PCB-36	38444-87-0	ppt	9	3	33	75.5	117	41.3	41.9	45.2	--	38.1	--	34.2	20.9	--	--
PCB-37	38444-90-5	ppt	9	6	67	131	19,200	41.3	41.7	6,030	6,060	8,140	7,650	523	132	N/G	N/G/Ln
PCB-38	53555-66-1	ppt	9	4	44	105	209	41.3	41.7	82.2	--	77.4	--	50.6	20.9	--	--
PCB-39	38444-88-1	ppt	9	4	44	38.3	231	41.3	41.7	84.0	--	92.8	--	47.4	20.9	--	--
PCB-4/10	PCB-4/10	ppt	9	4	44	1,410	8,140	41.3	41.7	2,460	--	3,490	--	227	20.9	--	--
PCB-40	38444-93-8	ppt	9	6	67	54.5	1,650	41.3	41.7	446	457	602	559	132	65.0	N/G/Ln	N/G/Ln
PCB-41/64/71/72	52663-59-9/5266	ppt	8	8	100	37.5	11,700	--	--	3,280	3,280	4,540	4,540	559	392	G/Ln	G/Ln
PCB-42/59	36559-22-5/7447	ppt	9	8	89	15.0	8,800	41.7	41.7	2,730	2,730	3,460	3,260	397	199	N/G/Ln	N/G/Ln
PCB-43/49	PCB-43/49	ppt	9	9	100	48.2	26,400	--	--	8,480	8,480	10,600	10,600	1,310	708	G/Ln	G/Ln
PCB-44	41464-39-5	ppt	9	9	100	40.8	20,300	--	--	6,610	6,610	7,940	7,940	1,230	904	G/Ln	G/Ln
PCB-45	70362-45-7	ppt	9	6	67	100	2,830	41.3	41.7	925	951	1,120	1,030	221	102	N/G	N/G/Ln
PCB-46	41464-47-5	ppt	9	6	67	41.0	1,240	41.3	41.7	424	431	497	463	130	48.4	N/G	N/G

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2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-47	2437-79-8	ppt	9	8	89	22.2	12,800	41.7	41.7	3,970	3,970	5,120	4,820	493	195	N/G/Ln	N/G/Ln
PCB-48/75	70362-47-9/3259	ppt	9	6	67	135	4,330	41.3	41.7	1,390	1,420	1,720	1,590	283	147	N/G/Ln	N/G/Ln
PCB-5/8	PCB-5/8	ppt	9	6	67	54.1	14,100	41.3	41.7	4,480	4,490	6,140	5,780	375	54.1	N/G	N/G/Ln
PCB-50	62796-65-0	ppt	9	4	44	32.5	109	41.3	41.7	44.3	--	34.7	--	34.9	20.9	--	--
PCB-51	68194-04-7	ppt	9	6	67	31.8	1,510	41.3	41.7	513	517	618	579	133	33.5	N/G	N/G
PCB-52/69	35693-99-3/6023	ppt	9	9	100	48.6	24,300	--	--	8,550	8,550	9,430	9,430	2,210	2,380	N/G/Ln	N/G/Ln
PCB-53	41464-41-9	ppt	9	7	78	14.7	3,610	41.7	41.7	1,220	1,220	1,470	1,390	246	113	N/G/Ln	N/G/Ln
PCB-54	15968-05-5	ppt	9	4	44	42.7	82.5	41.3	41.7	38.2	--	23.3	--	32.8	20.9	--	--
PCB-55	74338-24-2	ppt	9	5	56	15.9	371	41.3	41.7	134	132	144	138	62.6	20.9	N/G	N/Ln
PCB-56/60	PCB-56/60	ppt	9	9	100	35.7	16,200	--	--	5,310	5,310	6,520	6,520	895	537	G/Ln	G/Ln
PCB-57	70424-67-8	ppt	9	4	44	92.8	335	41.3	41.7	113	--	128	--	57.5	20.9	--	--
PCB-58	41464-49-7	ppt	9	4	44	38.6	200	41.3	41.7	66.8	--	69.2	--	42.8	20.9	--	--
PCB-6	25569-80-6	ppt	9	4	44	941	4,970	41.3	41.7	1,550	--	2,160	--	186	20.9	--	--
PCB-61/70	PCB-61/70	ppt	9	9	100	58.0	28,800	--	--	9,630	9,630	11,500	11,500	1,770	1,280	G/Ln	G/Ln
PCB-62	54230-22-7	ppt	9	0	0	--	--	8.29	41.9	--	--	--	--	--	--	--	--
PCB-63	74472-34-7	ppt	9	6	67	32.6	1,550	41.3	41.7	499	503	623	583	131	37.0	N/G/Ln	N/G/Ln
PCB-65	33284-54-7	ppt	9	0	0	--	--	8.29	41.9	--	--	--	--	--	--	--	--
PCB-67	73575-53-8	ppt	9	6	67	18.7	1,250	41.3	41.7	393	393	496	468	104	21.5	N/G	N/G/Ln
PCB-68	73575-52-7	ppt	8	3	38	56.8	183	41.3	41.7	56.8	--	60.2	--	38.1	20.9	--	--
PCB-7/9	PCB-7/9	ppt	9	4	44	347	814	41.3	41.7	288	--	345	--	91.7	20.9	--	--
PCB-73	74338-23-1	ppt	9	0	0	--	--	8.29	41.9	--	--	--	--	--	--	--	--
PCB-74	32690-93-0	ppt	9	9	100	22.3	14,100	--	--	4,560	4,560	5,600	5,600	738	498	G/Ln	G/Ln
PCB-76/66	PCB-76/66	ppt	9	9	100	48.3	32,500	--	--	10,000	10,000	12,800	12,800	1,480	894	G/Ln	G/Ln
PCB-77	32598-13-3	ppt	9	6	67	65.6	4,600	7.09	16.2	1,500	1,520	1,960	1,830	160	80.7	N/G/Ln	N/G
PCB-78	70362-49-1	ppt	9	0	0	--	--	8.29	41.9	--	--	--	--	--	--	--	--
PCB-79	41464-48-6	ppt	9	6	67	30.5	303	41.3	41.7	117	120	117	107	65.3	31.0	N/G/Ln	N/Ln
PCB-80	33284-52-5	ppt	9	0	0	--	--	8.29	41.9	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt	9	5	56	24.7	96.1	7.36	36.5	41.6	48.7	36.9	28.1	23.7	24.7	N/G/Ln	N
PCB-82	52663-62-4	ppt	9	7	78	28.4	2,450	41.3	41.7	969	970	1,020	960	292	284	N/G/Ln	N/Ln
PCB-83	60145-20-2	ppt	9	2	22	15.9	16.6	8.29	41.9	17.9	--	5.53	--	16.4	20.6	--	--
PCB-84/92	52663-60-2/5266	ppt	9	9	100	29.2	9,290	--	--	3,450	3,450	3,700	3,700	885	1,110	N/G/Ln	N/G/Ln
PCB-85/116	PCB-85/116	ppt	9	7	78	34.9	3,700	41.3	41.7	1,370	1,380	1,500	1,410	364	344	N/G/Ln	N/Ln
PCB-86	55312-69-1	ppt	9	4	44	59.7	100	41.3	41.7	46.2	--	31.9	--	37.1	20.9	--	--
PCB-87/117/125	38380-02-8/6819	ppt	9	8	89	17.8	5,840	41.3	41.3	2,490	2,500	2,550	2,410	651	927	N/G/Ln	N/G/Ln
PCB-88/91	PCB-88/91	ppt	9	7	78	40.4	4,310	41.3	41.7	1,520	1,530	1,730	1,630	378	303	N/G/Ln	N/G/Ln
PCB-89	73575-57-2	ppt	9	6	67	24.3	307	41.3	41.7	111	112	112	104	61.0	25.1	N/G/Ln	N/Ln
PCB-90/101	PCB-90/101	ppt	9	9	100	62.8	20,600	--	--	8,130	8,130	8,460	8,460	2,110	2,750	G/Ln	G/Ln
PCB-93	73575-56-1	ppt	9	0	0	--	--	8.29	41.9	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt	9	4	44	107	234	41.3	41.7	89.4	--	88.2	--	52.6	20.9	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-95/98/102	38379-99-6/6023	ppt	9	9	100	37.8	15,800	--	--	5,950	5,950	6,320	6,320	1,480	1,870	G/Ln	G/Ln
PCB-96	73575-54-9	ppt	9	4	44	69.1	105	41.3	41.7	47.5	--	33.2	--	37.7	20.9	--	--
PCB-97	41464-51-1	ppt	9	7	78	76.8	6,730	41.3	41.7	2,550	2,560	2,740	2,570	614	698	N/G/Ln	N/Ln
PCB-99	38380-01-7	ppt	9	9	100	20.3	12,300	--	--	4,440	4,440	4,890	4,890	1,010	1,260	N/G/Ln	N/G/Ln
Total Congener PCBs (209)	No CAS	ppt	9	9	100	1,120	804,000	--	--	358,000	358,000	291,000	291,000	101,000	406,000	N	N
Total Congener PCBs (NOAA 1989)	No CAS	ppt	9	9	100	1,080	577,000	--	--	274,000	274,000	213,000	213,000	81,900	359,000	N	N
Subsurface (>3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	21	21	100	11.3	2,020	--	--	490	490	694	694	117	48.2	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	21	18	86	0.252	997	0.179	0.247	215	215	319	311	14.6	22.4	G/Ln	G
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	21	15	71	0.232	48.9	0.0999	0.155	12.6	12.7	17.9	17.4	1.67	2.85	G/Ln	NP
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	21	21	100	0.353	20.2	--	--	5.48	5.50	6.85	6.90	2.21	1.42	NP	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	21	16	76	0.110	160	0.0784	0.128	35.4	35.5	51.6	50.4	3.33	5.99	G/Ln	N/G
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	21	21	100	0.483	142	--	--	31.1	31.1	45.7	45.7	5.85	2.58	NP	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	21	17	81	0.109	55.6	0.0861	0.133	13.1	13.1	17.8	17.4	2.16	3.62	G/Ln	N/G
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	21	21	100	0.752	73.2	--	--	16.8	16.8	22.8	22.8	5.48	2.64	NP	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	21	12	57	0.372	4.23	0.0605	2.02	1.26	1.40	1.32	1.20	0.501	1.01	N/G/Ln	N
1,2,3,7,8-PeCDD	40321-76-4	ppt	21	20	95	0.307	32.7	0.318	0.318	6.79	6.80	9.90	9.70	1.92	1.38	NP	G/Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt	21	15	71	0.413	47.1	0.118	0.184	11.6	11.7	15.2	14.8	2.19	4.62	G/Ln	NP
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	21	16	76	0.117	30.2	0.0955	0.229	8.24	8.30	10.2	10.0	1.78	3.03	G/Ln	N
2,3,4,7,8-PeCDF	57117-31-4	ppt	21	16	76	0.191	45.7	0.150	0.188	12.5	12.5	16.2	15.8	2.45	4.00	G/Ln	NP
2,3,7,8-TCDD	1746-01-6	ppt	21	17	81	0.0909	956	0.127	0.280	136	136	284	278	2.65	0.447	NP	G
2,3,7,8-TCDF	51207-31-9	ppt	21	17	81	0.127	84.8	0.139	0.227	19.8	19.8	26.3	25.6	3.44	7.57	G/Ln	N
OCDD	3268-87-9	ppt	21	21	100	226	21,800	--	--	5,190	5,190	6,600	6,600	2,290	1,500	Ln	Ln
OCDF	39001-02-0	ppt	21	17	81	0.434	2,060	0.379	0.575	439	439	672	656	22.4	35.4	G/Ln	N/G
Total HpCDD	37871-00-4	ppt	21	21	100	47.1	4,460	--	--	1,080	1,080	1,470	1,470	337	133	NP	NP
Total HpCDF	38998-75-3	ppt	21	18	86	0.252	2,040	0.186	0.258	452	452	683	667	22.2	32.9	G/Ln	G/Ln
Total HxCDD	34465-46-8	ppt	21	21	100	21.8	1,220	--	--	288	288	372	372	117	60.2	NP	NP
Total HxCDF	55684-94-1	ppt	21	21	100	0.0889	1,090	--	--	255	255	368	368	20.0	44.3	G	G
Total PeCDD	36088-22-9	ppt	21	21	100	4.06	276	--	--	72.5	72.5	86.2	86.2	31.1	30.8	G/Ln	G/Ln
Total PeCDF	30402-15-4	ppt	21	20	95	0.167	2,880	0.442	0.442	465	465	787	768	30.8	65.8	G/Ln	G/Ln
Total TCDD	41903-57-5	ppt	21	21	100	2.08	1,200	--	--	203	203	358	358	32.4	22.5	Ln	Ln
Total TCDF	55722-27-5	ppt	21	21	100	0.476	6,100	--	--	952	952	1,660	1,660	66.8	113	G/Ln	G/Ln
Dioxins/Furans																	
PCB-1	2051-60-7	ppt	21	12	57	10.6	19,300	2.50	206	3,140	3,140	5,420	5,290	132	20.6	G	N
PCB-100	39485-83-1	ppt	21	8	38	391	827	2.50	206	271	497	337	169	62.5	20.6	G	NP
PCB-103	60145-21-3	ppt	21	8	38	647	1,660	2.50	206	475	860	629	348	77.8	20.6	N/G/Ln	NP
PCB-104	56558-16-8	ppt	21	3	14	17.7	67.4	2.50	209	41.6	--	38.2	--	24.1	20.5	--	--
PCB-105	32598-14-4	ppt	21	8	38	6,700	85,300	0.723	41.3	17,400	21,500	30,000	26,900	117	14.0	N/G/Ln	NP

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-106/118	PCB-106/118	ppt	21	16	76	2.71	198,000	6.61	41.3	42,100	42,100	69,900	68,200	324	33.5	NP	G
PCB-107/109	70424-68-9/7447	ppt	21	8	38	2,170	15,000	2.50	206	3,210	4,530	5,130	4,200	152	20.6	N/G/Ln	NP
PCB-108/112	70362-41-3/7447	ppt	21	8	38	1,550	13,300	2.50	206	2,760	3,700	4,490	3,820	142	20.6	N/G/Ln	NP
PCB-11	2050-67-1	ppt	21	9	43	31.4	109,000	3.38	206	21,300	21,300	36,300	35,400	322	31.4	N/G	NP
PCB-110	38380-03-9	ppt	21	15	71	3.07	288,000	40.0	41.3	59,400	59,400	98,800	96,400	491	20.6	NP	G
PCB-111/115	PCB-111/115	ppt	21	8	38	311	5,490	2.50	206	1,050	1,220	1,790	1,650	91.9	20.6	N/G/Ln	NP
PCB-113	68194-10-5	ppt	21	8	38	151	1,070	2.50	206	266	344	373	314	58.6	20.6	N	NP
PCB-114	74472-37-0	ppt	21	8	38	340	6,190	1.02	41.3	1,170	1,380	2,050	1,890	43.0	13.0	N/G/Ln	NP
PCB-119	56558-17-9	ppt	21	8	38	1,150	4,680	2.50	206	1,130	1,830	1,650	1,160	106	20.6	N/G/Ln	NP
PCB-12/13	PCB-12/13	ppt	21	8	38	5,740	20,500	2.50	206	3,830	7,370	5,890	3,720	171	20.6	G/Ln	NP
PCB-120	68194-12-7	ppt	21	8	38	122	2,000	2.50	206	305	365	514	469	58.2	20.6	N/G/Ln	NP
PCB-121	56558-18-0	ppt	21	0	0	--	--	2.50	210	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt	21	8	38	225	3,070	2.50	206	656	779	1,090	988	77.3	20.6	N/G	NP
PCB-123	65510-44-3	ppt	21	8	38	377	4,110	0.884	41.3	864	1,090	1,440	1,280	41.0	12.4	N/G/Ln	NP
PCB-124	70424-70-3	ppt	21	8	38	638	9,160	2.50	206	1,820	2,200	3,110	2,810	115	20.6	N/G/Ln	NP
PCB-126	57465-28-8	ppt	21	8	38	125	1,330	1.16	52.5	270	342	447	395	27.5	16.5	N/G/Ln	NP
PCB-127	39635-33-1	ppt	21	0	0	--	--	2.50	210	--	--	--	--	--	--	--	--
PCB-128/162	PCB-128/162	ppt	21	8	38	3,190	27,900	2.50	206	5,960	7,910	9,790	8,390	189	20.6	N/G/Ln	NP
PCB-129	55215-18-4	ppt	21	8	38	660	10,200	2.50	206	1,930	2,320	3,310	3,010	117	20.6	N/G/Ln	NP
PCB-130	52663-66-8	ppt	21	8	38	1,530	12,100	2.50	206	2,580	3,510	4,130	3,470	140	20.6	N/G/Ln	NP
PCB-131	61798-70-7	ppt	21	1	5	75.3	75.3	2.50	210	42.1	--	38.7	--	24.3	20.4	--	--
PCB-132/161	38380-05-1/7447	ppt	21	8	38	5,760	57,200	2.50	206	11,600	15,200	19,400	16,800	242	20.6	N/G/Ln	NP
PCB-133/142	PCB-133/142	ppt	21	8	38	730	5,780	2.50	206	1,210	1,650	1,940	1,630	104	20.6	N/G/Ln	NP
PCB-134/143	PCB-134/143	ppt	21	8	38	1,190	11,100	2.50	206	2,220	2,950	3,740	3,230	129	20.6	N/G/Ln	NP
PCB-135	52744-13-5	ppt	21	8	38	3,090	27,000	2.50	206	5,490	7,390	9,040	7,710	184	20.6	N/G/Ln	NP
PCB-136	38411-22-2	ppt	21	8	38	2,960	27,700	2.50	206	5,710	7,520	9,500	8,210	185	20.6	N/G/Ln	NP
PCB-137	35694-06-5	ppt	21	8	38	758	10,000	2.50	206	1,930	2,380	3,270	2,930	119	20.6	N/G/Ln	NP
PCB-138/163/164	35065-28-2/7447	ppt	21	12	57	3.05	191,000	2.50	122	39,600	39,600	65,500	63,900	413	46.3	G	N
PCB-139/149	PCB-139/149	ppt	21	11	52	14.7	163,000	2.50	122	34,400	34,400	57,000	55,600	367	44.5	N/G	NP
PCB-14	34883-41-5	ppt	21	0	0	--	--	2.50	210	--	--	--	--	--	--	--	--
PCB-140	59291-64-4	ppt	21	8	38	213	1,120	2.50	206	256	372	365	286	58.3	20.6	N/G/Ln	NP
PCB-141	52712-04-6	ppt	21	8	38	2,650	36,000	2.50	206	7,200	8,820	12,300	11,000	197	20.6	N/G/Ln	NP
PCB-144	68194-14-9	ppt	21	8	38	850	10,900	2.50	206	2,130	2,640	3,620	3,240	124	20.6	N/G/Ln	NP
PCB-145	74472-40-5	ppt	21	7	33	11.3	102	2.50	206	36.1	28.9	31.9	28.6	21.9	20.3	N/G/Ln	NP
PCB-146/165	51908-16-8/7447	ppt	21	9	43	8.46	24,600	2.50	206	5,470	5,460	8,590	8,390	182	20.6	N/G	NP
PCB-147	68194-13-8	ppt	21	8	38	655	4,570	2.50	206	992	1,380	1,560	1,280	97.1	20.6	N/G/Ln	NP
PCB-148	74472-41-6	ppt	21	8	38	68.1	240	2.50	206	77.9	105	82.0	60.7	35.7	20.6	N/G/Ln	NP
PCB-15	2050-68-2	ppt	21	12	57	43.1	116,000	2.50	41.3	25,200	25,200	38,600	37,700	400	45.8	N	NP
PCB-150	68194-08-1	ppt	21	8	38	83.3	389	2.50	206	102	138	120	92.9	40.0	20.6	N/G/Ln	NP

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-151	52663-63-5	ppt	21	9	43	14.7	47,700	2.50	206	9,720	9,720	16,100	15,700	224	20.6	N/G	NP
PCB-152	68194-09-2	ppt	21	8	38	28.8	226	2.50	206	60.8	64.5	67.1	61.4	29.9	20.6	N/G/Ln	NP
PCB-153	35065-27-1	ppt	21	13	62	2.56	174,000	2.50	122	37,000	37,000	60,100	58,700	397	54.0	G	N
PCB-154	60145-22-4	ppt	21	8	38	734	2,830	2.50	206	622	1,060	882	579	85.2	20.6	N/G/Ln	NP
PCB-155	33979-03-2	ppt	21	8	38	40.9	413	2.50	206	74.3	84.9	104	94.8	32.3	20.6	G/Ln	NP
PCB-156	38380-08-4	ppt	21	8	38	1,800	19,700	0.805	41.3	3,840	4,950	6,460	5,660	65.3	16.4	N/G/Ln	NP
PCB-157	69782-90-7	ppt	21	8	38	437	4,410	0.795	46.3	858	1,120	1,430	1,240	37.9	16.0	N/G/Ln	NP
PCB-158/160	74472-42-7/4141	ppt	21	8	38	2,030	23,400	2.50	206	4,660	5,900	7,860	6,950	169	20.6	N/G/Ln	NP
PCB-159	39635-35-3	ppt	21	0	0	--	--	2.50	210	--	--	--	--	--	--	--	--
PCB-16/32	PCB-16/32	ppt	21	8	38	13,800	229,000	2.50	206	41,800	50,400	72,800	66,200	379	20.6	N/G/Ln	NP
PCB-166	41411-63-6	ppt	21	8	38	75.2	809	2.50	206	182	213	270	245	47.6	20.6	N/G/Ln	NP
PCB-167	52663-72-6	ppt	21	8	38	792	7,410	0.931	43.5	1,500	1,990	2,490	2,140	47.5	15.9	N/G/Ln	NP
PCB-168	59291-65-5	ppt	21	8	38	46.6	383	2.50	206	95.3	109	123	111	36.8	20.6	N/G/Ln	NP
PCB-169	32774-16-6	ppt	21	0	0	--	--	0.848	100	--	--	--	--	--	--	--	--
PCB-17	37680-66-3	ppt	21	8	38	11,100	151,000	2.50	206	27,500	34,400	47,000	41,900	330	20.6	N/G/Ln	NP
PCB-170	35065-30-6	ppt	21	9	43	18.4	40,700	2.50	206	8,480	8,480	13,900	13,600	217	20.6	N/G	NP
PCB-171	52663-71-5	ppt	21	8	38	1,550	11,900	2.50	206	2,570	3,510	4,130	3,460	139	20.6	N/G/Ln	NP
PCB-172	52663-74-8	ppt	21	8	38	849	6,950	2.50	206	1,500	2,010	2,400	2,040	113	20.6	N/G/Ln	NP
PCB-173	68194-16-1	ppt	21	8	38	106	1,170	2.50	206	250	300	379	340	54.6	20.6	N/G/Ln	NP
PCB-174	38411-25-5	ppt	21	9	43	22.8	51,600	2.50	206	10,600	10,600	17,500	17,100	237	22.8	N/G	NP
PCB-175	40186-70-7	ppt	21	8	38	290	2,770	2.50	206	550	714	868	750	75.9	20.6	N/G/Ln	NP
PCB-176	52663-65-7	ppt	21	8	38	871	7,720	2.50	206	1,560	2,080	2,520	2,140	114	20.6	N/G/Ln	NP
PCB-177	52663-70-4	ppt	21	9	43	12.2	29,700	2.50	206	6,290	6,290	10,100	9,890	192	20.6	N/G	NP
PCB-178	52663-67-9	ppt	21	8	38	1,500	11,300	2.50	206	2,320	3,240	3,690	3,050	135	20.6	N/G/Ln	NP
PCB-179	52663-64-6	ppt	21	8	38	3,160	26,800	2.50	206	5,420	7,360	8,770	7,390	185	20.6	N/G/Ln	NP
PCB-18	37680-65-2	ppt	21	9	43	9.30	379,000	2.50	206	64,900	64,900	115,000	112,000	447	20.6	N/G	NP
PCB-180	35065-29-3	ppt	21	10	48	53.5	109,000	2.50	122	22,700	22,700	37,100	36,200	327	53.5	N/G	NP
PCB-181	74472-47-2	ppt	21	8	38	40.7	991	2.50	206	142	152	233	222	42.1	20.6	N/G/Ln	NP
PCB-182/187	PCB-182/187	ppt	21	11	52	19.9	71,400	2.50	122	14,800	14,800	23,700	23,100	281	40.7	N/G	NP
PCB-183	52663-69-1	ppt	21	9	43	12.2	30,700	2.50	206	6,250	6,250	10,200	9,930	190	20.6	N/G	NP
PCB-184	74472-48-3	ppt	21	7	33	33.2	128	2.50	209	41.7	44.3	35.7	23.1	25.5	20.6	N/G/Ln	NP
PCB-185	52712-05-7	ppt	21	8	38	549	6,080	2.50	206	1,260	1,580	2,050	1,810	103	20.6	N/G/Ln	NP
PCB-186	74472-49-4	ppt	21	0	0	--	--	2.50	210	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt	21	8	38	38.4	245	2.50	206	50.2	59.1	54.9	45.8	27.7	20.6	G/Ln	NP
PCB-189	39635-31-9	ppt	21	8	38	205	1,550	0.602	41.3	327	451	524	438	20.6	6.79	N/G/Ln	NP
PCB-19	38444-73-4	ppt	21	8	38	2,010	32,500	2.50	206	6,160	7,390	10,600	9,620	183	20.6	N/G/Ln	NP
PCB-190	41411-64-7	ppt	21	8	38	1,010	9,200	2.50	206	1,910	2,520	3,090	2,660	123	20.6	N/G/Ln	NP
PCB-191	74472-50-7	ppt	21	8	38	223	1,820	2.50	206	400	522	614	526	67.3	20.6	N/G/Ln	NP
PCB-192	74472-51-8	ppt	21	0	0	--	--	2.50	210	--	--	--	--	--	--	--	--

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-193	69782-91-8	ppt	21	8	38	693	5,310	2.50	206	1,120	1,540	1,770	1,480	102	20.6	N/G/Ln	NP
PCB-194	35694-08-7	ppt	21	10	48	12.5	24,300	2.50	206	5,460	5,450	8,570	8,360	187	28.4	N/G	NP
PCB-195	52663-78-2	ppt	21	8	38	1,390	10,300	2.50	206	2,310	3,150	3,650	3,050	134	20.6	N/G/Ln	NP
PCB-196/203	PCB-196/203	ppt	21	11	52	28.2	38,300	2.50	122	7,510	7,510	12,200	11,900	221	45.8	N/G	NP
PCB-197	33091-17-7	ppt	21	8	38	167	1,070	2.50	206	247	334	353	291	56.6	20.6	N/G/Ln	NP
PCB-198	68194-17-2	ppt	21	8	38	191	1,680	2.50	206	352	455	532	457	64.3	20.6	N/G/Ln	NP
PCB-199	52663-75-9	ppt	21	11	52	31.9	36,600	2.50	122	7,490	7,490	12,000	11,700	229	60.2	N/G	NP
PCB-2	2051-61-8	ppt	21	21	100	18.6	5,370	--	--	987	987	1,540	1,540	235	111	NP	NP
PCB-20/21/33	38444-84-7/5570	ppt	21	8	38	10,100	200,000	2.50	206	36,100	42,400	64,800	59,800	350	20.6	N/G/Ln	NP
PCB-200	52663-73-7	ppt	21	8	38	443	4,250	2.50	206	866	1,120	1,380	1,190	90.7	20.6	N/G/Ln	NP
PCB-201	40186-71-8	ppt	21	8	38	697	4,420	2.50	206	975	1,390	1,490	1,200	97.6	20.6	N/G/Ln	NP
PCB-202	2136-99-4	ppt	21	11	52	16.9	7,810	2.50	122	1,870	1,880	2,800	2,740	127	33.9	N/G	NP
PCB-204	74472-52-9	ppt	21	0	0	--	--	2.50	210	--	--	--	--	--	--	--	--
PCB-205	74472-53-0	ppt	21	8	38	154	1,130	2.50	206	261	340	377	319	57.5	20.6	N/G/Ln	NP
PCB-206	40186-72-9	ppt	21	13	62	10.6	16,400	2.50	41.3	4,400	4,400	6,480	6,320	200	58.9	G	NP
PCB-207	52663-79-3	ppt	21	8	38	416	1,780	2.50	206	471	713	673	501	75.1	20.6	N/G	NP
PCB-208	52663-77-1	ppt	21	12	57	24.7	5,280	2.50	41.3	1,480	1,490	2,130	2,080	120	29.8	G	NP
PCB-209	2051-24-3	ppt	21	13	62	21.9	21,000	2.50	41.3	4,230	4,230	6,590	6,430	214	99.3	G	N
PCB-22	38444-85-8	ppt	21	8	38	10,300	139,000	2.50	206	25,800	32,100	44,500	39,800	320	20.6	N/G/Ln	NP
PCB-23	55720-44-0	ppt	21	8	38	15.2	375	2.50	206	86.2	81.3	116	115	32.6	20.6	N/G/Ln	NP
PCB-24/27	PCB-24/27	ppt	21	8	38	3,100	29,200	2.50	206	5,580	7,480	9,230	7,890	185	20.6	N/G/Ln	NP
PCB-25	55712-37-3	ppt	21	8	38	8,580	40,000	2.50	206	8,800	14,100	13,400	9,780	232	20.6	N/G/Ln	NP
PCB-26	38444-81-4	ppt	21	8	38	11,300	65,400	2.50	206	13,800	20,800	21,600	16,800	272	20.6	N/G/Ln	NP
PCB-28	7012-37-5	ppt	21	11	52	7.93	427,000	2.50	41.3	85,100	85,100	137,000	134,000	553	20.6	N	N
PCB-29	15862-07-4	ppt	21	8	38	86.3	1,630	2.50	206	258	296	445	414	52.4	20.6	N/G/Ln	NP
PCB-3	2051-62-9	ppt	21	15	71	3.47	16,000	2.51	41.3	2,550	2,550	4,390	4,290	152	48.6	G/Ln	N/G/Ln
PCB-30	35693-92-6	ppt	21	5	24	22.5	223	2.50	209	58.2	51.7	65.0	61.7	28.5	20.6	N/G/Ln	NP
PCB-31	16606-02-3	ppt	21	11	52	8.05	345,000	2.50	41.3	71,200	71,200	117,000	114,000	495	20.6	N/G	N
PCB-34	37680-68-5	ppt	21	8	38	373	1,560	2.50	206	380	595	535	385	69.5	20.6	N/G/Ln	NP
PCB-35	37680-69-6	ppt	21	8	38	1,860	13,400	2.50	206	2,580	3,720	4,250	3,490	140	20.6	N/G/Ln	NP
PCB-36	38444-87-0	ppt	21	7	33	117	226	2.50	209	72.4	130	68.3	26.5	35.4	20.6	N/G/Ln	NP
PCB-37	38444-90-5	ppt	21	9	43	73.8	131,000	2.50	122	24,900	24,900	40,800	39,800	329	20.6	N/G	NP
PCB-38	53555-66-1	ppt	21	8	38	185	1,650	2.50	206	361	460	557	485	64.0	20.6	N/G/Ln	NP
PCB-39	38444-88-1	ppt	21	8	38	203	602	2.50	206	149	259	184	110	48.2	20.6	N/G/Ln	NP
PCB-4/10	PCB-4/10	ppt	21	8	38	6,340	65,100	2.50	206	12,400	16,300	21,200	18,400	247	20.6	N/G/Ln	NP
PCB-40	38444-93-8	ppt	21	8	38	1,850	62,000	2.50	206	11,500	12,600	20,700	19,600	214	20.6	N/G/Ln	NP
PCB-41/64/71/72	52663-59-9/5266	ppt	19	9	47	3.40	278,000	2.51	206	55,400	55,400	95,600	93,100	376	20.6	N/G	N
PCB-42/59	36559-22-5/7447	ppt	21	8	38	9,730	115,000	2.50	206	22,300	28,300	37,600	33,200	307	20.6	N/G/Ln	NP
PCB-43/49	PCB-43/49	ppt	21	10	48	5.32	266,000	2.50	206	53,300	53,300	87,600	85,500	428	20.6	N/G	N

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-44	41464-39-5	ppt	21	13	62	6.67	347,000	2.50	122	65,300	65,300	112,000	109,000	433	20.6	G	N
PCB-45	70362-45-7	ppt	21	8	38	3,510	61,900	2.50	206	11,700	13,900	20,300	18,600	232	20.6	N/G/Ln	NP
PCB-46	41464-47-5	ppt	21	8	38	1,480	24,500	2.50	206	4,690	5,590	8,120	7,410	165	20.6	N/G/Ln	NP
PCB-47	2437-79-8	ppt	21	8	38	13,900	85,200	2.50	206	18,200	26,800	28,800	22,800	300	20.6	N/G/Ln	NP
PCB-48/75	70362-47-9/3259	ppt	21	8	38	4,850	74,500	2.50	206	13,700	16,700	23,600	21,300	251	20.6	N/G/Ln	NP
PCB-5/8	PCB-5/8	ppt	21	8	38	11,800	138,000	2.50	206	24,100	31,400	41,900	36,800	316	20.6	N/G/Ln	NP
PCB-50	62796-65-0	ppt	21	8	38	119	1,210	2.50	206	248	305	374	330	55.1	20.6	N/G/Ln	NP
PCB-51	68194-04-7	ppt	21	8	38	1,810	17,800	2.50	206	3,420	4,520	5,630	4,840	153	20.6	N/G/Ln	NP
PCB-52/69	35693-99-3/6023	ppt	21	16	76	2.63	348,000	2.51	41.3	68,000	68,000	115,000	112,000	470	20.6	G	G
PCB-53	41464-41-9	ppt	21	8	38	4,340	55,600	2.50	206	10,700	13,400	18,200	16,200	232	20.6	N/G/Ln	NP
PCB-54	15968-05-5	ppt	21	8	38	84.9	985	2.50	206	195	232	295	266	49.3	20.6	N/G/Ln	NP
PCB-55	74338-24-2	ppt	21	8	38	361	5,980	2.50	206	1,060	1,260	1,880	1,730	91.3	20.6	N/G/Ln	NP
PCB-56/60	PCB-56/60	ppt	21	13	62	3.94	228,000	2.50	206	41,700	41,700	72,700	71,000	339	20.6	G	N
PCB-57	70424-67-8	ppt	21	8	38	342	1,960	2.50	206	427	623	637	502	71.1	20.6	N/G/Ln	NP
PCB-58	41464-49-7	ppt	21	8	38	240	756	2.50	206	194	327	246	153	53.9	20.6	N/G/Ln	NP
PCB-6	25569-80-6	ppt	21	8	38	3,690	27,000	2.50	206	4,880	7,150	8,050	6,550	180	20.6	N/G/Ln	NP
PCB-61/70	PCB-61/70	ppt	21	13	62	2.97	352,000	2.51	41.3	70,700	70,700	119,000	116,000	504	29.8	G	N
PCB-62	54230-22-7	ppt	21	1	5	144	144	2.50	210	45.4	--	44.2	--	25.1	20.4	--	--
PCB-63	74472-34-7	ppt	21	8	38	1,690	12,500	2.50	206	2,570	3,600	4,110	3,390	140	20.6	N/G/Ln	NP
PCB-65	33284-54-7	ppt	21	2	10	269	415	2.50	210	66.2	--	101	--	27.6	20.4	--	--
PCB-67	73575-53-8	ppt	21	8	38	1,260	11,900	2.50	206	2,220	2,980	3,690	3,160	130	20.6	N/G/Ln	NP
PCB-68	73575-52-7	ppt	21	8	38	212	1,370	2.50	206	272	387	403	325	59.2	20.6	N/G/Ln	NP
PCB-7/9	PCB-7/9	ppt	21	8	38	772	15,000	2.50	206	2,340	2,810	4,290	3,940	124	20.6	N/G/Ln	NP
PCB-73	74338-23-1	ppt	21	0	0	--	--	2.50	210	--	--	--	--	--	--	--	--
PCB-74	32690-93-0	ppt	21	12	57	3.41	158,000	2.50	41.3	30,700	30,700	51,800	50,600	303	20.6	G	N
PCB-76/66	PCB-76/66	ppt	21	13	62	5.54	288,000	2.50	41.3	60,300	60,300	98,400	96,000	465	22.3	G	N
PCB-77	32598-13-3	ppt	21	10	48	25.8	43,200	0.665	41.3	8,420	8,430	14,200	13,900	86.6	20.6	N/G	NP
PCB-78	70362-49-1	ppt	21	0	0	--	--	2.50	210	--	--	--	--	--	--	--	--
PCB-79	41464-48-6	ppt	21	8	38	368	2,690	2.50	206	604	816	945	795	79.2	20.6	N/G/Ln	NP
PCB-80	33284-52-5	ppt	21	0	0	--	--	2.50	210	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt	21	8	38	88.4	1,660	0.589	41.3	321	373	560	517	19.0	7.28	N/G/Ln	NP
PCB-82	52663-62-4	ppt	21	8	38	2,760	39,300	2.50	206	7,720	9,410	13,400	12,100	200	20.6	N/G/Ln	NP
PCB-83	60145-20-2	ppt	21	7	33	15.1	248	2.50	206	63.2	59.7	76.4	74.9	28.6	20.5	N/G/Ln	NP
PCB-84/92	52663-60-2/5266	ppt	21	9	43	22.3	110,000	2.50	206	23,100	23,100	38,300	37,400	317	22.3	N/G	NP
PCB-85/116	PCB-85/116	ppt	21	8	38	4,090	50,200	2.50	206	9,500	12,000	16,300	14,400	220	20.6	N/G/Ln	NP
PCB-86	55312-69-1	ppt	21	8	38	117	2,990	2.50	206	529	586	920	867	67.9	20.6	N/G/Ln	NP
PCB-87/117/125	38380-02-8/6819	ppt	21	10	48	15.4	100,000	2.50	122	19,300	19,300	33,900	33,100	264	20.6	N/G	NP
PCB-88/91	PCB-88/91	ppt	21	8	38	4,980	40,300	2.50	206	8,930	12,000	14,400	12,200	223	20.6	N/G/Ln	NP
PCB-89	73575-57-2	ppt	21	8	38	347	5,070	2.50	206	1,030	1,230	1,750	1,590	92.6	20.6	N/G/Ln	NP

Table D-6
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2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-90/101	PCB-90/101	ppt	21	16	76	3.23	246,000	40.0	41.3	52,400	52,400	87,100	85,000	494	43.3	NP	G
PCB-93	73575-56-1	ppt	21	0	0	--	--	2.50	210	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt	21	8	38	256	1,750	2.50	206	389	531	585	485	67.5	20.6	N/G/Ln	NP
PCB-95/98/102	38379-99-6/6023	ppt	21	13	62	3.05	202,000	2.50	122	43,100	43,000	71,700	70,000	404	35.3	G	NP
PCB-96	73575-54-9	ppt	21	8	38	112	3,090	2.50	206	627	680	1,070	1,020	71.4	20.6	N/G	NP
PCB-97	41464-51-1	ppt	21	9	43	12.3	83,600	2.50	206	17,100	17,100	28,600	27,900	273	20.6	N/G	NP
PCB-99	38380-01-7	ppt	21	9	43	26.6	113,000	2.50	206	24,400	24,400	39,500	38,500	334	26.6	N/G	NP
Total Congener PCBs (209)	No CAS	ppt	21	21	100	40.5	8,630,000	--	--	1,720,000	1,720,000	2,870,000	2,870,000	7,370	688	NP	NP
Total Congener PCBs (NOAA 1989)	No CAS	ppt	21	19	91	17.1	6,260,000	40.0	41.3	1,260,000	1,260,000	2,080,000	2,030,000	4,530	646	NP	G

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2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	3	2	67	0.12	0.47	0.17	0.17	0.23	--	0.21	--	0.17	0.12	--	--
Metals																	
Aluminum	7429-90-5	ppm	4	4	100	7,310	15,400	--	--	10,400	10,400	3,550	3,550	9,990	9,450	--	--
Antimony	7440-36-0	ppm	4	1	25	1.1	1.1	3.7	6.3	2.1	--	0.85	--	1.9	2.0	--	--
Arsenic	7440-38-2	ppm	4	4	100	5.6	35.2	--	--	16.1	16.1	13.1	13.1	12.9	11.9	--	--
Barium	7440-39-3	ppm	4	4	100	82.1	160	--	--	108	108	35.1	35.1	105	95.6	--	--
Beryllium	7440-41-7	ppm	4	4	100	0.45	0.90	--	--	0.65	0.65	0.19	0.19	0.63	0.63	--	--
Cadmium	7440-43-9	ppm	4	4	100	1.1	4.7	--	--	2.8	2.8	1.7	1.7	2.4	2.8	--	--
Calcium	7440-70-2	ppm	4	4	100	2,770	8,600	--	--	5,720	5,720	2,390	2,390	5,300	5,760	--	--
Chromium	7440-47-3	ppm	4	4	100	49.6	215	--	--	130	130	77.5	77.5	111	128	--	--
Cobalt	7440-48-4	ppm	4	4	100	6.2	11.3	--	--	8.1	8.1	2.2	2.2	7.9	7.5	--	--
Copper	7440-50-8	ppm	4	4	100	96.2	208	--	--	177	177	53.9	53.9	169	201	--	--
Iron	7439-89-6	ppm	4	4	100	13,700	34,600	--	--	23,200	23,200	8,780	8,780	21,900	22,200	--	--
Lead	7439-92-1	ppm	4	4	100	104	282	--	--	209	209	83.1	83.1	194	225	--	--
Magnesium	7439-95-4	ppm	4	4	100	4,530	9,160	--	--	6,070	6,070	2,100	2,100	5,840	5,300	--	--
Manganese	7439-96-5	ppm	4	4	100	110	488	--	--	267	267	159	159	233	236	--	--
Mercury	7439-97-6	ppm	4	4	100	0.77	7.7	--	--	3.8	3.8	2.9	2.9	2.8	3.3	--	--
Nickel	7440-02-0	ppm	4	4	100	30.7	39.9	--	--	34.9	34.9	4.5	4.5	34.6	34.4	--	--
Potassium	7440-09-7	ppm	4	4	100	1,470	3,390	--	--	2,360	2,360	789	789	2,260	2,290	--	--
Selenium	7782-49-2	ppm	4	3	75	0.41	1.1	1.3	1.3	0.74	--	0.29	--	0.70	0.73	--	--
Silver	7440-22-4	ppm	4	4	100	1.9	5.2	--	--	3.8	3.8	1.5	1.5	3.6	4.1	--	--
Sodium	7440-23-5	ppm	4	4	100	4,270	12,600	--	--	7,360	7,360	3,670	3,670	6,770	6,290	--	--
Thallium	7440-28-0	ppm	4	3	75	0.098	0.24	1.1	1.1	0.26	--	0.20	--	0.21	0.20	--	--
Titanium	7440-32-6	ppm	3	3	100	317	414	--	--	361	361	49.0	49.0	359	353	--	--
Vanadium	7440-62-2	ppm	4	4	100	25.3	41.6	--	--	34.9	34.9	6.9	6.9	34.3	36.3	--	--
Zinc	7440-66-6	ppm	4	4	100	205	399	--	--	316	316	81.3	81.3	307	330	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	9	5	56	0.19	2.6	0.13	0.18	0.54	0.59	0.82	0.75	0.24	0.19	N/G/Ln	N/G/Ln
Metals																	
Aluminum	7429-90-5	ppm	9	9	100	9,480	17,300	--	--	14,500	14,500	2,280	2,280	14,300	14,900	N/G/Ln	N/G/Ln
Antimony	7440-36-0	ppm	9	0	0	--	--	0.013	6.4	--	--	--	--	--	--	--	--
Arsenic	7440-38-2	ppm	9	9	100	7.8	44.9	--	--	22.5	22.5	16.3	16.3	17.8	13.9	G/Ln	G/Ln
Barium	7440-39-3	ppm	9	9	100	28.7	379	--	--	169	169	141	141	119	103	G/Ln	G/Ln
Beryllium	7440-41-7	ppm	9	9	100	0.61	1.0	--	--	0.79	0.79	0.14	0.14	0.78	0.75	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm	9	9	100	0.24	4.8	--	--	1.9	1.9	1.5	1.5	1.3	1.3	N/G/Ln	N/G/Ln

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Calcium	7440-70-2	ppm	9	9	100	3,090	11,000	--	--	5,950	5,950	2,620	2,620	5,480	5,220	N/G/Ln	N/G/Ln
Chromium	7440-47-3	ppm	9	9	100	25.0	215	--	--	104	104	64.3	64.3	83.5	92.2	N/G/Ln	N/G/Ln
Cobalt	7440-48-4	ppm	9	9	100	8.8	12.2	--	--	10.3	10.3	1.3	1.3	10.2	9.9	N/G/Ln	N/G/Ln
Copper	7440-50-8	ppm	9	9	100	12.3	313	--	--	170	170	118	118	114	165	N/G/Ln	N/G/Ln
Iron	7439-89-6	ppm	9	9	100	22,400	38,400	--	--	32,000	32,000	5,440	5,440	31,500	34,600	N/G/Ln	N/G/Ln
Lead	7439-92-1	ppm	9	9	100	12.6	460	--	--	221	221	169	169	144	159	N/G/Ln	N/G/Ln
Magnesium	7439-95-4	ppm	9	9	100	5,360	11,900	--	--	8,140	8,140	2,150	2,150	7,900	7,820	N/G/Ln	N/G/Ln
Manganese	7439-96-5	ppm	9	9	100	257	563	--	--	431	431	108	108	418	410	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm	9	8	89	0.62	5.2	0.018	0.018	2.3	2.4	1.7	1.5	1.2	1.8	N/G/Ln	N/Ln
Nickel	7440-02-0	ppm	9	9	100	22.3	72.2	--	--	41.2	41.2	14.6	14.6	39.0	41.3	N/G/Ln	N/G/Ln
Potassium	7440-09-7	ppm	9	9	100	1,940	3,860	--	--	3,090	3,090	604	604	3,030	3,350	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm	9	9	100	0.40	2.9	--	--	1.3	1.3	0.82	0.82	1.1	1.0	N/G/Ln	N/G/Ln
Silver	7440-22-4	ppm	9	9	100	0.061	4.9	--	--	3.3	3.3	1.9	1.9	1.7	4.4	NP	NP
Sodium	7440-23-5	ppm	9	9	100	4,870	12,800	--	--	8,960	8,960	3,120	3,120	8,420	9,890	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm	9	9	100	0.021	0.32	--	--	0.18	0.18	0.10	0.10	0.14	0.14	N/G	N/G
Titanium	7440-32-6	ppm	9	9	100	294	496	--	--	397	397	72.4	72.4	391	416	N/G/Ln	N/G/Ln
Vanadium	7440-62-2	ppm	9	9	100	32.0	49.6	--	--	42.2	42.2	7.6	7.6	41.6	45.9	G	G
Zinc	7440-66-6	ppm	9	9	100	59.8	556	--	--	314	314	185	185	250	282	N/G/Ln	N/G/Ln
Subsurface (>3.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	21	13	62	0.14	4.0	0.10	0.18	0.89	0.92	1.0	1.0	0.36	0.31	N/G/Ln	N
Metals																	
Aluminum	7429-90-5	ppm	21	21	100	11,500	19,200	--	--	15,500	15,500	1,840	1,840	15,400	15,700	N/G/Ln	N/G/Ln
Antimony	7440-36-0	ppm	21	0	0	--	--	0.016	5.9	--	--	--	--	--	--	--	--
Arsenic	7440-38-2	ppm	21	21	100	6.4	100	--	--	38.0	38.0	31.3	31.3	25.3	30.0	G	G
Barium	7440-39-3	ppm	21	21	100	24.1	506	--	--	146	146	126	126	99.9	116	G/Ln	G/Ln
Beryllium	7440-41-7	ppm	21	21	100	0.52	1.1	--	--	0.79	0.79	0.16	0.16	0.78	0.74	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm	21	21	100	0.19	17.1	--	--	4.1	4.1	5.8	5.8	1.3	1.5	G	G
Calcium	7440-70-2	ppm	21	21	100	3,340	9,130	--	--	5,690	5,690	1,790	1,790	5,430	5,310	N/G/Ln	N/G/Ln
Chromium	7440-47-3	ppm	21	21	100	22.7	507	--	--	166	166	167	167	98.4	124	G	G
Cobalt	7440-48-4	ppm	21	21	100	7.9	15.6	--	--	11.2	11.2	1.8	1.8	11.0	11.4	N/G/Ln	N/G/Ln
Copper	7440-50-8	ppm	21	21	100	8.5	522	--	--	206	206	176	176	98.3	183	NP	NP
Iron	7439-89-6	ppm	21	21	100	24,500	42,100	--	--	33,900	33,900	4,510	4,510	33,500	34,700	N/Ln	N/Ln
Lead	7439-92-1	ppm	21	21	100	8.3	485	--	--	224	224	177	177	109	230	G	G
Magnesium	7439-95-4	ppm	21	21	100	5,560	11,700	--	--	7,810	7,810	1,230	1,230	7,730	7,880	G/Ln	G/Ln
Manganese	7439-96-5	ppm	21	21	100	355	1,180	--	--	543	543	220	220	513	468	NP	NP
Mercury	7439-97-6	ppm	21	19	91	0.021	14.1	0.013	0.014	4.6	4.6	4.3	4.2	1.1	4.5	N	N
Nickel	7440-02-0	ppm	21	21	100	19.9	117	--	--	51.8	51.8	27.4	27.4	45.0	50.1	N/G/Ln	N/G/Ln

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Potassium	7440-09-7	ppm	21	21	100	2,370	3,750	--	--	3,140	3,140	334	334	3,120	3,260	N/Ln	N/Ln
Selenium	7782-49-2	ppm	21	21	100	0.26	2.8	--	--	1.3	1.3	0.91	0.91	0.95	1.3	G	G
Silver	7440-22-4	ppm	21	21	100	0.044	12.8	--	--	4.0	4.0	4.6	4.6	1.0	2.1	G	G
Sodium	7440-23-5	ppm	21	21	100	4,200	11,400	--	--	7,830	7,830	2,420	2,420	7,460	8,030	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm	21	21	100	0.054	0.50	--	--	0.19	0.19	0.12	0.12	0.16	0.12	Ln	Ln
Titanium	7440-32-6	ppm	21	21	100	308	620	--	--	421	421	91.0	91.0	412	374	NP	NP
Vanadium	7440-62-2	ppm	21	21	100	27.8	90.9	--	--	50.0	50.0	19.3	19.3	47.1	45.5	NP	NP
Zinc	7440-66-6	ppm	21	21	100	51.6	712	--	--	313	313	223	223	220	296	N/G	N/G

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	3	0	0	--	--	15	26	--	--	--	--	--	--	--	--
2,4,5-TP (Silvex)	93-72-1	ppb	2	2	100	10	25	--	--	18	18	11	11	16	18	--	--
2,4-D	94-75-7	ppb	3	2	67	37	90	70	70	54	--	31	--	49	37	--	--
2,4-DB	94-82-6	ppb	2	1	50	580	580	35	35	300	--	400	--	100	300	--	--
PBDEs																	
BDE-1	BDE-1	ppb	1	1	100	0.27	0.27	--	--	--	--	--	--	--	0.27	--	--
BDE-10	BDE-10	ppb	1	1	100	0.014	0.014	--	--	--	--	--	--	--	0.014	--	--
BDE-100	BDE-100	ppb	1	1	100	1.0	1.0	--	--	--	--	--	--	--	1.0	--	--
BDE-105	BDE-105	ppb	1	0	0	--	--	0.022	0.022	--	--	--	--	--	--	--	--
BDE-116	BDE-116	ppb	1	0	0	--	--	0.018	0.018	--	--	--	--	--	--	--	--
BDE-118	BDE-118	ppb	1	1	100	0.060	0.060	--	--	--	--	--	--	--	0.060	--	--
BDE-119	BDE-119	ppb	1	0	0	--	--	0.0082	0.0082	--	--	--	--	--	--	--	--
BDE-12/13	BDE-12/13	ppb	1	1	100	0.12	0.12	--	--	--	--	--	--	--	0.12	--	--
BDE-126	BDE-126	ppb	1	0	0	--	--	0.0078	0.0078	--	--	--	--	--	--	--	--
BDE-138	BDE-138	ppb	1	1	100	0.15	0.15	--	--	--	--	--	--	--	0.15	--	--
BDE-139	BDE-139	ppb	1	1	100	0.19	0.19	--	--	--	--	--	--	--	0.19	--	--
BDE-140	BDE-140	ppb	1	1	100	0.068	0.068	--	--	--	--	--	--	--	0.068	--	--
BDE-15	BDE-15	ppb	1	1	100	0.43	0.43	--	--	--	--	--	--	--	0.43	--	--
BDE-153	BDE-153	ppb	1	1	100	1.2	1.2	--	--	--	--	--	--	--	1.2	--	--
BDE-154	BDE-154	ppb	1	1	100	0.72	0.72	--	--	--	--	--	--	--	0.71	--	--
BDE-155	BDE-155	ppb	1	1	100	0.045	0.045	--	--	--	--	--	--	--	0.045	--	--
BDE-156/169	BDE-156/169	ppb	1	0	0	--	--	0.016	0.016	--	--	--	--	--	--	--	--
BDE-166	BDE-166	ppb	1	0	0	--	--	0.014	0.014	--	--	--	--	--	--	--	--
BDE-17	BDE-17	ppb	1	1	100	0.53	0.53	--	--	--	--	--	--	--	0.53	--	--
BDE-179	BDE-179	ppb	1	1	100	0.32	0.32	--	--	--	--	--	--	--	0.32	--	--
BDE-181	BDE-181	ppb	1	0	0	--	--	0.026	0.026	--	--	--	--	--	--	--	--
BDE-183/176	BDE-183/176	ppb	1	1	100	1.4	1.4	--	--	--	--	--	--	--	1.4	--	--
BDE-188	BDE-188	ppb	1	1	100	0.018	0.018	--	--	--	--	--	--	--	0.018	--	--
BDE-190	BDE-190	ppb	1	1	100	0.074	0.074	--	--	--	--	--	--	--	0.074	--	--
BDE-191	BDE-191	ppb	1	1	100	0.14	0.14	--	--	--	--	--	--	--	0.14	--	--
BDE-196	BDE-196	ppb	1	1	100	5.0	5.0	--	--	--	--	--	--	--	5.0	--	--
BDE-197	BDE-197	ppb	1	1	100	0.62	0.62	--	--	--	--	--	--	--	0.62	--	--
BDE-2	BDE-2	ppb	1	1	100	0.26	0.26	--	--	--	--	--	--	--	0.26	--	--
BDE-202	BDE-202	ppb	1	1	100	0.41	0.41	--	--	--	--	--	--	--	0.41	--	--
BDE-203	BDE-203	ppb	1	1	100	0.81	0.81	--	--	--	--	--	--	--	0.81	--	--
BDE-205	BDE-205	ppb	1	0	0	--	--	0.12	0.12	--	--	--	--	--	--	--	--
BDE-207	BDE-207	ppb	1	1	100	2.5	2.5	--	--	--	--	--	--	--	2.5	--	--

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
BDE-208	BDE-208	ppb	1	1	100	1.2	1.2	--	--	--	--	--	--	--	1.2	--	--
BDE-209	BDE-209	ppb	1	1	100	110	110	--	--	--	--	--	--	--	110	--	--
BDE-25	BDE-25	ppb	1	0	0	--	--	0.0069	0.0069	--	--	--	--	--	--	--	--
BDE-28/33	BDE-28/33	ppb	1	1	100	0.30	0.30	--	--	--	--	--	--	--	0.30	--	--
BDE-3	BDE-3	ppb	1	1	100	0.21	0.21	--	--	--	--	--	--	--	0.21	--	--
BDE-30	BDE-30	ppb	1	0	0	--	--	0.0053	0.0053	--	--	--	--	--	--	--	--
BDE-32	BDE-32	ppb	1	1	100	0.055	0.055	--	--	--	--	--	--	--	0.055	--	--
BDE-35	BDE-35	ppb	1	0	0	--	--	0.0047	0.0047	--	--	--	--	--	--	--	--
BDE-37	BDE-37	ppb	1	0	0	--	--	0.0047	0.0047	--	--	--	--	--	--	--	--
BDE-47	BDE-47	ppb	1	1	100	2.4	2.4	--	--	--	--	--	--	--	2.4	--	--
BDE-49	BDE-49	ppb	1	1	100	1.0	1.0	--	--	--	--	--	--	--	1.0	--	--
BDE-66	BDE-66	ppb	1	1	100	0.13	0.13	--	--	--	--	--	--	--	0.13	--	--
BDE-7	BDE-7	ppb	1	1	100	0.69	0.69	--	--	--	--	--	--	--	0.69	--	--
BDE-71	BDE-71	ppb	1	1	100	0.10	0.10	--	--	--	--	--	--	--	0.10	--	--
BDE-75	BDE-75	ppb	1	0	0	--	--	0.0013	0.0013	--	--	--	--	--	--	--	--
BDE-77	BDE-77	ppb	1	1	100	0.0044	0.0044	--	--	--	--	--	--	--	0.0044	--	--
BDE-8/11	BDE-8/11	ppb	1	1	100	0.37	0.37	--	--	--	--	--	--	--	0.37	--	--
BDE-85	BDE-85	ppb	1	1	100	0.27	0.27	--	--	--	--	--	--	--	0.27	--	--
BDE-99	BDE-99	ppb	1	1	100	6.1	6.1	--	--	--	--	--	--	--	6.1	--	--
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb	3	0	0	--	--	50	85	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	3	0	0	--	--	50	85	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	3	0	0	--	--	50	85	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	3	3	100	100	130	--	--	120	120	17	17	120	130	--	--
Aroclor-1248	12672-29-6	ppb	3	0	0	--	--	50	85	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb	3	2	67	140	250	58	58	140	--	110	--	100	140	--	--
Aroclor-1260	11096-82-5	ppb	3	3	100	43	90	--	--	73	73	26	26	69	86	--	--
Aroclor-1262	37324-23-5	ppb	3	0	0	--	--	50	85	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	3	1	33	19	19	50	85	29	--	12	--	27	25	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb	3	3	100	220	440	--	--	320	320	110	110	310	310	--	--
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb	3	3	100	240	440	--	--	330	330	100	100	320	310	--	--
PCNs																	
PCN-1	PCN-1	ppt	1	1	100	850	850	--	--	--	--	--	--	--	850	--	--
PCN-10	PCN-10	ppt	1	1	100	34	34	--	--	--	--	--	--	--	34	--	--
PCN-12	PCN-12	ppt	1	1	100	470	470	--	--	--	--	--	--	--	470	--	--
PCN-13	PCN-13	ppt	1	1	100	66	66	--	--	--	--	--	--	--	66	--	--
PCN-2	PCN-2	ppt	1	1	100	280	280	--	--	--	--	--	--	--	280	--	--
PCN-27	PCN-27	ppt	1	1	100	69	69	--	--	--	--	--	--	--	69	--	--
PCN-28/36	PCN-28/36	ppt	1	1	100	240	240	--	--	--	--	--	--	--	240	--	--

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCN-3	PCN-3	ppt	1	1	100	120	120	--	--	--	--	--	--	--	120	--	--
PCN-31	PCN-31	ppt	1	1	100	460	460	--	--	--	--	--	--	--	460	--	--
PCN-42	PCN-42	ppt	1	1	100	390	390	--	--	--	--	--	--	--	390	--	--
PCN-46	PCN-46	ppt	1	0	0	--	--	50	50	--	--	--	--	--	--	--	--
PCN-48	PCN-48	ppt	1	0	0	--	--	50	50	--	--	--	--	--	--	--	--
PCN-49	PCN-49	ppt	1	1	100	37	37	--	--	--	--	--	--	--	37	--	--
PCN-5	PCN-5	ppt	1	1	100	1,500	1,500	--	--	--	--	--	--	--	1,500	--	--
PCN-50	PCN-50	ppt	1	1	100	130	130	--	--	--	--	--	--	--	130	--	--
PCN-52	PCN-52	ppt	1	1	100	310	310	--	--	--	--	--	--	--	310	--	--
PCN-53	PCN-53	ppt	1	1	100	14	14	--	--	--	--	--	--	--	14	--	--
PCN-54	PCN-54	ppt	1	1	100	310	310	--	--	--	--	--	--	--	310	--	--
PCN-6	PCN-6	ppt	1	1	100	760	760	--	--	--	--	--	--	--	760	--	--
PCN-66/67	PCN-66/67	ppt	1	1	100	110	110	--	--	--	--	--	--	--	110	--	--
PCN-68	PCN-68	ppt	1	1	100	120	120	--	--	--	--	--	--	--	120	--	--
PCN-69	PCN-69	ppt	1	1	100	200	200	--	--	--	--	--	--	--	200	--	--
PCN-70	PCN-70	ppt	1	0	0	--	--	50	50	--	--	--	--	--	--	--	--
PCN-71/72	PCN-71/72	ppt	1	1	100	320	320	--	--	--	--	--	--	--	320	--	--
PCN-73	PCN-73	ppt	1	1	100	130	130	--	--	--	--	--	--	--	130	--	--
PCN-74	PCN-74	ppt	1	1	100	180	180	--	--	--	--	--	--	--	180	--	--
PCN-75	PCN-75	ppt	1	1	100	33	33	--	--	--	--	--	--	--	33	--	--
PCN-9	PCN-9	ppt	1	0	0	--	--	50	50	--	--	--	--	--	--	--	--
Pesticides																	
2,4'-DDD	53-19-0	ppb	3	2	67	9.0	56	8.5	8.5	23	--	29	--	13	9.0	--	--
2,4'-DDE	3424-82-6	ppb	4	2	50	22	83	4.9	8.5	28	--	38	--	12	13	--	--
2,4'-DDT	789-02-6	ppb	4	2	50	0.18	7.8	5.8	8.5	3.8	--	3.2	--	2.0	3.6	--	--
4,4'-DDD	72-54-8	ppb	4	4	100	6.2	110	--	--	41	41	47	47	25	24	--	--
4,4'-DDE	72-55-9	ppb	4	4	100	9.4	180	--	--	66	66	80	80	34	37	--	--
4,4'-DDT	50-29-3	ppb	4	3	75	0.47	35	8.5	8.5	14	--	16	--	6.0	11	--	--
Aldrin	309-00-2	ppb	4	2	50	1.0	1.7	2.5	2.9	1.4	--	0.30	--	1.3	1.4	--	--
Alpha-BHC	319-84-6	ppb	4	2	50	0.16	0.48	2.9	4.3	1.1	--	0.91	--	0.70	0.96	--	--
Alpha-Chlordane	5103-71-9	ppb	4	4	100	1.0	12	--	--	4.1	4.1	5.3	5.3	2.4	1.7	--	--
Beta-BHC	319-85-7	ppb	4	3	75	0.25	3.7	4.3	4.3	2.0	--	1.4	--	1.4	2.0	--	--
Delta-BHC	319-86-8	ppb	3	0	0	--	--	2.5	4.3	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb	4	3	75	1.1	6.1	5.8	5.8	3.3	--	2.1	--	2.8	3.0	--	--
Endosulfan I	959-98-8	ppb	4	1	25	1.7	1.7	0.32	4.3	1.3	--	0.85	--	0.92	1.5	--	--
Endosulfan II	33213-65-9	ppb	4	0	0	--	--	0.40	8.5	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb	4	1	25	5.0	5.0	0.027	8.5	2.9	--	2.2	--	0.92	3.3	--	--
Endrin	72-20-8	ppb	4	1	25	2.7	2.7	0.16	8.5	2.5	--	1.7	--	1.3	2.8	--	--
Endrin Aldehyde	7421-93-4	ppb	4	0	0	--	--	0.12	8.5	--	--	--	--	--	--	--	--

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Endrin Ketone	53494-70-5	ppb	4	0	0	--	--	0.19	8.5	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	4	2	50	0.038	0.86	2.9	4.3	1.1	--	0.90	--	0.56	1.2	--	--
Gamma-Chlordane	5566-34-7	ppb	3	1	33	15	15	2.9	4.3	6.2	--	7.6	--	3.6	2.2	--	--
Heptachlor	76-44-8	ppb	4	2	50	0.015	0.96	2.9	4.3	1.1	--	0.90	--	0.46	1.2	--	--
Heptachlor Epoxide	1024-57-3	ppb	4	0	0	--	--	0.0050	4.3	--	--	--	--	--	--	--	--
Hexachlorobenzene	118-74-1	ppb	1	1	100	2.1	2.1	--	--	--	--	--	--	--	2.1	--	--
Methoxychlor	72-43-5	ppb	4	0	0	--	--	1.9	43	--	--	--	--	--	--	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb	3	3	100	1.0	27	--	--	9.8	9.8	15	15	3.4	1.4	--	--
Total DDT (2,4 & 4,4)	No CAS	ppb	3	3	100	16	460	--	--	180	180	240	240	77	62	--	--
Total DDT (2,4)	No CAS	ppb	3	2	67	7.8	140	8.5	8.5	51	--	77	--	17	7.8	--	--
Total DDT (4,4)	No CAS	ppb	4	4	100	16	330	--	--	120	120	140	140	70	69	--	--
Toxaphene	8001-35-2	ppb	3	0	0	--	--	250	430	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	3	0	0	--	--	580	850	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	4	4	100	81	270	--	--	170	170	91	91	150	170	--	--
2-Methylphenol	95-48-7	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	3	0	0	--	--	580	850	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	3	0	0	--	--	580	850	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	3	0	0	--	--	580	850	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	3	1	33	180	180	300	440	180	--	35	--	180	180	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	3	1	33	43	43	320	440	140	--	90	--	110	160	--	--
4-Nitroaniline	100-01-6	ppb	3	0	0	--	--	580	850	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	3	0	0	--	--	580	850	--	--	--	--	--	--	--	--

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Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Acenaphthene	83-32-9	ppb	4	4	100	55	170	--	--	98	98	54	54	88	84	--	--
Acenaphthylene	208-96-8	ppb	4	4	100	46	200	--	--	120	120	65	65	100	110	--	--
Acetophenone	98-86-2	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
Anthracene	120-12-7	ppb	4	4	100	380	580	--	--	480	480	90	90	480	490	--	--
Atrazine	1912-24-9	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb	3	1	33	69	69	300	320	130	--	50	--	120	150	--	--
Benzo(a)anthracene	56-55-3	ppb	4	4	100	580	2,300	--	--	1,300	1,300	760	760	1,100	1,100	--	--
Benzo(a)pyrene	50-32-8	ppb	4	4	100	650	2,500	--	--	1,300	1,300	840	840	1,100	1,000	--	--
Benzo(b)fluoranthene	205-99-2	ppb	4	4	100	840	4,200	--	--	1,900	1,900	1,600	1,600	1,500	1,200	--	--
Benzo(g,h,i)perylene	191-24-2	ppb	4	4	100	170	790	--	--	440	440	270	270	370	400	--	--
Benzo(k)fluoranthene	207-08-9	ppb	4	4	100	370	2,400	--	--	1,100	1,100	900	900	890	870	--	--
Biphenyl	92-52-4	ppb	4	2	50	51	110	300	320	120	--	49	--	110	130	--	--
bis(2-Chloroethoxy)methane	111-91-1	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	3	3	100	830	6,700	--	--	3,100	3,100	3,100	3,100	2,200	1,800	--	--
Butyl benzyl phthalate	85-68-7	ppb	3	2	67	55	270	300	300	160	--	110	--	130	150	--	--
Caprolactam	105-60-2	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb	3	2	67	63	250	300	300	150	--	94	--	130	150	--	--
Chrysene	218-01-9	ppb	4	4	100	700	2,900	--	--	1,500	1,500	990	990	1,300	1,300	--	--
Dibenzo(a,h)anthracene	53-70-3	ppb	4	4	100	49	270	--	--	130	130	98	98	110	98	--	--
Dibenzofuran	132-64-9	ppb	3	2	67	39	110	320	320	100	--	61	--	88	110	--	--
Diethyl phthalate	84-66-2	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	3	1	33	110	110	300	440	160	--	56	--	150	150	--	--
Di-n-Octylphthalate	117-84-0	ppb	1	0	0	--	--	300	300	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	ppb	4	4	100	1,500	6,300	--	--	3,000	3,000	2,300	2,300	2,500	2,100	--	--
Fluorene	86-73-7	ppb	4	4	100	84	220	--	--	150	150	56	56	140	140	--	--
Hexachlorobenzene	118-74-1	ppb	3	1	33	4.0	4.0	8.5	33	8.3	--	7.1	--	6.5	4.3	--	--
Hexachlorobutadiene	87-68-3	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	4	4	100	160	760	--	--	410	410	270	270	350	360	--	--
Isophorone	78-59-1	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	4	4	100	100	470	--	--	230	230	170	170	190	170	--	--
Nitrobenzene	98-95-3	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	3	0	0	--	--	300	440	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	3	2	67	110	460	440	440	260	--	180	--	220	220	--	--
Pentachlorophenol	87-86-5	ppb	3	0	0	--	--	17	67	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb	4	4	100	360	1,800	--	--	900	900	650	650	740	720	--	--
Phenol	108-95-2	ppb	3	1	33	150	150	300	440	170	--	40	--	170	150	--	--

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2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Pyrene	129-00-0	ppb	4	4	100	1,000	3,600	--	--	2,300	2,300	1,100	1,100	2,100	2,300	--	--
Total HMW PAHs-SVOC	No CAS	ppb	4	4	100	6,400	26,000	--	--	13,000	13,000	8,800	8,800	11,000	10,000	--	--
Total LMW PAHs-SVOC	No CAS	ppb	4	4	100	1,500	2,700	--	--	2,100	2,100	490	490	2,100	2,200	--	--
TOTAL PAHs - SVOC	No CAS	ppb	4	4	100	8,600	29,000	--	--	16,000	16,000	9,200	9,200	14,000	13,000	--	--
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	3	3	100	1,100	4,400	--	--	2,800	2,800	1,700	1,700	2,400	2,900	--	--
Volatiles																	
1,2,3-Trichlorobenzene	87-61-6	ppb	3	0	0	--	--	11	23	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	3	0	0	--	--	11	23	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb	3	0	0	--	--	11	23	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb	3	0	0	--	--	11	23	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	ppb	3	0	0	--	--	11	23	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb	3	0	0	--	--	11	23	--	--	--	--	--	--	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	8	1	13	52	52	15	26	16	--	15	--	12	12	--	--
2,4,5-TP (Silvex)	93-72-1	ppb	8	7	88	9.2	68	8.5	8.5	25	26	20	18	19	22	N/G/Ln	N/Ln
2,4-D	94-75-7	ppb	9	6	67	79	280	62	68	120	130	92	74	85	82	N/G/Ln	N/Ln
2,4-DB	94-82-6	ppb	2	2	100	50	71	--	--	61	61	15	15	60	61	--	--
PBDEs																	
BDE-1	BDE-1	ppb	3	2	67	0.016	0.041	0.0040	0.0040	0.020	--	0.020	--	0.011	0.016	--	--
BDE-10	BDE-10	ppb	3	0	0	--	--	0.00047	0.0015	--	--	--	--	--	--	--	--
BDE-100	BDE-100	ppb	3	2	67	0.045	0.079	0.0028	0.0028	0.042	--	0.039	--	0.017	0.045	--	--
BDE-105	BDE-105	ppb	3	0	0	--	--	0.0041	0.075	--	--	--	--	--	--	--	--
BDE-116	BDE-116	ppb	3	0	0	--	--	0.0027	0.037	--	--	--	--	--	--	--	--
BDE-118	BDE-118	ppb	3	0	0	--	--	0.0023	0.031	--	--	--	--	--	--	--	--
BDE-119	BDE-119	ppb	3	0	0	--	--	0.00073	0.017	--	--	--	--	--	--	--	--
BDE-12/13	BDE-12/13	ppb	3	2	67	0.0092	0.012	0.00055	0.00055	0.0073	--	0.0063	--	0.0032	0.0092	--	--
BDE-126	BDE-126	ppb	3	0	0	--	--	0.0012	0.016	--	--	--	--	--	--	--	--
BDE-138	BDE-138	ppb	3	2	67	0.048	0.087	0.024	0.024	0.049	--	0.037	--	0.037	0.047	--	--
BDE-139	BDE-139	ppb	3	2	67	0.032	0.048	0.029	0.029	0.031	--	0.017	--	0.028	0.032	--	--
BDE-140	BDE-140	ppb	3	2	67	0.021	0.041	0.031	0.031	0.026	--	0.013	--	0.024	0.021	--	--
BDE-15	BDE-15	ppb	3	2	67	0.035	0.042	0.0022	0.0022	0.026	--	0.022	--	0.012	0.035	--	--
BDE-153	BDE-153	ppb	3	2	67	0.39	0.70	0.021	0.021	0.37	--	0.35	--	0.14	0.39	--	--
BDE-154	BDE-154	ppb	3	2	67	0.13	0.23	0.013	0.013	0.12	--	0.11	--	0.058	0.13	--	--
BDE-155	BDE-155	ppb	3	2	67	0.0052	0.0088	0.012	0.012	0.0066	--	0.0019	--	0.0065	0.0059	--	--
BDE-156/169	BDE-156/169	ppb	3	0	0	--	--	0.0091	0.055	--	--	--	--	--	--	--	--
BDE-166	BDE-166	ppb	3	0	0	--	--	0.0078	0.048	--	--	--	--	--	--	--	--
BDE-17	BDE-17	ppb	3	2	67	0.0097	0.019	0.00020	0.00020	0.0097	--	0.0097	--	0.0026	0.0097	--	--

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
BDE-179	BDE-179	ppb	3	2	67	0.65	1.1	0.017	0.017	0.60	--	0.57	--	0.18	0.65	--	--
BDE-181	BDE-181	ppb	3	1	33	0.071	0.071	0.012	0.040	0.032	--	0.034	--	0.020	0.020	--	--
BDE-183/176	BDE-183/176	ppb	3	2	67	1.4	2.1	0.0075	0.0075	1.2	--	1.1	--	0.22	1.4	--	--
BDE-188	BDE-188	ppb	3	2	67	0.044	0.073	0.0098	0.0098	0.041	--	0.034	--	0.025	0.044	--	--
BDE-190	BDE-190	ppb	3	2	67	0.15	0.23	0.018	0.018	0.13	--	0.11	--	0.067	0.15	--	--
BDE-191	BDE-191	ppb	3	2	67	0.33	0.47	0.023	0.023	0.27	--	0.23	--	0.12	0.33	--	--
BDE-196	BDE-196	ppb	3	2	67	9.5	15	0.012	0.012	8.2	--	7.6	--	0.96	9.5	--	--
BDE-197	BDE-197	ppb	3	2	67	0.65	1.0	0.0019	0.0019	0.56	--	0.52	--	0.085	0.65	--	--
BDE-2	BDE-2	ppb	3	2	67	0.073	0.13	0.0028	0.0028	0.069	--	0.065	--	0.024	0.073	--	--
BDE-202	BDE-202	ppb	3	2	67	0.58	1.0	0.011	0.011	0.53	--	0.50	--	0.15	0.58	--	--
BDE-203	BDE-203	ppb	3	2	67	2.2	3.5	0.0040	0.0040	1.9	--	1.8	--	0.25	2.2	--	--
BDE-205	BDE-205	ppb	3	0	0	--	--	0.032	0.39	--	--	--	--	--	--	--	--
BDE-207	BDE-207	ppb	3	2	67	2.5	3.7	0.052	0.052	2.1	--	1.8	--	0.62	2.5	--	--
BDE-208	BDE-208	ppb	3	2	67	1.2	2.0	0.057	0.057	1.1	--	0.99	--	0.41	1.2	--	--
BDE-209	BDE-209	ppb	3	2	67	17	30	0.080	0.080	16	--	15	--	2.7	17	--	--
BDE-25	BDE-25	ppb	3	0	0	--	--	0.00032	0.00084	--	--	--	--	--	--	--	--
BDE-28/33	BDE-28/33	ppb	3	2	67	0.021	0.025	0.0012	0.0012	0.016	--	0.013	--	0.0068	0.021	--	--
BDE-3	BDE-3	ppb	3	2	67	0.085	0.10	0.0025	0.0025	0.062	--	0.054	--	0.022	0.085	--	--
BDE-30	BDE-30	ppb	3	0	0	--	--	0.00025	0.00065	--	--	--	--	--	--	--	--
BDE-32	BDE-32	ppb	3	2	67	0.0062	0.0083	0.00025	0.00025	0.0048	--	0.0042	--	0.0018	0.0061	--	--
BDE-35	BDE-35	ppb	3	0	0	--	--	0.00022	0.0075	--	--	--	--	--	--	--	--
BDE-37	BDE-37	ppb	3	0	0	--	--	0.00022	0.00057	--	--	--	--	--	--	--	--
BDE-47	BDE-47	ppb	3	2	67	0.13	0.20	0.0056	0.0056	0.11	--	0.100	--	0.042	0.13	--	--
BDE-49	BDE-49	ppb	3	2	67	0.042	0.094	0.00010	0.00010	0.045	--	0.047	--	0.0059	0.042	--	--
BDE-66	BDE-66	ppb	3	2	67	0.0059	0.0091	0.00038	0.00038	0.0051	--	0.0045	--	0.0022	0.0058	--	--
BDE-7	BDE-7	ppb	3	2	67	0.030	0.074	0.00088	0.00088	0.035	--	0.037	--	0.0099	0.030	--	--
BDE-71	BDE-71	ppb	3	2	67	0.0056	0.014	0.00028	0.00028	0.0067	--	0.0071	--	0.0022	0.0056	--	--
BDE-75	BDE-75	ppb	3	0	0	--	--	0.00017	0.0013	--	--	--	--	--	--	--	--
BDE-77	BDE-77	ppb	3	0	0	--	--	0.00022	0.0017	--	--	--	--	--	--	--	--
BDE-8/11	BDE-8/11	ppb	3	2	67	0.025	0.046	0.00070	0.00070	0.024	--	0.023	--	0.0074	0.025	--	--
BDE-85	BDE-85	ppb	3	2	67	0.011	0.019	0.0015	0.0015	0.010	--	0.0092	--	0.0054	0.011	--	--
BDE-99	BDE-99	ppb	3	2	67	0.39	0.69	0.012	0.012	0.36	--	0.34	--	0.12	0.39	--	--
Arclor PCBs																	
Aroclor-1016	12674-11-2	ppb	9	0	0	--	--	51	85	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	9	0	0	--	--	51	85	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	9	0	0	--	--	51	85	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	9	4	44	77	210	51	74	85	--	72	--	62	37	--	--
Aroclor-1248	12672-29-6	ppb	9	0	0	--	--	51	85	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb	9	5	56	110	240	51	74	110	150	84	46	81	110	N/G/Ln	N/Ln

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Aroclor-1260	11096-82-5	ppb	9	5	56	42	74	51	74	47	54	17	12	44	42	N/G/Ln	N/G/Ln
Aroclor-1262	37324-23-5	ppb	9	0	0	--	--	51	85	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	9	2	22	80	110	51	85	48	--	29	--	42	41	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb	9	5	56	180	520	51	74	210	280	190	120	120	180	N/G/Ln	N/Ln
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb	9	6	67	80	520	51	74	230	250	190	160	130	290	N/G/Ln	N
PCNs																	
PCN-1	PCN-1	ppt	3	3	100	40	620	--	--	360	360	290	290	220	420	--	--
PCN-10	PCN-10	ppt	3	2	67	26	32	9.9	9.9	21	--	14	--	16	26	--	--
PCN-12	PCN-12	ppt	3	2	67	480	560	9.9	9.9	350	--	300	--	110	480	--	--
PCN-13	PCN-13	ppt	3	2	67	32	41	9.9	9.9	26	--	19	--	19	32	--	--
PCN-2	PCN-2	ppt	3	3	100	30	250	--	--	160	160	110	110	110	200	--	--
PCN-27	PCN-27	ppt	3	2	67	39	40	9.9	9.9	28	--	20	--	20	39	--	--
PCN-28/36	PCN-28/36	ppt	3	2	67	190	240	20	20	150	--	120	--	77	190	--	--
PCN-3	PCN-3	ppt	3	2	67	61	66	9.9	9.9	44	--	34	--	27	61	--	--
PCN-31	PCN-31	ppt	3	2	67	280	330	9.9	9.9	200	--	170	--	77	280	--	--
PCN-42	PCN-42	ppt	3	2	67	460	620	9.9	9.9	360	--	320	--	110	460	--	--
PCN-46	PCN-46	ppt	3	0	0	--	--	9.9	50	--	--	--	--	--	--	--	--
PCN-48	PCN-48	ppt	3	0	0	--	--	9.9	50	--	--	--	--	--	--	--	--
PCN-49	PCN-49	ppt	3	1	33	35	35	9.9	10	15	--	17	--	9.5	5.0	--	--
PCN-5	PCN-5	ppt	3	2	67	490	710	9.9	9.9	400	--	360	--	120	490	--	--
PCN-50	PCN-50	ppt	3	2	67	110	120	9.9	9.9	77	--	63	--	40	110	--	--
PCN-52	PCN-52	ppt	3	2	67	540	680	9.9	9.9	410	--	360	--	120	540	--	--
PCN-53	PCN-53	ppt	3	2	67	420	470	9.9	9.9	300	--	250	--	99	420	--	--
PCN-54	PCN-54	ppt	3	0	0	--	--	9.9	50	--	--	--	--	--	--	--	--
PCN-6	PCN-6	ppt	3	2	67	380	540	9.9	9.9	310	--	270	--	100	380	--	--
PCN-66/67	PCN-66/67	ppt	3	2	67	110	140	20	20	88	--	70	--	54	110	--	--
PCN-68	PCN-68	ppt	3	2	67	170	220	9.9	9.9	130	--	110	--	56	170	--	--
PCN-69	PCN-69	ppt	3	2	67	290	340	9.9	9.9	210	--	180	--	79	290	--	--
PCN-70	PCN-70	ppt	3	0	0	--	--	9.9	50	--	--	--	--	--	--	--	--
PCN-71/72	PCN-71/72	ppt	3	2	67	390	410	20	20	270	--	230	--	120	390	--	--
PCN-73	PCN-73	ppt	3	2	67	120	150	9.9	9.9	89	--	74	--	44	120	--	--
PCN-74	PCN-74	ppt	3	2	67	170	240	9.9	9.9	140	--	120	--	58	170	--	--
PCN-75	PCN-75	ppt	3	2	67	18	22	9.9	9.9	15	--	8.8	--	12	18	--	--
PCN-9	PCN-9	ppt	3	1	33	16	16	9.9	50	15	--	10.0	--	13	16	--	--
Pesticides																	
2,4'-DDD	53-19-0	ppb	9	0	0	--	--	5.1	8.5	--	--	--	--	--	--	--	--
2,4'-DDE	3424-82-6	ppb	9	0	0	--	--	5.1	8.5	--	--	--	--	--	--	--	--
2,4'-DDT	789-02-6	ppb	9	0	0	--	--	5.1	8.5	--	--	--	--	--	--	--	--
4,4'-DDD	72-54-8	ppb	9	5	56	2.0	21	5.1	7.4	6.1	6.1	5.9	5.7	4.7	3.7	N/G/Ln	G/Ln

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
4,4'-DDE	72-55-9	ppb	9	5	56	1.8	16	5.1	8.1	7.3	6.8	5.6	5.8	5.5	4.1	N/G/Ln	G
4,4'-DDT	50-29-3	ppb	9	4	44	6.0	13	5.1	8.3	6.4	--	3.9	--	5.4	4.2	--	--
Aldrin	309-00-2	ppb	9	1	11	0.53	0.53	2.6	4.3	1.7	--	0.52	--	1.5	1.9	--	--
Alpha-BHC	319-84-6	ppb	9	2	22	0.45	14	2.6	4.3	3.0	--	4.2	--	1.9	1.9	--	--
Alpha-Chlordane	5103-71-9	ppb	9	2	22	0.96	8.3	2.6	4.3	2.4	--	2.2	--	1.9	1.9	--	--
Beta-BHC	319-85-7	ppb	8	2	25	1.2	7.5	2.6	4.3	2.4	--	2.1	--	2.0	1.9	--	--
Delta-BHC	319-86-8	ppb	9	1	11	1.4	1.4	2.6	4.3	1.7	--	0.36	--	1.7	1.9	--	--
Dieldrin	60-57-1	ppb	9	3	33	2.1	6.9	5.1	8.5	3.7	--	1.4	--	3.5	3.7	--	--
Endosulfan I	959-98-8	ppb	9	0	0	--	--	2.6	4.3	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb	9	0	0	--	--	5.1	8.5	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb	9	1	11	4.3	4.3	5.1	8.5	3.5	--	0.72	--	3.5	3.7	--	--
Endrin	72-20-8	ppb	9	0	0	--	--	5.1	8.5	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb	9	0	0	--	--	5.1	8.5	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb	9	2	22	1.7	1.8	5.1	8.5	3.1	--	0.95	--	3.0	3.3	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	9	2	22	0.53	1.7	2.6	4.3	1.7	--	0.52	--	1.6	1.9	--	--
Gamma-Chlordane	5566-34-7	ppb	9	1	11	11	11	2.6	4.3	2.8	--	3.1	--	2.2	1.9	--	--
Heptachlor	76-44-8	ppb	8	1	13	46	46	2.6	4.3	7.3	--	16	--	2.6	2.0	--	--
Heptachlor Epoxide	1024-57-3	ppb	9	2	22	1.2	2.6	2.6	4.3	1.7	--	0.48	--	1.7	1.6	--	--
Methoxychlor	72-43-5	ppb	9	0	0	--	--	26	43	--	--	--	--	--	--	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb	9	2	22	0.96	19	2.6	4.3	3.6	--	5.8	--	2.1	1.9	--	--
Total DDT (2,4 & 4,4)	No CAS	ppb	9	6	67	6.2	49	5.1	7.4	16	17	16	14	9.9	14	N/G/Ln	N/Ln
Total DDT (2,4)	No CAS	ppb	9	0	0	--	--	5.1	8.5	--	--	--	--	--	--	--	--
Total DDT (4,4)	No CAS	ppb	9	6	67	6.2	49	5.1	7.4	16	17	16	14	9.9	14	N/G/Ln	N/Ln
Toxaphene	8001-35-2	ppb	9	0	0	--	--	260	430	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	9	0	0	--	--	510	1,800	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	9	9	100	9.3	930	--	--	200	200	300	300	71	50	G/Ln	G/Ln
2-Methylphenol	95-48-7	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2-Nitroaniline	88-74-4	ppb	9	0	0	--	--	510	1,800	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	9	0	0	--	--	510	1,800	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	9	0	0	--	--	510	1,800	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	9	2	22	71	160	260	940	220	--	120	--	190	210	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	9	1	11	110	110	260	940	210	--	110	--	190	210	--	--
4-Nitroaniline	100-01-6	ppb	9	0	0	--	--	510	1,800	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	9	0	0	--	--	510	1,800	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	9	8	89	2.4	800	31	31	230	230	320	300	59	53	G/Ln	G/Ln
Acenaphthylene	208-96-8	ppb	9	8	89	7.0	980	5.6	5.6	250	260	330	310	85	91	G/Ln	N/Ln
Acetophenone	98-86-2	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
Anthracene	120-12-7	ppb	9	9	100	12	3,800	--	--	800	800	1,200	1,200	270	210	G/Ln	G/Ln
Atrazine	1912-24-9	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb	9	3	33	69	86	260	940	190	--	130	--	150	150	--	--
Benzo(a)anthracene	56-55-3	ppb	9	9	100	12	4,600	--	--	1,400	1,400	1,500	1,500	600	580	N/G/Ln	N/G/Ln
Benzo(a)pyrene	50-32-8	ppb	9	8	89	180	4,600	7.6	7.6	1,500	1,500	1,500	1,300	600	1,000	N/G/Ln	N/Ln
Benzo(b)fluoranthene	205-99-2	ppb	9	9	100	10	4,300	--	--	1,500	1,500	1,300	1,300	720	1,200	N/G	N/G
Benzo(g,h,i)perylene	191-24-2	ppb	9	9	100	7.3	1,200	--	--	390	390	370	370	200	300	N/G/Ln	N/G/Ln
Benzo(k)fluoranthene	207-08-9	ppb	9	9	100	7.7	3,800	--	--	1,400	1,400	1,200	1,200	660	1,200	N/G	N/G
Biphenyl	92-52-4	ppb	9	1	11	55	55	260	940	220	--	120	--	190	210	--	--
bis(2-Chloroethoxy)methane	111-91-1	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	9	6	67	52	7,000	490	940	1,600	1,500	2,300	2,200	580	470	N/G/Ln	G
Butyl benzyl phthalate	85-68-7	ppb	9	4	44	74	130	260	940	190	--	130	--	160	130	--	--
Caprolactam	105-60-2	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb	9	3	33	47	390	260	630	200	--	110	--	170	210	--	--
Chrysene	218-01-9	ppb	9	9	100	15	5,600	--	--	1,700	1,700	1,800	1,800	720	760	N/G/Ln	N/G/Ln
Dibenzo(a,h)anthracene	53-70-3	ppb	9	9	100	1.9	400	--	--	130	130	120	120	68	86	N/G/Ln	N/G/Ln
Dibenzofuran	132-64-9	ppb	9	4	44	42	250	260	440	160	--	61	--	150	150	--	--
Diethyl phthalate	84-66-2	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	9	1	11	46	46	260	940	210	--	120	--	180	210	--	--
Di-n-Octylphthalate	117-84-0	ppb	4	0	0	--	--	260	940	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	ppb	9	9	100	48	7,000	--	--	2,500	2,500	2,300	2,300	1,300	1,400	N/G/Ln	N/G/Ln
Fluorene	86-73-7	ppb	9	9	100	12	1,100	--	--	240	240	360	360	87	54	G/Ln	G/Ln

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Hexachlorobenzene	118-74-1	ppb	9	0	0	--	--	5.1	49	--	--	--	--	--	--	--	--
Hexachlorobutadiene	87-68-3	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	9	9	100	5.7	1,000	--	--	340	340	310	310	180	260	N/G/Ln	N/G/Ln
Isophorone	78-59-1	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	9	8	89	15	870	9.3	9.3	210	210	270	260	93	110	G/Ln	N/Ln
Nitrobenzene	98-95-3	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	9	4	44	260	800	260	440	340	--	240	--	280	220	--	--
Pentachlorophenol	87-86-5	ppb	9	0	0	--	--	10	99	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb	9	9	100	33	5,300	--	--	1,100	1,100	1,700	1,700	420	380	G/Ln	G/Ln
Phenol	108-95-2	ppb	9	0	0	--	--	260	940	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb	9	9	100	46	7,500	--	--	2,300	2,300	2,400	2,400	1,100	1,200	N/G/Ln	N/G/Ln
Total HMW PAHs-SVOC	No CAS	ppb	9	9	100	150	40,000	--	--	13,000	13,000	13,000	13,000	6,200	7,900	N/G/Ln	N/G/Ln
Total LMW PAHs-SVOC	No CAS	ppb	9	9	100	69	14,000	--	--	3,100	3,100	4,500	4,500	1,100	930	G/Ln	G/Ln
TOTAL PAHs - SVOC	No CAS	ppb	9	9	100	220	54,000	--	--	16,000	16,000	17,000	17,000	7,500	8,800	N/G/Ln	N/G/Ln
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	9	8	89	71	14,000	45	45	3,900	3,900	4,700	4,500	1,300	1,900	N/G/Ln	N/Ln
Volatiles																	
1,2,3-Trichlorobenzene	87-61-6	ppb	9	0	0	--	--	8.9	22	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	9	0	0	--	--	8.9	22	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb	9	0	0	--	--	8.9	22	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb	9	0	0	--	--	8.9	22	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	ppb	9	0	0	--	--	8.9	22	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb	9	0	0	--	--	8.9	22	--	--	--	--	--	--	--	--
Subsurface (>3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	18	7	39	21	59	16	24	21	28	17	12	16	12	N/G/Ln	NP
2,4,5-TP (Silvex)	93-72-1	ppb	15	11	73	9.3	330	7.8	9.3	40	41	81	78	17	15	Ln	Ln
2,4-D	94-75-7	ppb	21	16	76	23	360	62	93	110	110	110	110	75	62	G/Ln	G/Ln
2,4-DB	94-82-6	ppb	6	1	17	290	290	31	91	68	--	110	--	34	21	--	--
PBDEs																	
BDE-1	BDE-1	ppb	9	5	56	0.0064	0.024	0.0015	0.0038	0.0072	0.0094	0.0074	0.0053	0.0042	0.0064	N/G/Ln	N/Ln
BDE-10	BDE-10	ppb	9	0	0	--	--	0.00029	0.0069	--	--	--	--	--	--	--	--
BDE-100	BDE-100	ppb	9	3	33	0.022	0.080	0.0016	0.017	0.016	--	0.026	--	0.0042	0.0013	--	--
BDE-105	BDE-105	ppb	9	0	0	--	--	0.00058	0.100	--	--	--	--	--	--	--	--
BDE-116	BDE-116	ppb	9	0	0	--	--	0.00040	0.061	--	--	--	--	--	--	--	--
BDE-118	BDE-118	ppb	9	0	0	--	--	0.00034	0.051	--	--	--	--	--	--	--	--
BDE-119	BDE-119	ppb	9	0	0	--	--	0.00018	0.028	--	--	--	--	--	--	--	--

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
BDE-12/13	BDE-12/13	ppb	9	3	33	0.014	0.054	0.00020	0.0048	0.011	--	0.019	--	0.0012	0.00037	--	--
BDE-126	BDE-126	ppb	9	0	0	--	--	0.00017	0.027	--	--	--	--	--	--	--	--
BDE-138	BDE-138	ppb	9	2	22	0.026	0.11	0.0016	0.24	0.032	--	0.048	--	0.0096	0.0086	--	--
BDE-139	BDE-139	ppb	9	1	11	0.043	0.043	0.0020	0.29	0.025	--	0.047	--	0.0071	0.0060	--	--
BDE-140	BDE-140	ppb	9	0	0	--	--	0.0021	0.31	--	--	--	--	--	--	--	--
BDE-15	BDE-15	ppb	9	5	56	0.092	0.37	0.0016	0.0019	0.15	0.19	0.17	0.12	0.020	0.092	N/G/Ln	N/Ln
BDE-153	BDE-153	ppb	9	3	33	0.20	0.81	0.0012	0.22	0.16	--	0.26	--	0.018	0.0069	--	--
BDE-154	BDE-154	ppb	9	3	33	0.060	0.29	0.00068	0.16	0.059	--	0.093	--	0.0094	0.0046	--	--
BDE-155	BDE-155	ppb	9	1	11	0.0083	0.0083	0.00062	0.15	0.011	--	0.024	--	0.0030	0.0022	--	--
BDE-156/169	BDE-156/169	ppb	9	0	0	--	--	0.0031	0.45	--	--	--	--	--	--	--	--
BDE-166	BDE-166	ppb	9	0	0	--	--	0.0026	0.39	--	--	--	--	--	--	--	--
BDE-17	BDE-17	ppb	9	3	33	0.014	0.035	0.00012	0.0041	0.0076	--	0.012	--	0.00099	0.0012	--	--
BDE-179	BDE-179	ppb	9	3	33	0.31	0.93	0.0059	0.14	0.19	--	0.31	--	0.034	0.0080	--	--
BDE-181	BDE-181	ppb	9	0	0	--	--	0.0041	0.098	--	--	--	--	--	--	--	--
BDE-183/176	BDE-183/176	ppb	9	3	33	1.2	3.2	0.0027	0.063	0.66	--	1.1	--	0.031	0.0036	--	--
BDE-188	BDE-188	ppb	9	0	0	--	--	0.0035	0.082	--	--	--	--	--	--	--	--
BDE-190	BDE-190	ppb	9	2	22	0.097	0.11	0.0064	0.15	0.037	--	0.044	--	0.017	0.0086	--	--
BDE-191	BDE-191	ppb	9	3	33	0.15	0.71	0.0082	0.19	0.14	--	0.23	--	0.036	0.011	--	--
BDE-196	BDE-196	ppb	9	3	33	5.6	28	0.0095	0.13	5.2	--	9.7	--	0.12	0.012	--	--
BDE-197	BDE-197	ppb	9	3	33	0.43	1.4	0.0014	0.020	0.26	--	0.48	--	0.013	0.0018	--	--
BDE-2	BDE-2	ppb	9	3	33	0.11	0.33	0.0011	0.012	0.067	--	0.11	--	0.0074	0.0026	--	--
BDE-202	BDE-202	ppb	9	3	33	0.13	0.65	0.0087	0.12	0.12	--	0.21	--	0.031	0.011	--	--
BDE-203	BDE-203	ppb	9	3	33	1.2	3.1	0.0031	0.042	0.62	--	1.1	--	0.028	0.0039	--	--
BDE-205	BDE-205	ppb	9	0	0	--	--	0.024	0.49	--	--	--	--	--	--	--	--
BDE-207	BDE-207	ppb	8	3	38	1.3	6.4	0.020	0.082	1.4	--	2.4	--	0.15	0.038	--	--
BDE-208	BDE-208	ppb	8	3	38	0.44	1.3	0.023	0.090	0.31	--	0.46	--	0.088	0.042	--	--
BDE-209	BDE-209	ppb	8	3	38	12	110	0.040	0.29	24	--	43	--	0.67	0.11	--	--
BDE-25	BDE-25	ppb	9	1	11	0.12	0.12	0.00020	0.0068	0.014	--	0.041	--	0.00075	0.00035	--	--
BDE-28/33	BDE-28/33	ppb	9	5	56	0.021	0.11	0.00023	0.00084	0.030	0.039	0.037	0.029	0.0044	0.021	N/G/Ln	N/Ln
BDE-3	BDE-3	ppb	9	5	56	0.0016	0.27	0.0017	0.0046	0.066	0.066	0.097	0.091	0.0097	0.0023	N/G/Ln	G
BDE-30	BDE-30	ppb	9	0	0	--	--	0.00016	0.0053	--	--	--	--	--	--	--	--
BDE-32	BDE-32	ppb	9	3	33	0.018	0.064	0.00016	0.0052	0.012	--	0.021	--	0.0013	0.0016	--	--
BDE-35	BDE-35	ppb	9	0	0	--	--	0.00014	0.061	--	--	--	--	--	--	--	--
BDE-37	BDE-37	ppb	9	0	0	--	--	0.00014	0.0046	--	--	--	--	--	--	--	--
BDE-47	BDE-47	ppb	9	3	33	0.083	0.32	0.0040	0.0077	0.057	--	0.11	--	0.010	0.0035	--	--
BDE-49	BDE-49	ppb	9	2	22	0.058	0.18	0.000065	0.0026	0.027	--	0.060	--	0.00076	0.00035	--	--
BDE-66	BDE-66	ppb	9	2	22	0.0048	0.012	0.000096	0.0039	0.0022	--	0.0039	--	0.00048	0.00020	--	--
BDE-7	BDE-7	ppb	9	3	33	0.035	0.10	0.00033	0.0077	0.020	--	0.034	--	0.0021	0.00059	--	--
BDE-71	BDE-71	ppb	9	3	33	0.0061	0.39	0.000069	0.0028	0.046	--	0.13	--	0.00093	0.00037	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
BDE-75	BDE-75	ppb	9	0	0	--	--	0.000043	0.0017	--	--	--	--	--	--	--	--
BDE-77	BDE-77	ppb	9	0	0	--	--	0.000054	0.0022	--	--	--	--	--	--	--	--
BDE-8/11	BDE-8/11	ppb	9	5	56	0.046	0.18	0.00026	0.00044	0.056	0.077	0.064	0.044	0.0056	0.046	N/G/Ln	N/Ln
BDE-85	BDE-85	ppb	9	1	11	0.018	0.018	0.00023	0.035	0.0049	--	0.0073	--	0.0013	0.0011	--	--
BDE-99	BDE-99	ppb	9	3	33	0.17	0.77	0.0077	0.028	0.14	--	0.25	--	0.022	0.0063	--	--
Arclor PCBs																	
Aroclor-1016	12674-11-2	ppb	21	0	0	--	--	52	79	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	21	0	0	--	--	52	79	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	21	0	0	--	--	52	79	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	21	8	38	200	3,200	52	72	540	640	900	830	110	35	N/G/Ln	NP
Aroclor-1248	12672-29-6	ppb	21	0	0	--	--	52	79	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb	21	8	38	220	2,100	52	72	440	560	700	610	110	35	N/G/Ln	NP
Aroclor-1260	11096-82-5	ppb	21	8	38	72	650	52	72	120	150	170	150	64	35	N/G/Ln	NP
Aroclor-1262	37324-23-5	ppb	21	0	0	--	--	52	79	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	21	0	0	--	--	52	79	--	--	--	--	--	--	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb	21	8	38	490	6,000	52	72	1,100	1,300	1,800	1,600	150	35	N/G/Ln	NP
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb	21	8	38	490	6,000	52	72	1,100	1,300	1,800	1,600	150	35	N/G/Ln	NP
PCNs																	
PCN-1	PCN-1	ppt	11	10	91	17	63,000	49	49	8,800	8,800	19,000	18,000	430	330	G/Ln	G/Ln
PCN-10	PCN-10	ppt	11	6	55	8.1	33	49	50	20	15	9.2	10	17	25	NP	N/G/Ln
PCN-12	PCN-12	ppt	11	10	91	7.2	4,600	49	49	1,000	1,000	1,500	1,400	130	110	G	G
PCN-13	PCN-13	ppt	11	7	64	1.7	360	9.8	49	67	65	110	100	22	25	G/Ln	G/Ln
PCN-2	PCN-2	ppt	11	10	91	15	7,800	49	49	1,200	1,200	2,400	2,200	170	170	G/Ln	G/Ln
PCN-27	PCN-27	ppt	11	5	46	36	1,100	9.8	50	190	210	340	310	38	25	N/G/Ln	NP
PCN-28/36	PCN-28/36	ppt	11	6	55	46	1,500	20	99	410	420	570	540	91	49	N/G/Ln	N/Ln
PCN-3	PCN-3	ppt	11	6	55	29	3,200	9.8	49	450	460	980	930	50	29	G/Ln	N/Ln
PCN-31	PCN-31	ppt	11	6	55	68	2,500	9.8	49	660	690	990	920	83	68	N/G/Ln	NP
PCN-42	PCN-42	ppt	11	6	55	100	2,200	9.8	49	770	810	920	840	100	100	N/G	NP
PCN-46	PCN-46	ppt	11	4	36	94	880	9.8	50	180	--	290	--	36	25	--	--
PCN-48	PCN-48	ppt	11	3	27	76	160	9.8	50	44	--	55	--	21	25	--	--
PCN-49	PCN-49	ppt	11	6	55	16	190	9.8	49	60	64	73	66	25	25	N/G/Ln	N
PCN-5	PCN-5	ppt	11	6	55	220	73,000	11	49	10,000	11,000	22,000	21,000	280	220	G/Ln	NP
PCN-50	PCN-50	ppt	11	6	55	42	950	9.8	49	240	260	330	300	54	42	N/G/Ln	N
PCN-52	PCN-52	ppt	11	6	55	95	2,100	9.8	49	700	740	860	790	97	95	N/G	NP
PCN-53	PCN-53	ppt	11	6	55	12	1,700	9.8	49	440	440	670	640	49	21	N/G/Ln	N
PCN-54	PCN-54	ppt	11	4	36	460	1,900	9.8	50	500	--	770	--	56	25	--	--
PCN-6	PCN-6	ppt	11	10	91	5.8	8,100	49	49	1,600	1,600	2,600	2,500	150	130	G	G
PCN-66/67	PCN-66/67	ppt	11	7	64	3.7	800	20	99	230	220	300	290	64	49	N/G/Ln	N/G/Ln
PCN-68	PCN-68	ppt	11	6	55	31	910	9.8	49	260	270	340	320	55	31	N/G/Ln	N

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCN-69	PCN-69	ppt	11	6	55	49	1,600	9.8	49	440	460	590	550	72	49	N/G/Ln	N
PCN-70	PCN-70	ppt	11	1	9	720	720	9.8	50	80	--	210	--	19	25	--	--
PCN-71/72	PCN-71/72	ppt	11	6	55	63	2,500	20	99	660	680	910	850	120	63	N/G/Ln	N/Ln
PCN-73	PCN-73	ppt	11	6	55	69	1,300	9.8	49	300	320	430	390	59	69	N/G/Ln	NP
PCN-74	PCN-74	ppt	11	6	55	110	1,200	9.8	49	360	410	480	420	70	110	N/G/Ln	NP
PCN-75	PCN-75	ppt	11	8	73	3.0	510	9.9	49	120	120	180	170	30	25	G/Ln	G/Ln
PCN-9	PCN-9	ppt	11	2	18	290	590	9.8	50	93	--	180	--	23	25	--	--
Pesticides																	
2,4'-DDD	53-19-0	ppb	20	4	20	8.3	27	5.2	7.9	6.5	--	7.4	--	4.5	3.4	--	--
2,4'-DDE	3424-82-6	ppb	21	8	38	6.2	34	5.2	7.2	9.6	12	11	9.7	5.9	3.5	N/G/Ln	NP
2,4'-DDT	789-02-6	ppb	19	0	0	--	--	5.2	7.9	--	--	--	--	--	--	--	--
4,4'-DDD	72-54-8	ppb	21	11	52	1.5	130	5.2	6.7	19	18	33	32	6.3	3.2	G/Ln	NP
4,4'-DDE	72-55-9	ppb	21	8	38	19	170	5.2	7.2	32	42	52	45	9.5	3.5	N/G/Ln	NP
4,4'-DDT	50-29-3	ppb	21	6	29	9.2	73	5.2	7.9	11	16	17	15	5.8	3.5	N/G/Ln	NP
Aldrin	309-00-2	ppb	21	0	0	--	--	2.6	4.0	--	--	--	--	--	--	--	--
Alpha-BHC	319-84-6	ppb	21	0	0	--	--	2.6	4.0	--	--	--	--	--	--	--	--
Alpha-Chlordane	5103-71-9	ppb	21	7	33	0.97	35	2.6	3.6	5.5	5.2	8.7	8.7	2.7	1.6	N/G/Ln	NP
Beta-BHC	319-85-7	ppb	19	4	21	7.7	13	2.6	7.6	3.5	--	3.7	--	2.5	1.6	--	--
Delta-BHC	319-86-8	ppb	21	0	0	--	--	2.6	4.0	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb	21	8	38	4.4	120	5.2	7.2	22	23	37	35	7.2	3.5	N/G/Ln	NP
Endosulfan I	959-98-8	ppb	21	1	5	6.5	6.5	2.6	4.0	1.9	--	1.1	--	1.8	1.8	--	--
Endosulfan II	33213-65-9	ppb	21	3	14	1.5	1.6	5.2	7.9	3.1	--	0.77	--	3.0	3.2	--	--
Endosulfan Sulfate	1031-07-8	ppb	21	0	0	--	--	5.2	7.9	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb	21	2	10	1.2	1.4	5.2	7.9	3.2	--	0.76	--	3.1	3.3	--	--
Endrin Aldehyde	7421-93-4	ppb	21	0	0	--	--	5.2	7.9	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb	21	1	5	2.0	2.0	5.2	7.9	3.3	--	0.52	--	3.3	3.3	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	21	1	5	6.8	6.8	2.6	4.0	2.0	--	1.1	--	1.8	1.8	--	--
Gamma-Chlordane	5566-34-7	ppb	19	8	42	0.63	61	2.6	4.0	10	9.6	17	17	3.3	1.6	N/G/Ln	NP
Heptachlor	76-44-8	ppb	21	0	0	--	--	2.6	4.0	--	--	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	ppb	18	6	33	1.1	31	2.6	3.6	5.1	4.8	8.7	8.6	2.5	1.6	G/Ln	NP
Methoxychlor	72-43-5	ppb	21	0	0	--	--	26	40	--	--	--	--	--	--	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb	21	10	48	0.63	96	2.6	3.6	14	13	25	25	3.3	1.6	G/Ln	NP
Total DDT (2,4 & 4,4)	No CAS	ppb	21	11	52	1.5	410	5.2	6.7	70	69	120	120	11	3.2	G	NP
Total DDT (2,4)	No CAS	ppb	21	8	38	6.2	58	5.2	7.2	13	15	18	17	6.5	3.5	N/G/Ln	NP
Total DDT (4,4)	No CAS	ppb	21	11	52	1.5	370	5.2	6.7	58	57	100	100	10	3.2	G/Ln	NP
Toxaphene	8001-35-2	ppb	21	0	0	--	--	260	400	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2,3,4,6-Tetrachlorophenol	58-90-2	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	21	0	0	--	--	510	5,200	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	21	18	86	2.2	43,000	5.1	5.7	4,300	4,300	10,000	10,000	130	190	G/Ln	G/Ln
2-Methylphenol	95-48-7	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	21	0	0	--	--	510	5,200	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	21	0	0	--	--	510	5,200	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	21	0	0	--	--	510	5,200	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	21	3	14	75	470	270	2,700	380	--	380	--	260	170	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	21	3	14	63	150	270	2,700	380	--	380	--	260	170	--	--
4-Nitroaniline	100-01-6	ppb	21	0	0	--	--	510	5,200	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	21	0	0	--	--	510	5,200	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	21	17	81	1.5	7,000	5.1	5.9	910	910	1,700	1,700	85	220	G/Ln	G
Acenaphthylene	208-96-8	ppb	21	14	67	1.8	1,500	5.1	770	290	280	430	420	52	100	G/Ln	Ln
Acetophenone	98-86-2	ppb	21	1	5	85	85	270	2,700	390	--	370	--	280	200	--	--
Anthracene	120-12-7	ppb	21	19	91	2.1	20,000	5.1	7.2	3,400	3,400	5,900	5,800	240	1,100	G	G
Atrazine	1912-24-9	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb	21	3	14	48	80	270	2,700	380	--	380	--	250	170	--	--
Benzo(a)anthracene	56-55-3	ppb	21	18	86	4.0	7,800	5.1	140	2,300	2,300	2,600	2,600	320	1,100	G	N
Benzo(a)pyrene	50-32-8	ppb	21	14	67	220	6,700	5.1	14	1,900	1,900	2,200	2,100	230	1,100	N/G/Ln	N
Benzo(b)fluoranthene	205-99-2	ppb	21	18	86	4.9	5,000	5.1	5.7	1,500	1,500	1,600	1,600	240	1,000	N	N
Benzo(g,h,i)perylene	191-24-2	ppb	21	18	86	2.4	1,900	5.1	5.7	560	560	650	630	100	270	G	NP
Benzo(k)fluoranthene	207-08-9	ppb	21	18	86	3.7	5,600	5.1	140	1,500	1,500	1,700	1,700	250	920	G	NP
Biphenyl	92-52-4	ppb	21	7	33	85	3,900	270	1,500	530	460	950	940	260	170	Ln	NP
bis(2-Chloroethoxy)methane	111-91-1	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	21	10	48	55	21,000	270	1,500	4,900	4,800	6,800	6,700	1,000	520	N/G	NP

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Butyl benzyl phthalate	85-68-7	ppb	21	3	14	97	100	270	2,700	370	--	380	--	250	170	--	--
Caprolactam	105-60-2	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb	21	9	43	42	4,800	270	1,500	700	620	1,300	1,300	270	170	G/Ln	NP
Chrysene	218-01-9	ppb	21	19	91	1.5	9,500	5.1	6.8	2,900	2,900	3,300	3,300	310	1,500	G	NP
Dibenzo(a,h)anthracene	53-70-3	ppb	21	16	76	2.7	840	5.1	140	220	220	250	250	64	79	N/G	N
Dibenzofuran	132-64-9	ppb	21	9	43	40	5,500	270	1,600	670	590	1,400	1,300	260	170	G/Ln	NP
Diethyl phthalate	84-66-2	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	21	1	5	100	100	270	2,700	400	--	370	--	280	200	--	--
Di-n-Octylphthalate	117-84-0	ppb	13	0	0	--	--	270	4,000	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	ppb	21	21	100	2.7	18,000	--	--	4,600	4,600	5,500	5,500	600	3,400	G	G
Fluorene	86-73-7	ppb	21	21	100	1.1	15,000	--	--	1,900	1,900	3,800	3,800	130	280	G/Ln	G/Ln
Hexachlorobenzene	118-74-1	ppb	21	4	19	6.4	48	5.1	260	19	--	29	--	8.9	6.4	--	--
Hexachlorobutadiene	87-68-3	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	21	18	86	2.3	1,900	5.1	5.7	490	490	600	590	90	210	G	NP
Isophorone	78-59-1	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	21	13	62	93	9,900	5.1	18	1,200	1,200	2,400	2,300	100	260	G/Ln	NP
Nitrobenzene	98-95-3	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	21	10	48	53	12,000	270	1,500	1,400	1,300	2,900	2,900	370	170	G/Ln	NP
Pentachlorophenol	87-86-5	ppb	21	0	0	--	--	10	520	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb	21	21	100	1.3	45,000	--	--	6,300	6,300	12,000	12,000	410	1,900	G	G
Phenol	108-95-2	ppb	21	0	0	--	--	270	2,700	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb	21	18	86	14	20,000	5.1	7.9	4,400	4,400	5,600	5,500	530	2,100	G	N
Total HMW PAHs-SVOC	No CAS	ppb	21	21	100	2.7	69,000	--	--	20,000	20,000	23,000	23,000	2,200	12,000	G	G
Total LMW PAHs-SVOC	No CAS	ppb	21	21	100	2.4	140,000	--	--	18,000	18,000	35,000	35,000	1,000	4,300	G/Ln	G/Ln
TOTAL PAHs - SVOC	No CAS	ppb	21	21	100	5.1	210,000	--	--	39,000	39,000	55,000	55,000	3,500	18,000	G	G
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	21	16	76	62	31,000	26	39	7,900	7,900	9,700	9,500	1,100	3,400	N/G	N
Volatiles																	
1,2,3-Trichlorobenzene	87-61-6	ppb	21	0	0	--	--	8.9	1,300	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	21	0	0	--	--	8.9	1,300	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb	21	1	5	32	32	8.9	1,300	230	--	290	--	40	9.0	--	--
1,3-Dichlorobenzene	541-73-1	ppb	21	4	19	20	700	8.9	1,300	220	--	280	--	40	9.0	--	--
1,4-Dichlorobenzene	106-46-7	ppb	21	5	24	37	710	8.9	1,300	220	130	280	200	42	9.0	N/G/Ln	N/Ln
Chlorobenzene	108-90-7	ppb	21	6	29	18	11,000	8.9	18	580	590	2,400	2,300	19	8.0	G/Ln	Ln

Table D-6
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Kill Van Kull

Abbreviations:

-- not applicable due to frequency of detection
1/2 DL = half the detection limit (e.g., sample reporting limit)
CAS = Chemical Abstracts Service
FOD = frequency of detection (detects / total)
ft bss = feet below sediment surface
GM = geometric mean
GOF = goodness-of-fit
HMW = high-molecular weight
KM = Kaplan-Meier
LMW = low-molecular weight
Max = maximum
Min = minimum
ND = nondetect
PAH = polynuclear aromatic hydrocarbon
PBDE = polybrominated diphenyl ether
PCB = polychlorinated biphenyls
PCN = polychlorinated naphthalene
ppb = parts per billion
ppm = parts per million
ppt = parts per trillion
ROS = regression on ordered statistics
SD = standard deviation
SVOC = semivolatile organic compound
TPH = total petroleum hydrocarbon

Notes:

[1] Total concentrations are based on the sum of detected observations; therefore statistics for totals are based on detected observations.

[2] KM and GOF statistics generated using USEPA ProUCL (v. 4.1.01) software (USEPA, 2011). Remaining statistics generated in MS Access 2010.

[3] When FOD = 100%, the KM statistics are equal to the arithmetic mean and standard deviation of the full dataset.

[4] KM statistics and GOF results only reported for constituents with at least 8 total observations and 5 distinct detected observations (USEPA, 2010).

[5] The GM is a parameter that specifically defines a lognormal distribution and is equal to the anti-log of the mean of the log-transformed values. GM is generally not descriptive of the central tendency

[6] Distribution assessed by GOF tests at 95% confidence level (α = 0.05) using ProUCL 4.1.01 Left-censored data are evaluated with both detects only and ROS methods (USEPA, 2010).
Normal (N): dataset follows a normal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Gamma (G): dataset follows a gamma distribution, according to the Kolmogorov-Smirnov test.
Lognormal (Ln): dataset follows a lognormal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Nonparametric (NP): dataset does not follow any of the three distributions noted above.

[7] Level = data usability levels. For information about these levels and their applicability, please refer to Section 3 of the report.

[8] This table presents data for each of the 18 select chemicals (where available) identified for focused evaluation in Section 4.3.

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	58	57	98	65.9	995	6.95	6.95	407	409	187	183	347	398	G/Ln	Ln
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	58	57	98	33.8	2,270	3.10	3.10	665	665	453	448	505	544	G	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	58	57	98	1.63	75.6	0.116	0.116	20.2	20.2	14.5	14.3	15.2	16.3	G/Ln	Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	58	55	95	1.04	20.0	0.113	4.69	5.66	5.70	3.46	3.40	4.53	5.20	N/G/Ln	N/Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	58	57	98	9.08	614	0.977	0.977	175	175	132	131	130	130	NP	NP
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	58	57	98	2.80	55.3	0.180	0.180	23.2	23.3	10.6	10.4	19.5	23.0	G/Ln	N/Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	58	57	98	2.07	193	0.352	0.352	40.1	40.2	29.3	29.0	30.9	32.8	NP	NP
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	58	57	98	3.36	33.5	0.136	0.136	15.1	15.1	6.49	6.30	12.8	13.9	N/G/Ln	N/Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	58	28	48	0.389	11.2	0.0995	1.84	1.62	1.70	2.62	2.60	0.719	0.535	NP	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt	58	56	97	0.861	30.5	0.0943	3.07	5.59	5.60	4.24	4.20	4.45	5.16	Ln	Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt	58	58	100	0.451	97.3	--	--	13.0	13.0	12.9	12.9	10.1	9.77	NP	NP
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	58	56	97	1.37	107	0.369	49.0	19.7	19.6	14.8	14.7	15.7	16.7	NP	NP
2,3,4,7,8-PeCDF	57117-31-4	ppt	58	57	98	2.05	164	0.573	0.573	30.4	30.4	26.1	25.8	22.6	23.5	Ln	NP
2,3,7,8-TCDD	1746-01-6	ppt	58	57	98	20.1	2,370	0.833	0.833	270	270	366	363	173	187	NP	NP
2,3,7,8-TCDF	51207-31-9	ppt	58	56	97	1.78	126	0.677	49.0	22.0	21.9	18.0	17.8	17.4	17.1	NP	NP
OCDD	3268-87-9	ppt	58	58	100	102	12,600	--	--	4,510	4,510	2,150	2,150	3,910	4,460	G	G
OCDF	39001-02-0	ppt	58	57	98	60.7	4,110	4.57	4.57	1,160	1,160	775	767	886	895	NP	NP
Total HpCDD	37871-00-4	ppt	58	57	98	185	2,480	15.4	15.4	991	994	457	447	844	966	N/G/Ln	N/Ln
Total HpCDF	38998-75-3	ppt	58	57	98	50.5	3,060	3.10	3.10	905	906	585	578	694	790	Ln	Ln
Total HxCDD	34465-46-8	ppt	58	58	100	2.06	590	--	--	206	206	103	103	175	202	G	G
Total HxCDF	55684-94-1	ppt	58	57	98	32.1	2,160	2.25	2.25	565	566	361	357	438	484	G	NP
Total PeCDD	36088-22-9	ppt	58	57	98	3.05	339	0.0943	0.0943	63.6	63.7	60.9	60.4	43.0	51.6	Ln	NP
Total PeCDF	30402-15-4	ppt	58	58	100	3.63	2,140	--	--	522	522	388	388	407	428	NP	NP
Total TCDD	41903-57-5	ppt	58	57	98	31.5	2,880	0.0902	0.0902	381	381	433	429	251	288	NP	NP
Total TCDF	55722-27-5	ppt	58	57	98	58.5	3,980	7.53	7.53	673	674	636	629	501	518	NP	NP
Congener PCBs																	
PCB-1	2051-60-7	ppt	55	55	100	11.2	6,510	--	--	1,040	1,040	1,240	1,240	705	695	NP	NP
PCB-100	39485-83-1	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-103	60145-21-3	ppt	51	50	98	63.3	3,690	5.98	5.98	1,040	1,040	806	796	748	851	Ln	Ln
PCB-104	56558-16-8	ppt	51	45	88	17.5	1,340	4.55	106	268	268	285	282	156	202	G/Ln	Ln
PCB-105	32598-14-4	ppt	58	58	100	166	60,600	--	--	13,800	13,800	9,530	9,530	10,800	11,400	NP	NP
PCB-106/118	PCB-106/118	ppt	3	3	100	19,900	24,500	--	--	22,300	22,300	2,310	2,310	22,300	22,600	--	--
PCB-11	2050-67-1	ppt	51	51	100	80.1	60,900	--	--	7,000	7,000	9,420	9,420	4,770	4,540	NP	NP
PCB-110	38380-03-9	ppt	25	25	100	2,600	209,000	--	--	44,100	44,100	42,200	42,200	32,800	34,200	NP	NP
PCB-113	68194-10-5	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-114	74472-37-0	ppt	58	57	98	35.8	3,610	3.95	3.95	802	803	579	574	605	641	G/Ln	Ln
PCB-119	56558-17-9	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-12/13	PCB-12/13	ppt	36	36	100	40.2	11,000	--	--	2,390	2,390	2,130	2,130	1,810	1,740	NP	NP
PCB-120	68194-12-7	ppt	51	41	80	6.98	463	4.40	155	104	103	73.3	74.2	76.7	96.8	G	NP

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-121	56558-18-0	ppt	51	6	12	9.30	69.7	3.14	200	22.0	13.3	21.2	12.1	14.4	16.6	N/G/Ln	NP
PCB-122	76842-07-4	ppt	51	50	98	31.6	2,010	4.62	4.62	532	533	350	346	409	445	G	NP
PCB-123	65510-44-3	ppt	58	58	100	11.7	2,830	--	--	614	614	442	442	479	542	G	G
PCB-124	70424-70-3	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-126	57465-28-8	ppt	58	51	88	26.5	691	4.26	585	149	141	116	112	110	124	NP	NP
PCB-127	39635-33-1	ppt	51	17	33	13.7	187	3.23	200	32.9	30.0	37.6	34.5	18.2	19.0	G/Ln	NP
PCB-129	55215-18-4	ppt	15	15	100	2,070	51,400	--	--	28,200	28,200	12,900	12,900	23,300	31,000	N	N
PCB-130	52663-66-8	ppt	51	51	100	20.5	11,800	--	--	2,490	2,490	1,780	1,780	1,930	2,230	NP	NP
PCB-131	61798-70-7	ppt	51	50	98	23.4	2,770	7.14	7.14	517	518	441	437	378	430	NP	NP
PCB-134/143	PCB-134/143	ppt	26	25	96	17.0	8,720	400	400	2,350	2,340	1,680	1,660	1,670	2,120	G	NP
PCB-135	52744-13-5	ppt	15	15	100	776	15,900	--	--	9,960	9,960	4,490	4,490	8,270	10,600	N/G	N/G
PCB-136	38411-22-2	ppt	51	51	100	42.2	41,000	--	--	6,230	6,230	6,500	6,500	4,400	5,130	NP	NP
PCB-137	35694-06-5	ppt	51	51	100	11.1	4,810	--	--	1,670	1,670	979	979	1,310	1,430	NP	NP
PCB-14	34883-41-5	ppt	51	7	14	6.35	40.0	3.33	200	19.2	8.80	17.3	5.80	13.6	14.3	G/Ln	NP
PCB-140	59291-64-4	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-141	52712-04-6	ppt	51	51	100	62.7	68,900	--	--	9,380	9,380	11,000	11,000	6,410	7,300	NP	NP
PCB-144	68194-14-9	ppt	51	50	98	93.6	18,000	6.69	6.69	2,240	2,240	2,820	2,790	1,450	1,620	NP	NP
PCB-145	74472-40-5	ppt	51	18	35	1.44	73.1	2.33	400	25.5	12.0	31.3	13.0	15.1	19.9	G/Ln	NP
PCB-147	68194-13-8	ppt	15	15	100	1,930	38,000	--	--	24,300	24,300	10,800	10,800	20,300	24,500	N/G	N/G
PCB-148	74472-41-6	ppt	51	37	73	10.0	621	7.08	239	121	121	104	104	87.9	108	G/Ln	Ln
PCB-15	2050-68-2	ppt	55	55	100	212	49,100	--	--	11,700	11,700	7,990	7,990	9,410	9,730	NP	NP
PCB-150	68194-08-1	ppt	51	46	90	13.7	880	4.93	119	193	194	155	153	141	157	Ln	Ln
PCB-151	52663-63-5	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-152	68194-09-2	ppt	51	41	80	7.73	1,010	5.03	121	128	128	160	159	79.4	98.7	Ln	NP
PCB-153	35065-27-1	ppt	19	19	100	1,930	42,000	--	--	28,500	28,500	11,500	11,500	24,300	30,900	N	N
PCB-154	60145-22-4	ppt	50	50	100	0.00	3,940	--	--	859	859	868	868	956	783	NP	NP
PCB-155	33979-03-2	ppt	51	49	96	29.8	2,560	4.79	115	474	475	438	433	321	344	Ln	Ln
PCB-156	38380-08-4	ppt	22	22	100	230	6,140	--	--	3,230	3,230	1,360	1,360	2,790	3,380	N/G	N/G
PCB-157	69782-90-7	ppt	22	22	100	0.00	836	--	--	216	216	332	332	668	0.00	NP	NP
PCB-159	39635-35-3	ppt	51	40	78	22.1	2,700	4.57	43.6	350	352	421	416	164	297	G/Ln	NP
PCB-166	41411-63-6	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-167	52663-72-6	ppt	58	58	100	13.0	7,710	--	--	1,550	1,550	1,100	1,100	1,230	1,360	NP	NP
PCB-168	59291-65-5	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-169	32774-16-6	ppt	58	24	41	20.2	548	3.54	585	103	88.9	127	119	48.4	32.6	G/Ln	NP
PCB-17	37680-66-3	ppt	51	51	100	116	81,900	--	--	11,800	11,800	13,900	13,900	7,870	7,580	NP	NP
PCB-170	35065-30-6	ppt	57	57	100	82.3	95,600	--	--	12,800	12,800	14,800	14,800	8,950	9,950	NP	NP
PCB-171	52663-71-5	ppt	15	15	100	158	4,150	--	--	2,330	2,330	1,120	1,120	1,880	2,550	N	N
PCB-172	52663-74-8	ppt	51	51	100	15.3	16,700	--	--	2,300	2,300	2,670	2,670	1,580	1,760	NP	NP
PCB-173	68194-16-1	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-174	38411-25-5	ppt	51	51	100	85.7	130,000	--	--	14,900	14,900	19,800	19,800	9,760	10,600	NP	NP
PCB-175	40186-70-7	ppt	51	50	98	29.3	4,960	5.08	5.08	599	600	759	751	400	455	NP	NP

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-176	52663-65-7	ppt	51	51	100	10.8	13,300	--	--	1,870	1,870	2,170	2,170	1,270	1,390	NP	NP
PCB-177	52663-70-4	ppt	51	51	100	53.0	65,000	--	--	8,280	8,280	9,980	9,980	5,650	6,270	NP	NP
PCB-178	52663-67-9	ppt	51	51	100	18.6	21,900	--	--	3,100	3,100	3,430	3,430	2,180	2,440	NP	NP
PCB-179	52663-64-6	ppt	51	51	100	43.8	53,000	--	--	6,920	6,920	8,260	8,260	4,720	5,310	NP	NP
PCB-18	37680-65-2	ppt	20	20	100	1,210	52,500	--	--	14,600	14,600	12,100	12,100	11,100	11,300	G/Ln	G/Ln
PCB-180	35065-29-3	ppt	21	21	100	1,220	33,000	--	--	19,600	19,600	8,930	8,930	16,400	19,600	N	N
PCB-181	74472-47-2	ppt	51	39	77	6.42	469	5.08	148	91.2	91.7	85.8	85.1	64.8	75.0	G/Ln	Ln
PCB-183	52663-69-1	ppt	31	31	100	439	56,100	--	--	8,910	8,910	9,340	9,340	6,750	7,330	NP	NP
PCB-184	74472-48-3	ppt	55	33	60	4.59	160	4.19	585	59.5	43.6	63.0	29.6	40.3	41.1	G	Ln
PCB-185	52712-05-7	ppt	27	27	100	0.00	16,100	--	--	1,180	1,180	3,100	3,100	1,580	0.00	NP	NP
PCB-186	74472-49-4	ppt	51	4	8	2.62	6.38	0.945	400	15.9	--	29.7	--	6.08	5.17	--	--
PCB-188	74487-85-7	ppt	51	36	71	3.74	630	3.68	98.7	57.0	57.5	88.5	87.6	37.2	39.3	NP	Ln
PCB-189	39635-31-9	ppt	58	53	91	15.8	3,120	3.66	585	430	432	476	472	302	309	NP	NP
PCB-19	38444-73-4	ppt	51	51	100	20.7	14,200	--	--	2,520	2,520	2,960	2,960	1,600	1,530	NP	NP
PCB-190	41411-64-7	ppt	51	51	100	17.9	19,500	--	--	2,590	2,590	3,120	3,120	1,750	1,890	NP	NP
PCB-191	74472-50-7	ppt	51	50	98	26.1	3,830	3.87	3.87	533	534	625	618	364	399	NP	NP
PCB-192	74472-51-8	ppt	51	6	12	1.24	13.4	1.54	400	18.0	2.50	29.6	2.80	8.35	9.25	N/G/Ln	NP
PCB-193	69782-91-8	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-194	35694-08-7	ppt	55	55	100	56.3	59,800	--	--	8,030	8,030	8,640	8,640	5,720	6,370	NP	NP
PCB-195	52663-78-2	ppt	55	55	100	17.9	25,300	--	--	3,100	3,100	3,680	3,680	2,140	2,360	NP	NP
PCB-197	33091-17-7	ppt	51	50	98	53.7	2,040	3.50	3.50	469	470	436	431	308	288	Ln	Ln
PCB-198	68194-17-2	ppt	15	15	100	381	12,600	--	--	5,990	5,990	3,100	3,100	4,790	6,760	N	N
PCB-199	52663-75-9	ppt	16	16	100	0.00	1,700	--	--	106	106	425	425	1,700	0.00	NP	NP
PCB-2	2051-61-8	ppt	51	51	100	6.18	1,750	--	--	352	352	316	316	262	290	NP	NP
PCB-200	52663-73-7	ppt	50	49	98	0.00	8,040	3.43	3.43	854	854	1,340	1,330	762	562	NP	NP
PCB-201	40186-71-8	ppt	51	50	98	40.0	8,300	3.31	3.31	1,170	1,170	1,240	1,230	799	882	NP	NP
PCB-202	2136-99-4	ppt	55	55	100	21.2	13,500	--	--	2,350	2,350	2,060	2,060	1,780	1,890	NP	NP
PCB-204	74472-52-9	ppt	51	17	33	1.48	17.1	2.39	400	18.7	6.50	29.2	4.30	10.5	9.84	N/G	NP
PCB-205	74472-53-0	ppt	51	50	98	17.4	2,860	2.72	2.72	394	394	436	431	271	300	NP	NP
PCB-206	40186-72-9	ppt	55	55	100	49.3	37,900	--	--	5,690	5,690	5,450	5,450	4,270	4,520	NP	NP
PCB-207	52663-79-3	ppt	55	52	95	4.37	2,870	488	585	567	572	495	489	428	462	NP	NP
PCB-208	52663-77-1	ppt	51	51	100	13.5	15,200	--	--	1,930	1,930	2,090	2,090	1,430	1,550	NP	NP
PCB-209	2051-24-3	ppt	55	55	100	74.1	12,700	--	--	4,090	4,090	2,080	2,080	3,430	3,800	NP	NP
PCB-22	38444-85-8	ppt	51	51	100	114	68,100	--	--	11,600	11,600	12,200	12,200	8,330	9,010	NP	NP
PCB-23	55720-44-0	ppt	51	23	45	6.11	152	4.03	200	25.0	22.4	29.7	27.8	16.8	15.9	Ln	NP
PCB-25	55712-37-3	ppt	51	51	100	44.8	19,800	--	--	4,490	4,490	3,500	3,500	3,410	3,300	NP	NP
PCB-26	38444-81-4	ppt	15	15	100	493	6,920	--	--	4,720	4,720	1,750	1,750	4,120	5,370	NP	NP
PCB-28	7012-37-5	ppt	19	19	100	0.00	131,000	--	--	19,200	19,200	39,800	39,800	87,900	0.00	NP	NP
PCB-29	15862-07-4	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-3	2051-62-9	ppt	55	55	100	24.8	7,300	--	--	963	963	1,050	1,050	693	699	NP	NP
PCB-30	35693-92-6	ppt	16	15	94	0.00	0.00	200	200	6.25	--	25.0	--	100	0.00	NP	NP

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-31	16606-02-3	ppt	51	51	100	390	201,000	--	--	34,600	34,600	34,400	34,400	25,300	25,000	NP	NP
PCB-34	37680-68-5	ppt	51	50	98	15.0	1,570	3.97	3.97	218	218	240	238	154	158	NP	Ln
PCB-35	37680-69-6	ppt	51	51	100	14.2	8,910	--	--	1,240	1,240	1,450	1,450	862	902	NP	NP
PCB-36	38444-87-0	ppt	51	22	43	7.54	70.1	3.94	200	23.5	21.4	19.8	16.4	16.6	17.6	N/G/Ln	NP
PCB-37	38444-90-5	ppt	51	51	100	154	57,300	--	--	11,700	11,700	9,460	9,460	9,070	9,280	NP	NP
PCB-38	53555-66-1	ppt	51	16	31	8.28	202	4.16	200	26.3	23.1	35.5	33.8	15.5	13.8	G/Ln	NP
PCB-39	38444-88-1	ppt	51	47	92	13.3	1,380	3.70	200	219	220	222	220	144	175	NP	Ln
PCB-40	38444-93-8	ppt	15	15	100	1,370	21,700	--	--	13,000	13,000	5,210	5,210	11,300	13,900	N	N
PCB-44	41464-39-5	ppt	19	19	100	3,050	63,700	--	--	31,000	31,000	14,200	14,200	26,700	31,900	N/G	N/G
PCB-45	70362-45-7	ppt	26	26	100	738	35,000	--	--	8,620	8,620	7,480	7,480	6,550	7,200	G/Ln	G/Ln
PCB-46	41464-47-5	ppt	51	51	100	18.2	14,200	--	--	2,550	2,550	2,500	2,500	1,780	1,800	NP	NP
PCB-47	2437-79-8	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-50	62796-65-0	ppt	15	15	100	441	6,590	--	--	4,200	4,200	1,960	1,960	3,520	4,730	N/G	N/G
PCB-51	68194-04-7	ppt	26	26	100	0.00	34,000	--	--	5,750	5,750	8,660	8,660	11,600	0.00	NP	NP
PCB-53	41464-41-9	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-54	15968-05-5	ppt	51	50	98	46.6	6,400	5.99	5.99	915	916	1,140	1,130	506	561	Ln	Ln
PCB-55	74338-24-2	ppt	51	47	92	33.8	2,530	3.84	32.2	636	638	509	502	390	543	G/Ln	Ln
PCB-57	70424-67-8	ppt	51	49	96	25.6	904	3.66	15.4	197	198	159	157	146	157	NP	Ln
PCB-58	41464-49-7	ppt	51	47	92	21.1	1,600	3.64	40.0	153	154	228	226	95.6	108	NP	Ln
PCB-6	25569-80-6	ppt	51	51	100	24.4	18,400	--	--	2,760	2,760	3,280	3,280	1,820	1,740	NP	NP
PCB-62	54230-22-7	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-63	74472-34-7	ppt	51	51	100	14.8	7,950	--	--	1,450	1,450	1,280	1,280	1,090	1,160	NP	NP
PCB-65	33284-54-7	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-67	73575-53-8	ppt	51	51	100	10.2	7,110	--	--	1,250	1,250	1,150	1,150	908	955	NP	NP
PCB-68	73575-52-7	ppt	51	49	96	63.7	1,040	3.31	16.4	335	337	219	214	250	257	Ln	Ln
PCB-73	74338-23-1	ppt	27	12	44	120	1,020	0.931	32.0	171	237	250	204	15.7	5.95	G/Ln	NP
PCB-74	32690-93-0	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-77	32598-13-3	ppt	58	57	98	55.8	29,000	11.1	11.1	4,670	4,670	4,480	4,440	3,140	3,570	NP	NP
PCB-78	70362-49-1	ppt	51	2	4	27.9	28.4	2.93	134	17.2	--	13.2	--	12.2	16.5	--	--
PCB-79	41464-48-6	ppt	51	49	96	46.1	1,700	3.32	14.2	327	328	270	265	233	266	G/Ln	Ln
PCB-80	33284-52-5	ppt	51	9	18	12.7	119	3.24	115	27.9	25.2	30.8	30.3	17.4	15.6	N/G	NP
PCB-81	70362-50-4	ppt	58	51	88	34.2	950	3.44	123	177	179	232	229	98.1	88.7	NP	NP
PCB-82	52663-62-4	ppt	51	51	100	48.6	24,800	--	--	5,130	5,130	4,140	4,140	3,870	3,940	NP	NP
PCB-83	60145-20-2	ppt	25	25	100	1,100	28,500	--	--	11,600	11,600	8,850	8,850	7,530	11,500	G	G
PCB-85/116	PCB-85/116	ppt	10	10	100	2,890	28,200	--	--	9,680	9,680	8,190	8,190	7,600	6,330	Ln	Ln
PCB-86	55312-69-1	ppt	15	15	100	1,580	29,400	--	--	16,400	16,400	7,300	7,300	13,900	16,000	N/G	N/G
PCB-88/91	PCB-88/91	ppt	25	25	100	69.2	14,800	--	--	6,800	6,800	3,460	3,460	5,370	5,620	N	N
PCB-89	73575-57-2	ppt	51	50	98	43.3	3,610	6.82	6.82	625	626	587	581	454	476	Ln	Ln
PCB-90/101	PCB-90/101	ppt	4	4	100	41,000	56,100	--	--	49,800	49,800	6,790	6,790	49,400	51,000	--	--
PCB-93	73575-56-1	ppt	15	15	100	2,070	35,900	--	--	21,300	21,300	9,450	9,450	18,100	21,200	N/G	N/G
PCB-94	73575-55-0	ppt	51	50	98	50.6	2,890	6.82	6.82	755	756	631	624	530	590	Ln	Ln

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-96	73575-54-9	ppt	51	50	98	26.8	2,320	5.10	5.10	586	587	485	479	407	421	G/Ln	Ln
PCB-97	41464-51-1	ppt	15	15	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-99	38380-01-7	ppt	25	25	100	0.00	95,800	--	--	13,600	13,600	23,200	23,200	27,800	0.00	NP	NP
Total Congener PCBs (209)	No CAS	ppt	50	50	100	11,900	6,960,000	--	--	1,240,000	1,240,000	1,080,000	1,080,000	923,000	1,030,000	NP	NP
Total Congener PCBs (NOAA 1989)	No CAS	ppt	29	29	100	32,800	5,330,000	--	--	925,000	925,000	1,020,000	1,020,000	623,000	574,000	G/Ln	G/Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	89	82	92	19.0	1,830	2.81	13.2	489	491	413	409	256	474	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	89	82	92	4.19	3,120	0.129	3.12	645	646	578	575	261	562	NP	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	89	75	84	0.940	97.7	0.0469	3.60	18.0	18.0	18.4	18.3	8.10	15.5	NP	NP
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	89	78	88	0.259	25.2	0.0693	1.46	5.24	5.30	4.77	4.70	2.91	4.60	G	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	89	83	93	1.38	798	0.0893	1.64	162	162	145	144	71.4	146	NP	NP
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	89	83	93	0.349	147	0.109	1.65	31.5	31.5	31.2	31.1	15.0	27.5	NP	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	89	82	92	0.648	158	0.0260	0.777	37.8	37.9	32.5	32.3	18.1	34.5	NP	NP
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	89	81	91	0.900	74.5	0.0826	5.47	17.9	18.0	14.9	14.8	9.36	18.2	NP	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	89	35	39	0.242	7.66	0.0324	2.81	0.790	0.800	1.14	1.10	0.443	0.466	Ln	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt	89	78	88	0.217	37.0	0.0357	2.21	6.44	6.40	7.27	7.20	3.27	5.27	NP	NP
1,2,3,7,8-PeCDF	57117-41-6	ppt	89	82	92	0.341	76.6	0.0215	2.59	13.0	13.1	13.3	13.2	6.89	10.3	NP	NP
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	89	80	90	0.454	109	0.0266	3.94	22.4	22.4	20.7	20.5	11.0	19.4	NP	NP
2,3,4,7,8-PeCDF	57117-31-4	ppt	89	81	91	0.450	235	0.0203	0.974	35.2	35.2	45.7	45.4	14.5	22.2	NP	NP
2,3,7,8-TCDD	1746-01-6	ppt	89	82	92	0.348	8,170	0.0414	0.758	494	494	1,280	1,270	98.1	189	NP	NP
2,3,7,8-TCDF	51207-31-9	ppt	89	77	87	1.30	155	0.149	5.07	25.7	25.8	32.2	31.9	12.2	18.7	NP	NP
OCDD	3268-87-9	ppt	89	88	99	81.2	20,300	128	128	5,450	5,450	4,480	4,460	3,380	5,260	NP	NP
OCDF	39001-02-0	ppt	89	81	91	7.44	5,180	0.364	26.8	1,170	1,170	1,020	1,020	469	996	NP	NP
Total HpCDD	37871-00-4	ppt	89	83	93	33.0	4,050	11.5	32.7	1,160	1,160	941	934	634	1,090	NP	NP
Total HpCDF	38998-75-3	ppt	89	82	92	4.19	4,370	0.129	4.73	875	875	821	816	334	768	NP	NP
Total HxCDD	34465-46-8	ppt	89	89	100	1.88	1,210	--	--	262	262	245	245	150	224	NP	NP
Total HxCDF	55684-94-1	ppt	89	83	93	4.64	2,750	0.0893	1.73	544	545	513	510	219	491	NP	NP
Total PeCDD	36088-22-9	ppt	89	82	92	1.11	375	0.0357	0.590	70.9	71.0	84.9	84.4	27.0	43.2	Ln	NP
Total PeCDF	30402-15-4	ppt	89	84	94	3.00	4,540	0.0203	0.444	633	633	860	855	217	438	NP	NP
Total TCDD	41903-57-5	ppt	89	83	93	0.756	9,420	0.0414	0.758	627	627	1,470	1,460	142	273	NP	NP
Total TCDF	55722-27-5	ppt	89	84	94	1.35	7,850	0.149	6.80	872	872	1,460	1,450	289	518	NP	NP
Congener PCBs																	
PCB-1	2051-60-7	ppt	89	84	94	7.43	42,000	0.0807	39.7	3,110	3,110	7,220	7,180	532	720	NP	NP
PCB-100	39485-83-1	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-103	60145-21-3	ppt	89	79	89	15.5	13,600	0.323	24.9	1,150	1,160	1,560	1,550	414	891	NP	NP
PCB-104	56558-16-8	ppt	89	57	64	0.796	1,630	0.246	336	181	175	248	250	58.6	116	G	NP
PCB-105	32598-14-4	ppt	89	84	94	4.48	149,000	0.155	16.1	23,000	23,000	31,300	31,100	6,360	13,600	NP	NP
PCB-11	2050-67-1	ppt	89	84	94	25.3	176,000	2.27	6.86	18,000	18,000	33,400	33,300	4,080	6,060	NP	NP
PCB-110	38380-03-9	ppt	24	24	100	40.0	469,000	--	--	96,900	96,900	136,000	136,000	25,800	42,400	G	G
PCB-113	68194-10-5	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-114	74472-37-0	ppt	89	79	89	29.2	9,960	0.149	16.1	1,410	1,410	2,070	2,060	404	710	NP	NP
PCB-119	56558-17-9	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-12/13	PCB-12/13	ppt	85	81	95	0.580	36,600	0.341	23.9	4,710	4,710	7,160	7,120	1,270	2,000	NP	NP
PCB-120	68194-12-7	ppt	89	56	63	2.65	1,470	0.237	243	157	152	213	215	57.1	113	NP	NP
PCB-121	56558-18-0	ppt	89	8	9	19.6	89.7	0.239	436	32.5	22.4	38.8	9.90	15.2	21.8	G/Ln	NP
PCB-122	76842-07-4	ppt	89	79	89	15.8	6,930	0.178	19.3	912	913	1,210	1,210	296	523	NP	NP
PCB-123	65510-44-3	ppt	89	79	89	24.7	10,100	0.166	17.8	1,130	1,140	1,720	1,710	338	615	NP	NP
PCB-124	70424-70-3	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-126	57465-28-8	ppt	89	77	87	4.30	2,380	0.158	87.2	255	255	327	326	94.5	140	NP	NP
PCB-127	39635-33-1	ppt	89	18	20	1.30	436	0.161	476	44.0	24.6	73.7	70.5	16.8	20.2	G	NP
PCB-129	55215-18-4	ppt	4	4	100	31,700	49,900	--	--	39,100	39,100	7,930	7,930	38,600	37,500	--	--
PCB-130	52663-66-8	ppt	89	80	90	48.7	18,800	0.367	39.3	3,510	3,520	4,030	4,000	1,170	2,400	NP	NP
PCB-131	61798-70-7	ppt	89	79	89	13.9	4,770	0.376	40.2	750	751	1,030	1,020	265	446	NP	NP
PCB-134/143	PCB-134/143	ppt	65	59	91	0.564	21,500	0.367	39.3	3,120	3,120	3,670	3,650	1,080	2,200	NP	NP
PCB-135	52744-13-5	ppt	4	4	100	10,600	17,600	--	--	13,600	13,600	2,930	2,930	13,400	13,100	--	--
PCB-136	38411-22-2	ppt	89	82	92	1.49	66,200	0.320	33.9	7,690	7,690	9,740	9,680	2,370	4,930	NP	NP
PCB-137	35694-06-5	ppt	89	78	88	23.3	13,400	0.316	33.9	2,350	2,360	2,890	2,870	710	1,590	NP	NP
PCB-14	34883-41-5	ppt	89	19	21	1.11	470	0.294	313	41.3	21.4	64.7	61.9	19.0	18.9	Ln	NP
PCB-140	59291-64-4	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-141	52712-04-6	ppt	89	83	93	1.48	83,500	0.328	35.1	11,300	11,300	13,900	13,800	3,450	7,590	NP	NP
PCB-144	68194-14-9	ppt	89	80	90	58.7	20,600	0.405	42.8	2,630	2,640	3,400	3,380	882	1,700	NP	NP
PCB-145	74472-40-5	ppt	89	8	9	12.3	134	0.306	480	35.4	16.9	44.2	20.7	14.6	24.5	NP	NP
PCB-147	68194-13-8	ppt	4	4	100	25,100	39,500	--	--	31,100	31,100	6,080	6,080	30,700	29,900	--	--
PCB-148	74472-41-6	ppt	89	39	44	15.5	2,410	0.428	427	133	121	264	265	51.3	82.1	NP	NP
PCB-15	2050-68-2	ppt	89	87	98	3.77	135,000	0.480	1.01	19,600	19,600	27,700	27,500	5,930	11,100	NP	NP
PCB-150	68194-08-1	ppt	89	67	75	3.87	6,640	0.299	298	269	266	711	708	88.2	156	NP	NP
PCB-151	52663-63-5	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-152	68194-09-2	ppt	89	43	48	8.10	259	0.305	477	77.1	66.9	67.9	68.0	35.8	62.2	G	NP
PCB-153	35065-27-1	ppt	4	4	100	28,900	45,200	--	--	35,500	35,500	6,990	6,990	35,000	33,900	--	--
PCB-154	60145-22-4	ppt	89	77	87	0.00	36,600	0.355	76.2	1,550	1,550	3,920	3,900	433	919	NP	NP
PCB-155	33979-03-2	ppt	89	77	87	13.2	36,800	0.290	276	2,050	2,050	5,540	5,510	241	352	NP	NP
PCB-156	38380-08-4	ppt	4	4	100	3,390	4,800	--	--	3,990	3,990	605	605	3,950	3,880	--	--
PCB-157	69782-90-7	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-159	39635-35-3	ppt	89	62	70	13.6	3,870	0.240	90.1	363	362	503	501	110	309	NP	NP
PCB-166	41411-63-6	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-167	52663-72-6	ppt	89	80	90	36.0	12,500	0.182	20.0	2,140	2,140	2,550	2,530	698	1,380	NP	NP
PCB-168	59291-65-5	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-169	32774-16-6	ppt	89	48	54	1.16	897	0.201	397	133	121	155	161	54.4	118	NP	NP
PCB-17	37680-66-3	ppt	89	84	94	2.64	271,000	0.375	37.6	29,700	29,700	55,300	55,000	5,300	8,040	NP	NP
PCB-170	35065-30-6	ppt	89	84	94	3.44	117,000	0.266	41.5	14,600	14,600	16,500	16,400	4,830	10,800	NP	NP
PCB-171	52663-71-5	ppt	4	4	100	2,370	4,750	--	--	3,430	3,430	1,070	1,070	3,310	3,300	--	--

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-172	52663-74-8	ppt	89	80	90	55.4	22,400	0.275	42.9	2,520	2,530	3,010	2,990	898	1,890	NP	NP
PCB-173	68194-16-1	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-174	38411-25-5	ppt	89	84	94	2.89	145,000	0.257	40.1	16,100	16,100	19,700	19,600	5,100	11,300	NP	NP
PCB-175	40186-70-7	ppt	89	79	89	18.5	5,150	0.247	38.5	612	613	729	724	247	446	NP	NP
PCB-176	52663-65-7	ppt	89	80	90	44.4	20,900	0.188	29.3	2,030	2,030	2,600	2,580	702	1,450	NP	NP
PCB-177	52663-70-4	ppt	89	83	93	1.82	79,100	0.264	41.1	9,040	9,040	10,800	10,700	2,970	6,450	NP	NP
PCB-178	52663-67-9	ppt	89	80	90	80.6	35,900	0.267	41.6	3,430	3,440	4,340	4,310	1,180	2,550	NP	NP
PCB-179	52663-64-6	ppt	89	83	93	1.40	87,700	0.198	30.9	7,770	7,770	10,600	10,500	2,480	5,460	NP	NP
PCB-18	37680-65-2	ppt	4	4	100	9,650	16,500	--	--	12,300	12,300	3,010	3,010	12,000	11,500	--	--
PCB-180	35065-29-3	ppt	4	4	100	16,800	33,200	--	--	24,600	24,600	7,310	7,310	23,800	24,300	--	--
PCB-181	74472-47-2	ppt	89	36	40	3.16	550	0.247	445	83.7	69.7	110	112	36.3	41.8	NP	NP
PCB-183	52663-69-1	ppt	24	24	100	6.88	34,500	--	--	11,300	11,300	10,700	10,700	4,070	8,070	NP	NP
PCB-184	74472-48-3	ppt	89	34	38	34.8	1,540	0.204	241	114	122	272	267	27.5	29.3	NP	NP
PCB-185	52712-05-7	ppt	24	21	88	0.00	9,110	3.38	38.2	1,370	1,370	2,060	2,020	420	898	NP	NP
PCB-186	74472-49-4	ppt	89	0	0	--	--	0.198	357	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt	89	31	35	1.28	1,780	0.186	208	63.3	52.3	189	190	22.8	26.9	NP	NP
PCB-189	39635-31-9	ppt	89	79	89	13.9	2,610	0.132	26.5	489	490	489	485	199	358	NP	NP
PCB-19	38444-73-4	ppt	89	81	91	6.28	49,500	0.460	46.1	5,440	5,440	9,860	9,810	1,100	1,530	NP	NP
PCB-190	41411-64-7	ppt	89	80	90	64.2	21,400	0.191	29.8	2,680	2,690	3,030	3,010	922	1,980	NP	NP
PCB-191	74472-50-7	ppt	89	79	89	17.3	5,050	0.188	29.3	568	569	682	677	224	400	NP	NP
PCB-192	74472-51-8	ppt	89	0	0	--	--	0.210	379	--	--	--	--	--	--	--	--
PCB-193	69782-91-8	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-194	35694-08-7	ppt	89	83	93	1.57	63,200	0.213	45.4	8,490	8,490	9,000	8,950	2,940	6,520	NP	NP
PCB-195	52663-78-2	ppt	89	80	90	83.6	25,400	0.231	49.3	3,270	3,280	3,620	3,590	1,130	2,480	NP	NP
PCB-197	33091-17-7	ppt	89	78	88	7.39	3,570	0.222	49.5	354	355	502	499	136	228	NP	NP
PCB-198	68194-17-2	ppt	4	4	100	6,280	10,300	--	--	8,110	8,110	1,740	1,740	7,970	7,920	--	--
PCB-199	52663-75-9	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-2	2051-61-8	ppt	89	87	98	1.37	39,700	0.0874	9.70	1,390	1,390	4,730	4,700	308	386	NP	NP
PCB-200	52663-73-7	ppt	89	79	89	0.00	8,270	0.218	41.0	936	936	1,150	1,150	352	716	NP	NP
PCB-201	40186-71-8	ppt	89	80	90	39.9	9,330	0.210	39.6	1,200	1,200	1,290	1,280	468	910	NP	NP
PCB-202	2136-99-4	ppt	89	81	91	0.715	16,600	0.237	44.6	2,430	2,430	2,330	2,320	958	1,960	NP	NP
PCB-204	74472-52-9	ppt	89	3	3	8.85	10.0	0.230	464	26.5	--	34.0	--	12.6	19.9	--	--
PCB-205	74472-53-0	ppt	89	76	85	11.7	3,260	0.179	288	395	396	445	442	163	302	NP	NP
PCB-206	40186-72-9	ppt	89	83	93	2.58	20,800	0.377	55.3	5,570	5,570	4,220	4,200	2,290	4,930	NP	NP
PCB-207	52663-79-3	ppt	89	80	90	20.0	2,620	0.271	38.6	579	581	494	490	263	476	NP	NP
PCB-208	52663-77-1	ppt	89	80	90	69.4	6,770	0.284	39.7	1,860	1,870	1,340	1,330	794	1,720	NP	NP
PCB-209	2051-24-3	ppt	89	86	97	2.80	26,500	0.505	59.9	5,040	5,040	4,520	4,500	2,240	4,310	NP	NP
PCB-22	38444-85-8	ppt	89	84	94	3.60	204,000	0.479	20.6	26,100	26,100	44,900	44,700	5,320	8,930	NP	NP
PCB-23	55720-44-0	ppt	89	26	29	1.43	592	0.152	229	57.5	47.5	117	118	16.4	15.4	NP	NP
PCB-25	55712-37-3	ppt	89	84	94	1.05	56,700	0.136	18.8	9,080	9,080	13,400	13,300	2,110	3,760	NP	NP
PCB-26	38444-81-4	ppt	4	4	100	5,200	9,250	--	--	6,980	6,980	1,720	1,720	6,820	6,730	--	--

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-28	7012-37-5	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-29	15862-07-4	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-3	2051-62-9	ppt	89	86	97	0.706	33,700	0.0947	11.2	2,610	2,610	6,090	6,060	532	684	NP	NP
PCB-30	35693-92-6	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-31	16606-02-3	ppt	89	86	97	8.96	544,000	0.931	19.8	77,600	77,600	128,000	127,000	17,000	28,300	NP	NP
PCB-34	37680-68-5	ppt	89	79	89	7.00	3,290	0.150	20.7	451	451	676	672	135	187	NP	NP
PCB-35	37680-69-6	ppt	89	81	91	6.54	20,400	0.154	21.3	2,570	2,570	4,060	4,040	685	1,190	NP	NP
PCB-36	38444-87-0	ppt	89	23	26	1.07	252	0.149	224	30.2	17.8	37.6	34.8	14.6	17.5	NP	NP
PCB-37	38444-90-5	ppt	89	85	96	3.15	163,000	0.381	21.1	21,200	21,200	32,500	32,300	5,570	10,700	NP	NP
PCB-38	53555-66-1	ppt	89	20	23	0.524	342	0.157	236	39.0	25.1	65.4	65.5	14.9	15.4	G/Ln	NP
PCB-39	38444-88-1	ppt	89	76	85	4.41	3,200	0.140	27.8	465	465	696	692	130	189	NP	NP
PCB-40	38444-93-8	ppt	4	4	100	15,800	28,400	--	--	20,200	20,200	5,960	5,960	19,600	18,400	--	--
PCB-44	41464-39-5	ppt	4	4	100	31,400	58,300	--	--	40,500	40,500	12,600	12,600	39,200	36,200	--	--
PCB-45	70362-45-7	ppt	24	24	100	7.28	94,900	--	--	17,700	17,700	27,000	27,000	3,700	5,080	G	G
PCB-46	41464-47-5	ppt	89	80	90	54.5	38,400	0.273	25.3	5,130	5,140	8,080	8,030	1,190	1,890	NP	NP
PCB-47	2437-79-8	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-50	62796-65-0	ppt	4	4	100	4,340	8,750	--	--	5,850	5,850	2,000	2,000	5,630	5,160	--	--
PCB-51	68194-04-7	ppt	24	23	96	0.00	25,200	3.56	3.56	7,720	7,720	8,200	8,030	2,230	6,170	NP	NP
PCB-53	41464-41-9	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-54	15968-05-5	ppt	89	74	83	5.56	3,590	0.274	415	629	627	665	663	221	479	NP	NP
PCB-55	74338-24-2	ppt	89	74	83	3.94	21,500	0.173	146	1,440	1,440	2,810	2,790	286	624	NP	NP
PCB-57	70424-67-8	ppt	89	77	87	6.19	2,160	0.164	209	319	319	432	429	110	176	NP	NP
PCB-58	41464-49-7	ppt	89	73	82	2.98	1,560	0.164	208	216	216	283	282	79.9	127	NP	NP
PCB-6	25569-80-6	ppt	89	81	91	1.44	82,700	0.338	23.7	8,070	8,070	16,400	16,300	1,350	1,940	NP	NP
PCB-62	54230-22-7	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-63	74472-34-7	ppt	89	80	90	28.5	22,000	0.152	14.1	2,630	2,630	4,030	4,000	702	1,240	NP	NP
PCB-65	33284-54-7	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-67	73575-53-8	ppt	89	80	90	28.2	19,600	0.148	13.7	2,430	2,430	3,690	3,670	635	1,120	NP	NP
PCB-68	73575-52-7	ppt	89	79	89	6.35	2,060	0.149	13.8	431	431	396	393	175	326	NP	NP
PCB-73	74338-23-1	ppt	24	13	54	33.4	586	0.843	41.6	159	172	177	162	30.9	105	N/G	NP
PCB-74	32690-93-0	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-77	32598-13-3	ppt	89	84	94	1.17	67,300	0.153	14.3	8,480	8,480	13,100	13,000	2,350	4,730	NP	NP
PCB-78	70362-49-1	ppt	89	6	7	11.6	168	0.170	347	32.9	16.2	38.8	22.4	15.8	19.9	G/Ln	NP
PCB-79	41464-48-6	ppt	89	77	87	9.79	8,600	0.149	125	567	567	1,080	1,070	171	293	NP	NP
PCB-80	33284-52-5	ppt	89	5	6	5.75	81.0	0.145	298	26.5	8.20	29.9	9.60	13.2	16.9	N/G/Ln	NP
PCB-81	70362-50-4	ppt	89	68	76	3.45	2,170	0.155	222	209	207	418	416	61.0	93.5	NP	NP
PCB-82	52663-62-4	ppt	89	80	90	97.6	67,400	0.399	30.8	8,490	8,500	13,000	12,900	2,250	4,610	NP	NP
PCB-83	60145-20-2	ppt	24	22	92	42.2	25,400	3.55	4.90	7,650	7,650	8,310	8,130	1,870	2,580	G	N
PCB-85/116	PCB-85/116	ppt	20	18	90	9.65	74,800	2.55	33.3	13,100	13,100	20,200	19,700	2,080	5,740	G	NP
PCB-86	55312-69-1	ppt	4	4	100	17,300	25,900	--	--	21,100	21,100	3,770	3,770	20,900	20,700	--	--
PCB-88/91	PCB-88/91	ppt	65	59	91	1.77	69,000	0.339	26.2	9,960	9,960	12,500	12,400	2,920	6,460	NP	NP

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-89	73575-57-2	ppt	89	80	90	16.0	10,200	0.369	28.4	1,060	1,070	1,800	1,790	320	520	NP	NP
PCB-93	73575-56-1	ppt	4	4	100	21,400	39,400	--	--	28,800	28,800	7,810	7,810	28,100	27,300	--	--
PCB-94	73575-55-0	ppt	89	77	87	7.15	3,390	0.368	60.8	711	711	680	676	267	566	NP	NP
PCB-96	73575-54-9	ppt	89	79	89	14.1	5,300	0.276	21.3	844	846	1,090	1,080	277	470	NP	NP
PCB-97	41464-51-1	ppt	4	4	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	--	--
PCB-99	38380-01-7	ppt	24	24	100	0.00	229,000	--	--	42,900	42,900	64,700	64,700	11,300	19,400	NP	NP
Total Congener PCBs (209)	No CAS	ppt	89	88	99	6.16	13,400,000	2.27	2.27	2,060,000	2,060,000	2,880,000	2,860,000	518,000	1,060,000	NP	NP
Total Congener PCBs (NOAA 1989)	No CAS	ppt	24	24	100	959	9,680,000	--	--	2,010,000	2,010,000	2,860,000	2,860,000	515,000	759,000	G	G
Subsurface (>3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	145	111	77	0.655	6,430	0.881	33.2	490	490	758	756	94.9	230	G	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	145	114	79	2.19	20,500	0.0892	9.17	836	836	1,960	1,950	74.8	376	G	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	145	104	72	0.160	260	0.0411	2.85	20.1	20.1	34.7	34.6	3.27	10.2	G	NP
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	145	98	68	0.147	216	0.0472	2.66	5.54	5.60	18.3	18.2	1.16	2.45	NP	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	145	119	82	0.219	3,960	0.0275	12.5	192	192	398	396	19.7	99.0	NP	NP
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	145	119	82	0.267	775	0.0758	2.39	37.6	37.6	75.1	74.8	6.48	18.4	G	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	145	113	78	0.245	684	0.0299	3.30	46.7	46.7	80.9	80.6	6.57	27.4	NP	NP
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	145	114	79	0.213	532	0.0569	3.94	20.4	20.4	47.6	47.4	3.96	9.91	G	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	145	60	41	0.155	12.7	0.0381	1.37	1.05	1.00	1.68	1.70	0.352	0.354	G/Ln	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt	145	97	67	0.129	224	0.0527	1.07	8.40	8.40	21.7	21.7	1.48	3.21	NP	NP
1,2,3,7,8-PeCDF	57117-41-6	ppt	145	106	73	0.384	173	0.0245	3.02	15.7	15.8	23.3	23.2	2.86	10.7	G	NP
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	145	111	77	0.201	242	0.0313	1.36	24.1	24.1	36.1	36.0	4.00	13.3	G	NP
2,3,4,7,8-PeCDF	57117-31-4	ppt	145	112	77	0.142	245	0.0228	1.30	29.9	29.9	40.2	40.0	4.82	15.8	G	NP
2,3,7,8-TCDD	1746-01-6	ppt	145	114	79	0.301	126,000	0.0429	2.05	1,520	1,520	10,900	10,800	24.0	75.6	NP	NP
2,3,7,8-TCDF	51207-31-9	ppt	145	103	71	0.640	216	0.0464	2.42	26.4	26.5	38.5	38.3	5.72	14.9	G	NP
OCDD	3268-87-9	ppt	145	121	83	59.0	31,200	5.47	395	5,320	5,330	6,970	6,950	1,270	2,440	G	NP
OCDF	39001-02-0	ppt	145	111	77	3.14	62,800	0.239	24.7	1,630	1,630	5,430	5,420	135	670	NP	NP
Total HpCDD	37871-00-4	ppt	145	119	82	8.28	24,700	0.655	77.1	1,250	1,250	2,400	2,390	244	493	NP	NP
Total HpCDF	38998-75-3	ppt	145	116	80	3.17	23,400	0.110	6.53	1,130	1,130	2,380	2,370	105	525	G	NP
Total HxCDD	34465-46-8	ppt	145	136	94	0.355	32,200	0.0472	1.78	485	485	2,670	2,660	59.4	158	NP	NP
Total HxCDF	55684-94-1	ppt	145	117	81	1.57	8,320	0.0277	4.15	627	627	1,080	1,080	60.5	342	G	NP
Total PeCDD	36088-22-9	ppt	145	119	82	0.256	9,400	0.0527	0.555	143	143	789	787	11.3	36.8	NP	NP
Total PeCDF	30402-15-4	ppt	145	120	83	0.228	8,570	0.0228	0.241	751	751	1,340	1,340	55.6	313	G	NP
Total TCDD	41903-57-5	ppt	145	121	83	0.233	129,000	0.0429	0.393	1,840	1,840	11,400	11,400	36.8	124	NP	NP
Total TCDF	55722-27-5	ppt	145	123	85	0.289	17,700	0.0464	0.317	1,110	1,110	2,530	2,520	76.2	360	G	NP
Congener PCBs																	
PCB-1	2051-60-7	ppt	145	121	83	2.09	611,000	0.0587	19.6	6,730	6,730	50,800	50,700	140	685	NP	NP
PCB-100	39485-83-1	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-103	60145-21-3	ppt	145	115	79	0.451	19,100	0.235	30.1	1,210	1,210	2,100	2,090	121	738	NP	NP
PCB-104	56558-16-8	ppt	145	55	38	0.100	1,390	0.179	1,560	109	91.1	207	202	11.8	27.8	G/Ln	NP
PCB-105	32598-14-4	ppt	145	124	86	3.03	644,000	0.113	5.88	34,100	34,100	80,900	80,600	1,600	12,000	NP	NP

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-11	2050-67-1	ppt	145	122	84	12.7	166,000	1.53	16.3	24,200	24,200	36,200	36,100	1,780	7,390	G	NP
PCB-110	38380-03-9	ppt	14	14	100	43.6	450,000	--	--	120,000	120,000	150,000	150,000	22,200	35,100	G/Ln	G/Ln
PCB-113	68194-10-5	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-114	74472-37-0	ppt	145	115	79	0.848	54,200	0.111	14.2	2,160	2,160	5,840	5,820	124	621	NP	NP
PCB-119	56558-17-9	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-12/13	PCB-12/13	ppt	131	113	86	0.408	293,000	0.306	2.99	6,710	6,710	25,900	25,800	435	2,890	NP	NP
PCB-120	68194-12-7	ppt	145	90	62	2.03	2,890	0.136	1,510	208	199	317	316	29.3	141	NP	NP
PCB-121	56558-18-0	ppt	145	7	5	66.5	473	0.142	1,520	39.2	72.1	84.9	36.5	6.51	15.9	G/Ln	NP
PCB-122	76842-07-4	ppt	145	113	78	3.56	35,000	0.132	24.6	1,440	1,440	3,770	3,750	98.9	499	NP	NP
PCB-123	65510-44-3	ppt	145	115	79	0.783	31,500	0.123	17.5	1,480	1,480	3,590	3,580	103	482	G	NP
PCB-124	70424-70-3	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-126	57465-28-8	ppt	145	113	78	0.337	6,040	0.121	15.9	321	321	653	651	34.0	135	G	NP
PCB-127	39635-33-1	ppt	145	53	37	1.04	1,010	0.120	1,460	73.8	59.6	142	132	9.74	20.0	Ln	NP
PCB-129	55215-18-4	ppt	14	14	100	37.8	293,000	--	--	94,500	94,500	101,000	101,000	24,800	42,800	G	G
PCB-130	52663-66-8	ppt	145	116	80	1.26	89,300	0.248	36.5	4,590	4,590	9,210	9,180	356	2,300	NP	NP
PCB-131	61798-70-7	ppt	145	114	79	0.446	22,700	0.254	37.4	1,020	1,020	2,280	2,280	98.4	423	NP	NP
PCB-134/143	PCB-134/143	ppt	131	101	77	11.1	85,700	0.249	36.5	4,360	4,360	9,640	9,600	288	1,980	NP	NP
PCB-135	52744-13-5	ppt	14	14	100	23.5	114,000	--	--	35,700	35,700	37,700	37,700	10,900	17,100	G	G
PCB-136	38411-22-2	ppt	145	119	82	0.500	183,000	0.207	27.5	10,600	10,600	22,400	22,400	668	4,780	NP	NP
PCB-137	35694-06-5	ppt	145	116	80	2.32	78,500	0.214	31.5	3,280	3,280	7,590	7,560	245	1,310	NP	NP
PCB-14	34883-41-5	ppt	145	49	34	0.417	10,500	0.263	1,000	178	163	934	933	10.4	14.6	Ln	NP
PCB-140	59291-64-4	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-141	52712-04-6	ppt	145	120	83	0.992	270,000	0.222	32.6	15,600	15,600	34,400	34,200	909	6,730	NP	NP
PCB-144	68194-14-9	ppt	145	115	79	2.33	61,100	0.262	34.7	3,800	3,800	8,320	8,290	285	1,500	NP	NP
PCB-145	74472-40-5	ppt	145	11	8	2.47	230	0.0810	1,820	43.4	9.40	91.2	27.8	7.98	20.8	N/G/Ln	NP
PCB-147	68194-13-8	ppt	14	14	100	39.2	263,000	--	--	83,900	83,900	89,200	89,200	23,600	39,200	G	G
PCB-148	74472-41-6	ppt	145	54	37	3.66	2,670	0.262	2,540	159	131	335	324	22.5	56.8	Ln	NP
PCB-15	2050-68-2	ppt	145	127	88	1.61	2,200,000	0.319	1.44	34,800	34,800	183,000	183,000	1,450	12,000	NP	NP
PCB-150	68194-08-1	ppt	145	82	57	0.184	8,220	0.193	1,770	295	282	917	915	28.7	119	NP	NP
PCB-151	52663-63-5	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-152	68194-09-2	ppt	145	42	29	5.09	1,800	0.0810	1,810	78.2	55.5	181	166	11.7	29.9	G	NP
PCB-153	35065-27-1	ppt	14	14	100	62.3	245,000	--	--	86,100	86,100	86,000	86,000	28,000	45,900	G	G
PCB-154	60145-22-4	ppt	145	113	78	0.00	43,100	0.230	2,110	1,620	1,610	4,900	4,890	135	908	NP	NP
PCB-155	33979-03-2	ppt	145	99	68	0.173	35,600	0.188	1,720	1,780	1,770	4,610	4,600	73.2	228	NP	NP
PCB-156	38380-08-4	ppt	14	13	93	209	34,300	5.35	5.35	10,700	10,700	12,100	11,600	2,480	4,410	G/Ln	N/G/Ln
PCB-157	69782-90-7	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-159	39635-35-3	ppt	145	114	79	1.58	10,300	0.163	433	629	629	1,220	1,210	73.9	350	NP	NP
PCB-166	41411-63-6	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-167	52663-72-6	ppt	145	114	79	7.12	52,900	0.121	17.1	2,660	2,660	5,450	5,430	195	1,220	NP	NP
PCB-168	59291-65-5	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-169	32774-16-6	ppt	145	89	61	1.49	3,340	0.138	520	255	249	436	438	33.2	123	NP	NP

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-17	37680-66-3	ppt	145	122	84	1.57	4,270,000	0.328	63.7	62,400	62,400	357,000	356,000	1,490	8,950	NP	NP
PCB-170	35065-30-6	ppt	145	121	83	1.59	289,000	0.251	33.3	19,300	19,300	39,900	39,800	1,230	9,420	NP	NP
PCB-171	52663-71-5	ppt	14	14	100	5.54	17,800	--	--	7,150	7,150	6,680	6,680	2,440	5,010	G	G
PCB-172	52663-74-8	ppt	145	115	79	7.90	54,200	0.257	30.5	3,360	3,360	6,850	6,830	293	1,670	NP	NP
PCB-173	68194-16-1	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-174	38411-25-5	ppt	145	122	84	1.07	346,000	0.241	14.6	20,800	20,800	44,500	44,300	1,320	9,730	NP	NP
PCB-175	40186-70-7	ppt	145	114	79	1.93	12,400	0.231	27.4	837	837	1,650	1,640	96.1	433	NP	NP
PCB-176	52663-65-7	ppt	145	115	79	5.01	38,900	0.176	20.9	2,700	2,700	5,300	5,280	230	1,380	NP	NP
PCB-177	52663-70-4	ppt	145	120	83	0.825	179,000	0.247	29.3	11,600	11,600	23,100	23,100	824	6,080	NP	NP
PCB-178	52663-67-9	ppt	145	117	81	3.15	63,000	0.250	29.7	4,520	4,520	8,540	8,510	397	2,640	NP	NP
PCB-179	52663-64-6	ppt	145	121	83	0.629	156,000	0.186	11.3	10,300	10,300	20,800	20,700	739	5,250	NP	NP
PCB-18	37680-65-2	ppt	14	13	93	135	534,000	15.4	15.4	120,000	120,000	179,000	173,000	7,590	2,990	G/Ln	G/Ln
PCB-180	35065-29-3	ppt	14	14	100	178	124,000	--	--	55,000	55,000	44,800	44,800	27,100	49,700	N/G	N/G
PCB-181	74472-47-2	ppt	145	61	42	0.486	2,880	0.231	1,620	120	102	282	278	17.2	37.9	G	NP
PCB-183	52663-69-1	ppt	14	14	100	54.0	41,200	--	--	19,300	19,300	15,100	15,100	9,750	18,000	N/G	N/G
PCB-184	74472-48-3	ppt	145	49	34	3.02	1,160	0.191	1,340	86.6	71.0	169	164	11.9	25.3	Ln	NP
PCB-185	52712-05-7	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-186	74472-49-4	ppt	145	3	2	4.94	22.8	0.121	1,300	28.7	--	64.3	--	5.76	12.4	--	--
PCB-188	74487-85-7	ppt	145	41	28	1.89	2,790	0.173	1,180	85.4	68.8	283	280	10.8	23.3	NP	NP
PCB-189	39635-31-9	ppt	145	113	78	1.99	8,370	0.125	15.0	645	646	1,180	1,180	69.2	323	NP	NP
PCB-19	38444-73-4	ppt	145	110	76	3.58	1,020,000	0.353	40.9	13,000	13,000	85,000	84,700	318	1,580	NP	NP
PCB-190	41411-64-7	ppt	145	117	81	1.55	59,000	0.179	21.3	3,630	3,630	7,620	7,590	280	1,790	NP	NP
PCB-191	74472-50-7	ppt	145	112	77	2.33	11,700	0.176	20.9	789	790	1,660	1,660	79.9	392	NP	NP
PCB-192	74472-51-8	ppt	145	0	0	--	--	0.197	1,380	--	--	--	--	--	--	--	--
PCB-193	69782-91-8	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-194	35694-08-7	ppt	145	122	84	1.33	150,000	0.135	17.0	11,500	11,500	19,800	19,800	889	6,850	NP	NP
PCB-195	52663-78-2	ppt	145	116	80	0.454	64,000	0.147	34.9	4,250	4,250	8,180	8,160	338	2,320	NP	NP
PCB-197	33091-17-7	ppt	145	114	79	1.15	6,340	0.145	31.3	675	675	1,280	1,280	65.3	254	NP	NP
PCB-198	68194-17-2	ppt	14	14	100	345	73,300	--	--	34,400	34,400	16,300	16,300	25,200	35,900	N	N
PCB-199	52663-75-9	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-2	2051-61-8	ppt	145	134	92	0.676	34,500	0.0663	1.47	1,160	1,160	3,350	3,340	120	345	G	NP
PCB-200	52663-73-7	ppt	145	115	79	0.00	18,100	0.142	30.7	1,210	1,210	2,540	2,530	113	520	NP	NP
PCB-201	40186-71-8	ppt	145	115	79	4.62	18,500	0.137	29.7	1,790	1,790	2,720	2,710	184	1,020	NP	NP
PCB-202	2136-99-4	ppt	145	118	81	12.0	41,000	0.155	15.8	4,550	4,550	6,800	6,780	390	2,260	NP	NP
PCB-204	74472-52-9	ppt	145	15	10	0.738	145	0.150	833	34.2	9.20	53.0	25.0	7.43	19.4	N/G	NP
PCB-205	74472-53-0	ppt	145	114	79	1.25	7,290	0.114	27.0	575	575	997	993	68.3	336	NP	NP
PCB-206	40186-72-9	ppt	145	121	83	2.71	184,000	0.271	21.8	12,400	12,400	22,700	22,600	941	5,700	NP	NP
PCB-207	52663-79-3	ppt	145	116	80	3.01	11,200	0.189	26.7	1,150	1,150	1,790	1,780	124	538	NP	NP
PCB-208	52663-77-1	ppt	145	120	83	0.676	87,700	0.194	14.9	5,270	5,270	11,400	11,300	376	2,030	NP	NP
PCB-209	2051-24-3	ppt	145	124	86	1.72	218,000	0.227	6.50	15,300	15,300	32,900	32,800	1,010	5,260	NP	NP
PCB-22	38444-85-8	ppt	145	125	86	1.72	3,330,000	0.171	6.95	54,900	54,900	280,000	279,000	1,420	8,850	NP	NP

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-23	55720-44-0	ppt	145	58	40	1.03	13,300	0.136	351	169	164	1,110	1,110	9.03	12.7	NP	NP
PCB-25	55712-37-3	ppt	145	122	84	0.529	600,000	0.122	14.6	12,100	12,100	50,500	50,300	459	4,050	NP	NP
PCB-26	38444-81-4	ppt	14	13	93	49.4	125,000	5.61	5.61	29,700	29,700	40,600	39,200	2,280	1,130	G/Ln	N/G/Ln
PCB-28	7012-37-5	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-29	15862-07-4	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-3	2051-62-9	ppt	145	131	90	0.438	217,000	0.0753	1.62	3,570	3,570	18,300	18,200	192	706	NP	NP
PCB-30	35693-92-6	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-31	16606-02-3	ppt	145	127	88	2.60	8,220,000	0.650	19.7	151,000	151,000	695,000	693,000	4,670	31,200	NP	NP
PCB-34	37680-68-5	ppt	145	111	77	1.73	25,000	0.134	28.7	717	718	2,170	2,160	58.0	266	NP	NP
PCB-35	37680-69-6	ppt	145	120	83	0.618	105,000	0.138	20.5	3,400	3,410	9,420	9,390	212	1,310	NP	NP
PCB-36	38444-87-0	ppt	145	63	43	0.526	692	0.133	2,300	51.8	35.5	118	72.6	8.75	18.4	NP	NP
PCB-37	38444-90-5	ppt	145	126	87	0.821	1,920,000	0.137	7.21	36,600	36,600	162,000	161,000	1,250	11,600	NP	NP
PCB-38	53555-66-1	ppt	145	52	36	0.400	837	0.141	2,430	54.9	36.2	147	110	7.92	13.7	G	NP
PCB-39	38444-88-1	ppt	145	108	75	1.96	27,000	0.125	259	770	769	2,390	2,390	54.1	243	NP	NP
PCB-40	38444-93-8	ppt	14	14	100	13.2	404,000	--	--	85,700	85,700	123,000	123,000	6,910	3,140	G/Ln	G/Ln
PCB-44	41464-39-5	ppt	14	14	100	21.7	663,000	--	--	162,000	162,000	226,000	226,000	15,200	10,100	G/Ln	G/Ln
PCB-45	70362-45-7	ppt	14	13	93	14.7	145,000	4.74	4.74	31,600	31,600	44,700	43,100	2,090	1,000	G/Ln	N/G/Ln
PCB-46	41464-47-5	ppt	145	115	79	2.17	458,000	0.248	28.3	9,580	9,580	39,400	39,300	344	1,910	NP	NP
PCB-47	2437-79-8	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-50	62796-65-0	ppt	14	14	100	4.06	110,000	--	--	23,600	23,600	33,700	33,700	1,920	850	G/Ln	G/Ln
PCB-51	68194-04-7	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-53	41464-41-9	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-54	15968-05-5	ppt	145	90	62	3.74	15,800	0.225	844	550	546	1,470	1,470	42.1	158	NP	NP
PCB-55	74338-24-2	ppt	145	97	67	2.50	235,000	0.157	394	3,040	3,040	19,700	19,700	77.9	404	NP	NP
PCB-57	70424-67-8	ppt	145	102	70	1.27	26,700	0.149	584	585	584	2,290	2,280	40.2	187	NP	NP
PCB-58	41464-49-7	ppt	145	105	72	1.49	6,670	0.148	582	284	283	617	615	32.7	161	NP	NP
PCB-6	25569-80-6	ppt	145	121	83	0.629	1,740,000	0.304	46.9	18,400	18,400	144,000	144,000	402	1,980	NP	NP
PCB-62	54230-22-7	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-63	74472-34-7	ppt	145	116	80	0.989	171,000	0.138	15.8	4,460	4,460	15,200	15,100	209	1,260	NP	NP
PCB-65	33284-54-7	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-67	73575-53-8	ppt	145	114	79	1.50	156,000	0.134	15.3	3,660	3,660	13,500	13,400	173	1,120	NP	NP
PCB-68	73575-52-7	ppt	145	111	77	0.837	5,730	0.135	530	509	509	705	703	59.2	381	NP	NP
PCB-73	74338-23-1	ppt	14	0	0	--	--	1.13	10.3	--	--	--	--	--	--	--	--
PCB-74	32690-93-0	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-77	32598-13-3	ppt	145	122	84	0.339	345,000	0.140	260	12,500	12,500	34,600	34,500	559	4,670	NP	NP
PCB-78	70362-49-1	ppt	145	7	5	17.1	323	0.154	2,380	40.6	20.8	111	26.8	6.65	14.4	G/Ln	NP
PCB-79	41464-48-6	ppt	145	112	77	0.638	17,300	0.135	21.2	828	828	1,980	1,980	66.5	315	NP	NP
PCB-80	33284-52-5	ppt	145	6	4	8.37	253	0.132	2,040	35.3	12.5	95.0	24.6	5.79	12.3	N/G/Ln	NP
PCB-81	70362-50-4	ppt	145	96	66	1.97	16,200	0.139	536	347	344	1,420	1,420	23.5	81.8	NP	NP
PCB-82	52663-62-4	ppt	145	118	81	0.656	369,000	0.290	37.2	13,300	13,300	38,100	38,000	631	4,020	NP	NP
PCB-83	60145-20-2	ppt	14	14	100	22.8	262,000	--	--	69,400	69,400	85,600	85,600	12,700	20,100	G/Ln	G/Ln

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-86	55312-69-1	ppt	14	13	93	803	323,000	28.4	28.4	75,500	75,500	99,500	95,800	12,500	18,500	G/Ln	N/G/Ln
PCB-88/91	PCB-88/91	ppt	131	104	79	0.814	316,000	0.247	31.7	15,600	15,600	38,000	37,800	726	6,490	NP	NP
PCB-89	73575-57-2	ppt	145	111	77	1.97	65,200	0.197	45.3	1,840	1,840	6,090	6,070	106	456	NP	NP
PCB-93	73575-56-1	ppt	14	14	100	30.1	394,000	--	--	96,300	96,300	122,000	122,000	17,400	25,200	G/Ln	G/Ln
PCB-94	73575-55-0	ppt	145	108	75	0.261	15,300	0.268	51.2	783	782	1,660	1,650	70.6	305	NP	NP
PCB-96	73575-54-9	ppt	145	109	75	1.97	32,900	0.201	38.3	1,220	1,220	3,280	3,270	82.3	372	NP	NP
PCB-97	41464-51-1	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-99	38380-01-7	ppt	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA

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2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	36	20	56	0.10	1.6	0.23	0.97	0.46	0.45	0.39	0.40	0.34	0.27	N/G/Ln	NP
Metals																	
Aluminum	7429-90-5	ppm	76	76	100	3,740	18,900	--	--	11,700	11,700	3,180	3,180	11,200	11,700	N/G/Ln	N/G/Ln
Antimony	7440-36-0	ppm	76	46	61	0.39	5.8	0.66	17.2	1.2	1.1	1.2	0.76	0.93	0.85	G/Ln	NP
Arsenic	7440-38-2	ppm	76	76	100	3.5	56.0	--	--	10.0	10.0	5.9	5.9	9.2	9.2	NP	NP
Barium	7440-39-3	ppm	76	76	100	19.4	431	--	--	109	109	52.2	52.2	99.5	105	NP	NP
Beryllium	7440-41-7	ppm	76	75	99	0.13	1.2	1.4	1.4	0.59	0.59	0.18	0.18	0.56	0.59	N	N
Cadmium	7440-43-9	ppm	76	76	100	0.14	29.4	--	--	2.8	2.8	3.3	3.3	2.2	2.5	NP	NP
Calcium	7440-70-2	ppm	76	76	100	1,350	11,800	--	--	5,160	5,160	1,730	1,730	4,870	5,080	N	N
Chromium	7440-47-3	ppm	77	76	99	25.7	187	72.4	72.4	101	101	32.5	32.0	94.7	104	N/G	N/G
Cobalt	7440-48-4	ppm	75	75	100	3.1	47.2	--	--	9.3	9.3	4.9	4.9	8.7	8.6	NP	NP
Copper	7440-50-8	ppm	96	95	99	21.8	599	96.0	96.0	138	138	65.8	65.3	126	131	NP	NP
Iron	7439-89-6	ppm	76	76	100	6,920	41,400	--	--	25,100	25,100	6,260	6,260	24,100	26,000	N	N
Lead	7439-92-1	ppm	75	75	100	28.0	1,100	--	--	191	191	129	129	167	181	NP	NP
Magnesium	7439-95-4	ppm	76	76	100	1,700	9,500	--	--	6,270	6,270	1,590	1,590	6,020	6,560	N	N
Manganese	7439-96-5	ppm	76	75	99	79.9	676	314	314	377	378	145	143	345	373	N	N
Mercury	7439-97-6	ppm	75	75	100	0.32	5.1	--	--	1.9	1.9	0.92	0.92	1.7	1.8	NP	NP
Nickel	7440-02-0	ppm	96	95	99	9.1	119	19.0	19.0	30.5	30.5	13.0	12.9	28.6	29.3	NP	NP
Potassium	7440-09-7	ppm	72	72	100	618	3,690	--	--	2,120	2,120	633	633	2,020	2,130	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm	74	65	88	0.20	4.9	0.23	2.8	1.5	1.6	0.84	0.83	1.3	1.4	G	Ln
Silver	7440-22-4	ppm	76	75	99	0.22	4.7	2.9	2.9	2.2	2.2	0.97	0.96	1.9	2.0	NP	NP
Sodium	7440-23-5	ppm	76	76	100	1,630	21,500	--	--	8,840	8,840	4,010	4,010	7,940	8,390	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm	73	64	88	0.11	6.8	0.37	3.1	0.48	0.42	0.82	0.79	0.33	0.26	NP	NP
Titanium	7440-32-6	ppm	67	67	100	144	556	--	--	377	377	83.4	83.4	367	398	NP	NP
Vanadium	7440-62-2	ppm	75	75	100	8.6	48.5	--	--	30.9	30.9	7.9	7.9	29.7	30.4	N/G	N/G
Zinc	7440-66-6	ppm	76	76	100	69.7	2,490	--	--	406	406	280	280	355	380	G/Ln	G/Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	79	59	75	0.080	5.4	0.22	0.59	0.65	0.64	0.88	0.88	0.39	0.33	G/Ln	NP
Metals																	
Aluminum	7429-90-5	ppm	93	93	100	4,910	18,200	--	--	13,900	13,900	2,580	2,580	13,600	14,200	NP	NP
Antimony	7440-36-0	ppm	94	82	87	0.040	3.2	0.040	2.6	0.96	0.93	0.58	0.59	0.75	0.86	G	NP
Arsenic	7440-38-2	ppm	93	93	100	2.0	67.5	--	--	15.7	15.7	13.5	13.5	12.5	10.9	NP	NP
Barium	7440-39-3	ppm	94	94	100	14.3	278	--	--	140	140	60.3	60.3	122	142	N	N
Beryllium	7440-41-7	ppm	94	94	100	0.20	1.0	--	--	0.69	0.69	0.16	0.16	0.67	0.72	NP	NP
Cadmium	7440-43-9	ppm	94	94	100	0.028	19.1	--	--	4.5	4.5	3.8	3.8	2.9	3.5	NP	NP

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Calcium	7440-70-2	ppm	93	93	100	437	19,900	--	--	6,200	6,200	2,760	2,760	5,580	6,220	NP	NP
Chromium	7440-47-3	ppm	94	94	100	9.0	934	--	--	188	188	167	167	140	137	NP	NP
Cobalt	7440-48-4	ppm	94	94	100	3.2	18.7	--	--	10.8	10.8	2.7	2.7	10.4	10.9	NP	NP
Copper	7440-50-8	ppm	94	94	100	5.9	503	--	--	198	198	109	109	159	175	NP	NP
Iron	7439-89-6	ppm	93	93	100	8,820	41,200	--	--	30,600	30,600	5,090	5,090	30,000	31,200	NP	NP
Lead	7439-92-1	ppm	91	91	100	5.0	1,240	--	--	258	258	166	166	199	235	NP	NP
Magnesium	7439-95-4	ppm	93	93	100	1,780	10,700	--	--	7,280	7,280	1,470	1,470	7,090	7,400	N	N
Manganese	7439-96-5	ppm	94	94	100	87.5	878	--	--	494	494	148	148	468	481	N/G	N/G
Mercury	7439-97-6	ppm	94	94	100	0.017	15.8	--	--	3.8	3.8	3.2	3.2	2.5	2.7	NP	NP
Nickel	7440-02-0	ppm	94	94	100	7.2	99.1	--	--	40.4	40.4	18.0	18.0	36.7	35.8	NP	NP
Potassium	7440-09-7	ppm	92	92	100	882	3,580	--	--	2,260	2,260	497	497	2,200	2,260	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm	94	79	84	0.50	5.8	0.58	1.3	1.5	1.5	0.90	0.87	1.3	1.3	NP	NP
Silver	7440-22-4	ppm	94	93	99	0.034	9.3	0.024	0.024	3.7	3.7	2.2	2.2	2.6	3.2	NP	NP
Sodium	7440-23-5	ppm	93	93	100	1,370	17,700	--	--	7,760	7,760	2,380	2,380	7,330	7,830	N	N
Thallium	7440-28-0	ppm	94	85	90	0.037	0.57	1.1	1.3	0.28	0.25	0.15	0.10	0.25	0.23	NP	NP
Titanium	7440-32-6	ppm	93	93	100	254	546	--	--	418	418	75.2	75.2	411	437	NP	NP
Vanadium	7440-62-2	ppm	94	94	100	9.7	97.1	--	--	35.9	35.9	15.3	15.3	33.2	35.1	NP	NP
Zinc	7440-66-6	ppm	94	94	100	24.2	1,300	--	--	506	506	281	281	411	479	NP	NP
Subsurface (>3.5 ft bss)																	
Total Cyanide																	
Total Cyanide	57-12-5	ppm	111	64	58	0.060	6.0	0.16	0.53	0.54	0.53	0.98	0.98	0.27	0.19	NP	NP
Metals																	
Aluminum	7429-90-5	ppm	161	161	100	2,510	19,800	--	--	12,600	12,600	4,240	4,240	11,600	14,000	NP	NP
Antimony	7440-36-0	ppm	149	111	75	0.040	11.8	0.030	2.5	1.1	1.0	1.5	1.5	0.44	0.76	NP	NP
Arsenic	7440-38-2	ppm	161	161	100	0.50	134	--	--	23.2	23.2	24.5	24.5	13.6	14.9	NP	NP
Barium	7440-39-3	ppm	149	149	100	6.4	6,140	--	--	207	207	517	517	108	159	NP	NP
Beryllium	7440-41-7	ppm	149	145	97	0.12	2.0	0.28	0.49	0.68	0.68	0.31	0.31	0.60	0.74	NP	NP
Cadmium	7440-43-9	ppm	149	148	99	0.018	24.8	0.024	0.024	6.0	6.0	6.1	6.1	1.9	3.9	NP	NP
Calcium	7440-70-2	ppm	160	160	100	248	28,400	--	--	6,150	6,150	4,260	4,260	4,600	6,350	NP	NP
Chromium	7440-47-3	ppm	149	149	100	5.8	1,100	--	--	253	253	250	250	123	184	NP	NP
Cobalt	7440-48-4	ppm	149	149	100	1.9	29.4	--	--	10.6	10.6	4.7	4.7	9.5	11.4	NP	NP
Copper	7440-50-8	ppm	149	149	100	2.1	694	--	--	219	219	180	180	100	200	NP	NP
Iron	7439-89-6	ppm	161	161	100	5,800	39,300	--	--	27,800	27,800	8,550	8,550	25,900	30,600	NP	NP
Lead	7439-92-1	ppm	145	145	100	1.2	1,310	--	--	284	284	245	245	113	240	NP	NP
Magnesium	7439-95-4	ppm	161	161	100	1,270	10,200	--	--	6,380	6,380	2,200	2,200	5,830	7,030	NP	NP
Manganese	7439-96-5	ppm	149	149	100	37.6	728	--	--	411	411	160	160	362	424	NP	NP
Mercury	7439-97-6	ppm	152	152	100	0.0016	23.3	--	--	5.0	5.0	4.9	4.9	1.3	3.8	NP	NP
Nickel	7440-02-0	ppm	149	149	100	3.3	111	--	--	40.4	40.4	24.6	24.6	31.5	40.1	NP	NP
Potassium	7440-09-7	ppm	161	161	100	330	4,390	--	--	2,100	2,100	751	751	1,920	2,250	NP	NP

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Selenium	7782-49-2	ppm	149	100	67	0.70	5.5	0.56	1.9	1.4	1.4	0.94	0.86	1.1	1.1	NP	Ln
Silver	7440-22-4	ppm	149	137	92	0.030	13.6	0.019	0.025	4.1	4.1	3.5	3.4	1.3	4.0	NP	NP
Sodium	7440-23-5	ppm	161	161	100	586	14,300	--	--	5,460	5,460	2,610	2,610	4,580	6,060	NP	NP
Thallium	7440-28-0	ppm	149	130	87	0.025	1.3	0.020	1.3	0.30	0.28	0.22	0.21	0.21	0.28	NP	NP
Titanium	7440-32-6	ppm	161	159	99	119	558	111	117	355	356	105	103	335	358	NP	NP
Vanadium	7440-62-2	ppm	149	149	100	4.4	165	--	--	40.4	40.4	25.2	25.2	33.7	37.4	NP	NP
Zinc	7440-66-6	ppm	149	149	100	16.6	1,340	--	--	487	487	391	391	267	419	NP	NP

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Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	25	2	8	4.9	62	20	52	15	--	10	--	14	13	--	--
2,4,5-TP (Silvex)	93-72-1	ppb	26	1	3.8	2.9	2.9	20	240	17	--	21	--	14	13	--	--
2,4-D	94-75-7	ppb	25	0	0	--	--	78	810	--	--	--	--	--	--	--	--
2,4-DB	94-82-6	ppb	27	2	7.4	28	35	78	810	66	--	69	--	56	50	--	--
Organotins																	
Dibutyltin	1191-48-6	ppb	37	35	94.6	12	250	2.0	3.2	54	55	47	45	37	49	G/Ln	Ln
Monobutyltin	78763-54-9	ppb	37	34	91.9	1.5	78	2.8	3.2	22	22	18	18	14	18	G/Ln	N/Ln
Tetrabutyltin	1461-25-2	ppb	37	10	27	0.62	3.4	1.0	20	1.9	1.3	1.7	0.77	1.5	1.3	N/G/Ln	NP
Tributyltin	688-73-3	ppb	37	35	94.6	8.3	61	2.0	3.2	25	26	14	13	21	22	G/Ln	Ln
PBDEs																	
BDE-1	BDE-1	ppb	2	2	100	0.13	0.21	--	--	0.17	0.17	0.058	0.058	0.16	0.17	--	--
BDE-10	BDE-10	ppb	2	0	0	--	--	0.0017	0.0033	--	--	--	--	--	--	--	--
BDE-100	BDE-100	ppb	2	2	100	1.2	1.9	--	--	1.6	1.6	0.45	0.45	1.5	1.6	--	--
BDE-116	BDE-116	ppb	2	0	0	--	--	0.038	0.042	--	--	--	--	--	--	--	--
BDE-126	BDE-126	ppb	2	0	0	--	--	0.013	0.014	--	--	--	--	--	--	--	--
BDE-138	BDE-138	ppb	2	2	100	0.10	0.10	--	--	0.10	0.10	0.0028	0.0028	0.10	0.10	--	--
BDE-15	BDE-15	ppb	2	2	100	0.40	0.63	--	--	0.52	0.52	0.16	0.16	0.50	0.52	--	--
BDE-153	BDE-153	ppb	2	2	100	0.92	1.3	--	--	1.1	1.1	0.24	0.24	1.1	1.1	--	--
BDE-154	BDE-154	ppb	2	2	100	0.74	1.1	--	--	0.93	0.93	0.27	0.27	0.91	0.93	--	--
BDE-155	BDE-155	ppb	2	2	100	0.066	0.12	--	--	0.094	0.094	0.040	0.040	0.090	0.094	--	--
BDE-17	BDE-17	ppb	2	2	100	0.60	1.3	--	--	0.93	0.93	0.46	0.46	0.87	0.93	--	--
BDE-181	BDE-181	ppb	2	0	0	--	--	0.065	0.066	--	--	--	--	--	--	--	--
BDE-197	BDE-197	ppb	2	2	100	1.7	2.6	--	--	2.2	2.2	0.64	0.64	2.1	2.2	--	--
BDE-2	BDE-2	ppb	2	2	100	0.074	0.16	--	--	0.11	0.11	0.058	0.058	0.11	0.11	--	--
BDE-203	BDE-203	ppb	2	2	100	1.7	2.1	--	--	1.9	1.9	0.31	0.31	1.9	1.9	--	--
BDE-207	BDE-207	ppb	2	2	100	8.5	14	--	--	11	11	3.6	3.6	11	11	--	--
BDE-209	BDE-209	ppb	2	2	100	320	470	--	--	400	400	100	100	390	400	--	--
BDE-25	BDE-25	ppb	2	0	0	--	--	0.0094	0.018	--	--	--	--	--	--	--	--
BDE-35	BDE-35	ppb	2	2	100	0.093	0.15	--	--	0.12	0.12	0.042	0.042	0.12	0.12	--	--
BDE-47	BDE-47	ppb	2	2	100	4.4	7.1	--	--	5.7	5.7	1.9	1.9	5.6	5.7	--	--
BDE-49	BDE-49	ppb	2	2	100	2.1	3.8	--	--	3.0	3.0	1.2	1.2	2.8	3.0	--	--
BDE-66	BDE-66	ppb	2	2	100	0.19	0.30	--	--	0.25	0.25	0.077	0.077	0.24	0.25	--	--
BDE-7	BDE-7	ppb	2	2	100	0.25	0.55	--	--	0.40	0.40	0.21	0.21	0.37	0.40	--	--
BDE-75	BDE-75	ppb	2	1	50	0.38	0.38	0.0064	0.0064	0.19	--	0.27	--	0.035	0.19	--	--
BDE-77	BDE-77	ppb	2	0	0	--	--	0.0056	0.011	--	--	--	--	--	--	--	--
BDE-85	BDE-85	ppb	2	2	100	0.14	0.21	--	--	0.17	0.17	0.050	0.050	0.17	0.17	--	--
BDE-99	BDE-99	ppb	2	2	100	4.7	7.2	--	--	6.0	6.0	1.8	1.8	5.8	6.0	--	--
Arclor PCBs																	
Aroclor-1016	12674-11-2	ppb	25	0	0	--	--	0.87	850	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	25	0	0	--	--	0.87	850	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	25	0	0	--	--	0.87	850	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	25	20	80	120	2,300	0.87	850	330	340	430	420	180	260	NP	NP
Aroclor-1248	12672-29-6	ppb	25	4	16	300	1,200	0.87	15	100	--	270	--	9.6	5.5	--	--
Aroclor-1254	11097-69-1	ppb	25	24	96	130	1,200	0.87	0.87	320	320	220	210	220	270	G/Ln	Ln
Aroclor-1260	11096-82-5	ppb	25	24	96	80	760	0.87	0.87	180	180	140	140	130	160	NP	Ln

Table D-7
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2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Aroclor-1262	37324-23-5	ppb	21	0	0	--	--	0.87	15	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	21	0	0	--	--	0.87	15	--	--	--	--	--	--	--	--
Total Aroclor PCBs	No CAS	ppb	25	24	96	400	3,200	0.87	0.87	900	920	740	710	590	820	NP	NP
Pesticides																	
2,4'-DDD	53-19-0	ppb	51	51	100	0.051	74	--	--	15	15	15	15	9.3	10	G/Ln	G/Ln
2,4'-DDE	3424-82-6	ppb	51	50	98	0.40	19	0.013	0.013	5.8	5.8	4.0	4.0	4.0	4.9	G/Ln	N/Ln
2,4'-DDT	789-02-6	ppb	51	50	98	0.065	13	0.016	0.016	1.9	1.9	2.5	2.5	0.91	1.1	G/Ln	G/Ln
4,4'-DDD	72-54-8	ppb	58	55	94.8	0.25	160	19	95	36	36	31	31	24	26	G/Ln	G/Ln
4,4'-DDE	72-55-9	ppb	58	55	94.8	0.15	110	19	95	37	37	25	25	27	35	N/G	N/G
4,4'-DDT	50-29-3	ppb	58	55	94.8	0.33	140	19	95	15	14	24	24	6.7	7.6	Ln	Ln
Aldrin	309-00-2	ppb	58	46	79.3	0.013	3.8	0.0040	49	1.4	0.50	3.7	0.67	0.31	0.37	G/Ln	Ln
Alpha-BHC	319-84-6	ppb	58	37	63.8	0.025	40	0.0022	49	2.0	1.4	7.4	6.8	0.14	0.10	NP	NP
Alpha-Chlordane	5103-71-9	ppb	56	51	91.1	0.042	120	7.9	49	22	22	22	22	14	17	G	G
Beta-BHC	319-85-7	ppb	58	46	79.3	0.044	1.8	0.028	49	1.2	0.34	3.7	0.32	0.32	0.29	G/Ln	NP
Delta-BHC	319-86-8	ppb	56	36	64.3	0.0057	0.22	0.0037	49	1.0	0.045	3.8	0.047	0.056	0.042	G/Ln	Ln
Dieldrin	60-57-1	ppb	58	51	87.9	0.015	25	8.4	95	6.8	5.8	7.5	5.3	4.0	5.1	G	G/Ln
Endosulfan I	959-98-8	ppb	58	0	0	--	--	0.014	49	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb	58	28	48.3	0.092	14	0.037	95	2.3	0.86	6.7	2.0	0.51	0.37	G/Ln	NP
Endosulfan Sulfate	1031-07-8	ppb	58	42	72.4	0.017	2.8	0.0039	95	1.8	0.24	6.5	0.41	0.17	0.18	G	Ln
Endrin	72-20-8	ppb	58	17	29.3	0.020	0.44	0.0072	95	1.6	0.051	6.5	0.070	0.062	0.038	G/Ln	NP
Endrin Aldehyde	7421-93-4	ppb	58	6	10.3	0.014	0.039	0.0095	95	1.8	0.015	6.8	0.0044	0.040	0.016	G/Ln	NP
Endrin Ketone	53494-70-5	ppb	58	24	41.4	0.018	3.6	0.0071	95	1.7	0.12	6.5	0.50	0.071	0.043	NP	NP
Gamma-BHC (Lindane)	58-89-9	ppb	58	28	48.3	0.014	0.52	0.0063	49	1.0	0.065	3.7	0.089	0.073	0.062	Ln	NP
Gamma-Chlordane	5566-34-7	ppb	44	38	86.4	1.6	130	0.052	49	20	20	26	26	10	13	G/Ln	Ln
Heptachlor	76-44-8	ppb	58	44	75.9	0.0070	28	0.0029	49	1.6	0.62	5.1	3.7	0.15	0.14	NP	Ln
Heptachlor Epoxide	1024-57-3	ppb	58	50	86.2	0.025	7.7	0.0021	49	2.1	1.3	3.7	1.4	0.84	1.1	G/Ln	Ln
Hexachlorobenzene	118-74-1	ppb	50	50	100	0.060	43	--	--	6.5	6.5	8.3	8.3	3.9	4.2	NP	NP
Methoxychlor	72-43-5	ppb	58	22	37.9	0.078	45	0.021	490	7.7	1.3	33	6.0	0.51	0.45	NP	NP
Total Alpha + Gamma Chlordane	No CAS	ppb	44	39	88.6	0.042	230	17	49	41	41	50	50	22	24	G	G
Total DDT (2,4 & 4,4)	No CAS	ppb	15	15	100	6.6	220	--	--	97	97	51	51	79	110	N/G	N/G
Total DDT (2,4)	No CAS	ppb	15	15	100	1.4	45	--	--	20	20	11	11	16	20	N/G	N/G
Total DDT (4,4)	No CAS	ppb	58	55	94.8	3.3	410	19	95	85	85	71	71	59	64	G	NP
Toxaphene	8001-35-2	ppb	46	1	2.2	6.8	6.8	0.25	950	39	--	100	--	1.9	0.94	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb	34	0	0	--	--	170	1,700	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	6	3	50	22	110	830	4,000	500	--	760	--	180	260	--	--
1,2-Dichlorobenzene	95-50-1	ppb	6	1	16.7	28	28	830	4,000	630	--	690	--	360	430	--	--
1,3-Dichlorobenzene	541-73-1	ppb	6	1	16.7	24	24	830	4,000	630	--	690	--	350	430	--	--
1,4-Dichlorobenzene	106-46-7	ppb	6	4	66.7	69	120	830	4,000	470	--	760	--	210	120	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	36	0	0	--	--	170	1,700	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb	34	0	0	--	--	330	3,300	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	40	0	0	--	--	170	4,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	40	0	0	--	--	170	4,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	40	0	0	--	--	170	4,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	40	0	0	--	--	330	4,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	40	0	0	--	--	830	24,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	40	0	0	--	--	170	4,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	40	1	2.5	390	390	170	4,000	270	--	320	--	200	180	--	--
2-Chloronaphthalene	91-58-7	ppb	40	0	0	--	--	170	4,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	40	0	0	--	--	170	4,000	--	--	--	--	--	--	--	--

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2-Methylnaphthalene	91-57-6	ppb	67	66	98.5	44	2,000	360	360	290	290	340	340	190	230	G/Ln	G/Ln
2-Methylphenol	95-48-7	ppb	40	0	0	--	--	170	4,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	40	0	0	--	--	170	4,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	40	0	0	--	--	170	4,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	40	0	0	--	--	330	7,900	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	40	0	0	--	--	330	4,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	40	0	0	--	--	330	10,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	40	2	5	0.29	0.41	170	4,000	260	--	330	--	150	180	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	40	0	0	--	--	170	4,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	40	2	5	73	98	170	4,000	270	--	320	--	200	180	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb	40	0	0	--	--	170	4,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	40	2	5	78	110	170	4,000	270	--	320	--	200	180	--	--
4-Nitroaniline	100-01-6	ppb	40	0	0	--	--	330	4,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	40	0	0	--	--	330	10,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	68	68	100	33	7,200	--	--	510	510	1,100	1,100	220	200	Ln	Ln
Acenaphthylene	208-96-8	ppb	68	68	100	27	3,600	--	--	480	480	550	550	340	310	Ln	Ln
Acetophenone	98-86-2	ppb	34	3	8.8	56	80	170	1,700	210	--	160	--	170	180	--	--
Anthracene	120-12-7	ppb	68	68	100	59	19,000	--	--	1,400	1,400	3,200	3,200	700	610	NP	NP
Atrazine	1912-24-9	ppb	34	0	0	--	--	170	1,700	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb	34	18	52.9	53	270	180	1,700	180	100	160	49	140	110	G/Ln	NP
Benzo(a)anthracene	56-55-3	ppb	68	68	100	220	41,000	--	--	3,400	3,400	5,400	5,400	2,100	2,300	Ln	Ln
Benzo(a)pyrene	50-32-8	ppb	68	68	100	250	36,000	--	--	3,700	3,700	4,700	4,700	2,600	2,900	NP	NP
Benzo(b)fluoranthene	205-99-2	ppb	53	53	100	570	36,000	--	--	4,100	4,100	5,300	5,300	2,800	3,000	Ln	Ln
Benzo(g,h,i)perylene	191-24-2	ppb	68	68	100	170	18,000	--	--	2,200	2,200	2,400	2,400	1,700	1,900	NP	NP
Benzo(k)fluoranthene	207-08-9	ppb	67	67	100	230	13,000	--	--	2,700	2,700	2,300	2,300	2,100	1,900	G/Ln	G/Ln
Biphenyl	92-52-4	ppb	55	24	43.6	13	140	170	1,700	160	87	140	31	120	110	N	NP
bis(2-Chloroethoxy)methane	111-91-1	ppb	40	0	0	--	--	170	4,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	40	0	0	--	--	97	4,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	40	39	97.5	610	28,000	350	350	7,800	7,800	5,900	5,800	5,800	6,200	G/Ln	Ln
Butyl benzyl phthalate	85-68-7	ppb	40	33	82.5	54	1,100	350	4,000	360	300	340	220	260	260	G/Ln	G/Ln
Caprolactam	105-60-2	ppb	34	1	2.9	140	140	180	2,100	280	--	240	--	220	180	--	--
Carbazole	86-74-8	ppb	40	33	82.5	56	710	190	4,000	260	200	310	140	190	170	Ln	G/Ln
Chrysene	218-01-9	ppb	68	68	100	280	46,000	--	--	4,300	4,300	6,300	6,300	2,800	3,200	NP	NP
Dibenzo(a,h)anthracene	53-70-3	ppb	68	68	100	45	4,700	--	--	590	590	620	620	440	480	G/Ln	G/Ln
Dibenzofuran	132-64-9	ppb	41	18	43.9	42	350	180	4,000	220	120	320	80	150	120	G/Ln	NP
Diethyl phthalate	84-66-2	ppb	40	1	2.5	130	130	170	4,000	290	--	320	--	210	190	--	--
Dimethylphthalate	131-11-3	ppb	40	0	0	--	--	170	4,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	40	9	22.5	82	730	170	4,000	270	150	320	120	200	180	G/Ln	NP
Di-n-Octylphthalate	117-84-0	ppb	40	27	67.5	49	1,800	180	4,000	430	350	400	320	310	330	G/Ln	G/Ln
Fluoranthene	206-44-0	ppb	68	68	100	450	73,000	--	--	6,300	6,300	9,600	9,600	4,100	4,400	Ln	Ln
Fluorene	86-73-7	ppb	68	68	100	22	5,800	--	--	410	410	860	860	210	190	NP	NP
Hexachlorobenzene	118-74-1	ppb	40	1	2.5	50	50	97	4,000	270	--	320	--	190	180	--	--
Hexachlorobutadiene	87-68-3	ppb	40	0	0	--	--	170	4,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	40	0	0	--	--	170	7,900	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	40	0	0	--	--	97	4,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	68	68	100	170	15,000	--	--	2,100	2,100	2,000	2,000	1,600	1,800	G/Ln	G/Ln
Isophorone	78-59-1	ppb	40	1	2.5	140	140	170	4,000	290	--	320	--	210	190	--	--
Naphthalene	91-20-3	ppb	68	67	98.5	66	4,000	750	750	650	650	680	670	440	500	Ln	NP
Nitrobenzene	98-95-3	ppb	40	0	0	--	--	97	4,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	40	0	0	--	--	97	4,000	--	--	--	--	--	--	--	--

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
N-Nitrosodiphenylamine	86-30-6	ppb	40	3	7.5	140	570	170	4,000	290	--	330	--	210	200	--	--
Pentachlorophenol	87-86-5	ppb	40	1	2.5	370	370	330	10,000	670	--	850	--	450	410	--	--
Phenanthrene	85-01-8	ppb	68	68	100	150	69,000	--	--	3,400	3,400	8,600	8,600	1,700	1,700	NP	NP
Phenol	108-95-2	ppb	40	0	0	--	--	170	4,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb	68	68	100	490	77,000	--	--	6,500	6,500	10,000	10,000	4,200	4,500	Ln	Ln
Total HMW PAHs-SVOC	No CAS	ppb	43	43	100	7,500	150,000	--	--	29,000	29,000	25,000	25,000	23,000	21,000	Ln	Ln
Total LMW PAHs-SVOC	No CAS	ppb	57	57	100	450	35,000	--	--	4,400	4,400	4,900	4,900	3,200	3,100	NP	NP
TOTAL PAHs - SVOC	No CAS	ppb	43	43	100	8,200	190,000	--	--	33,000	33,000	31,000	31,000	26,000	23,000	Ln	Ln
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	10	10	100	1,200	4,700	--	--	2,700	2,700	1,100	1,100	2,500	2,600	N/G/Ln	N/G/Ln
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	ppb	20	2	10	1.1	2.6	0.97	3.8	1.1	--	0.49	--	1.00	0.93	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	20	19	95	0.48	8.5	0.97	0.97	2.8	2.8	2.0	1.9	2.1	2.5	N/G/Ln	N/G/Ln
1,2-Dichlorobenzene	95-50-1	ppb	20	18	90	0.23	4.0	0.97	1.4	1.8	1.8	1.1	1.1	1.4	1.9	N/G	N/G/Ln
1,2-Dichloroethane	107-06-2	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb	20	15	75	0.33	2.3	0.97	1.9	1.0	1.1	0.55	0.54	0.91	0.89	N/G/Ln	N/G/Ln
1,4-Dichlorobenzene	106-46-7	ppb	20	16	80	0.68	5.5	0.97	1.8	2.3	2.3	1.5	1.4	1.8	2.0	N/G	NP
2-Butanone	78-93-3	ppb	1	1	100	3.5	3.5	--	--	--	--	--	--	--	3.5	--	--
2-Hexanone	591-78-6	ppb	20	0	0	--	--	20	78	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb	20	8	40	2.7	9.8	20	78	15	4.4	11	2.2	10	13	G/Ln	NP
Acetone	67-64-1	ppb	20	0	0	--	--	20	78	--	--	--	--	--	--	--	--
Benzene	71-43-2	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
Bromodichloromethane	75-27-4	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb	20	17	85	0.27	1.7	0.97	2.9	0.75	0.70	0.42	0.38	0.65	0.61	G/Ln	G/Ln
Carbon Tetrachloride	56-23-5	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb	20	6	30	0.29	1.1	0.97	3.8	0.85	0.61	0.39	0.30	0.77	0.80	N/G/Ln	N/G/Ln
Chloroethane	75-00-3	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb	20	4	20	0.16	0.66	0.97	3.8	0.85	--	0.42	--	0.74	0.77	--	--
Methylene Chloride	75-09-2	ppb	20	0	0	--	--	9.7	39	--	--	--	--	--	--	--	--
Styrene	100-42-5	ppb	20	1	5	0.39	0.39	0.97	3.8	0.96	--	0.36	--	0.89	0.90	--	--
Tetrachloroethene	127-18-4	ppb	20	11	55	0.58	3.2	0.97	3.8	1.2	1.2	0.64	0.60	1.1	0.92	N/G/Ln	G/Ln
Toluene	108-88-3	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	10061-02-6	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb	20	5	25	0.32	2.1	0.97	3.8	0.97	0.62	0.47	0.44	0.86	0.88	G/Ln	G
Vinyl Chloride	75-01-4	ppb	20	0	0	--	--	0.97	3.9	--	--	--	--	--	--	--	--

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Mid-depth (0.5 - 3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	65	0	0	--	--	12	35	--	--	--	--	--	--	--	--
2,4,5-TP (Silvex)	93-72-1	ppb	64	2	3.1	3.3	4.5	12	35	11	--	2.2	--	11	12	--	--
2,4-D	94-75-7	ppb	64	0	0	--	--	48	140	--	--	--	--	--	--	--	--
2,4-DB	94-82-6	ppb	65	0	0	--	--	48	140	--	--	--	--	--	--	--	--
Organotins																	
Dibutyltin	1191-48-6	ppb	82	73	89	0.42	240	1.3	2.2	68	68	55	54	36	54	NP	NP
Monobutyltin	78763-54-9	ppb	82	73	89	0.80	110	1.3	2.2	30	30	24	24	17	25	N	N
Tetrabutyltin	1461-25-2	ppb	82	35	42.7	1.1	19	1.3	13	2.9	2.8	3.3	3.1	2.0	1.4	NP	NP
Tributyltin	688-73-3	ppb	82	72	87.8	1.6	430	1.3	2.2	38	39	52	52	20	27	NP	NP
Arclor PCBs																	
Aroclor-1016	12674-11-2	ppb	63	0	0	--	--	0.50	53	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	63	0	0	--	--	0.50	53	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	63	0	0	--	--	0.50	53	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	63	56	88.9	16	6,200	0.50	0.89	630	630	1,100	1,100	170	250	NP	NP
Aroclor-1248	12672-29-6	ppb	63	0	0	--	--	0.50	53	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb	63	56	88.9	12	2,900	0.50	0.89	410	410	550	540	140	270	NP	NP
Aroclor-1260	11096-82-5	ppb	63	56	88.9	6.8	2,000	0.50	0.89	220	220	330	330	78	140	NP	NP
Aroclor-1262	37324-23-5	ppb	63	0	0	--	--	0.50	53	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	63	0	0	--	--	0.50	53	--	--	--	--	--	--	--	--
Total Aroclor PCBs	No CAS	ppb	63	56	88.9	35	9,700	0.50	0.89	1,300	1,300	1,900	1,900	350	670	NP	NP
Pesticides																	
2,4'-DDD	53-19-0	ppb	116	105	90.5	0.0062	62	0.014	87	12	12	11	11	5.9	12	NP	NP
2,4'-DDE	3424-82-6	ppb	116	85	73.3	0.0087	130	0.0033	17	9.4	9.2	17	17	3.6	4.7	NP	NP
2,4'-DDT	789-02-6	ppb	116	98	84.5	0.0043	100	0.0028	72	6.2	5.9	13	12	1.2	1.1	NP	Ln
4,4'-DDD	72-54-8	ppb	116	111	95.7	0.021	610	0.040	2.6	34	34	60	59	14	18	G	NP
4,4'-DDE	72-55-9	ppb	115	111	96.5	0.036	620	0.0046	2.6	59	59	91	90	21	27	NP	NP
4,4'-DDT	50-29-3	ppb	116	99	85.3	0.0087	220	0.0033	91	16	16	32	31	4.5	6.3	Ln	Ln
Aldrin	309-00-2	ppb	116	69	59.5	0.0	23	0.0023	6.5	1.0	0.71	2.2	2.2	0.30	0.55	NP	NP
Alpha-BHC	319-84-6	ppb	116	58	50	0.0064	15	0.0015	6.5	0.70	0.26	1.5	1.4	0.18	0.13	Ln	NP
Alpha-Chlordane	5103-71-9	ppb	116	100	86.2	0.024	85	0.047	19	16	16	17	17	6.0	8.9	G	NP
Beta-BHC	319-85-7	ppb	116	70	60.3	0.0021	8.6	0.030	7.5	0.79	0.39	1.2	1.0	0.26	0.20	NP	NP
Delta-BHC	319-86-8	ppb	115	47	40.9	0.0048	5.2	0.0017	30	0.67	0.14	1.6	0.66	0.089	0.055	NP	NP
Dieldrin	60-57-1	ppb	116	88	75.9	0.031	90	0.052	48	4.9	4.4	10	10	1.7	1.6	Ln	Ln
Endosulfan I	959-98-8	ppb	115	8	7	0.64	6.7	0.0035	6.5	0.66	0.83	1.2	0.87	0.12	0.075	N/G/Ln	NP
Endosulfan II	33213-65-9	ppb	116	24	20.7	0.0078	9.8	0.0053	8.3	0.87	0.39	1.3	1.2	0.26	0.25	G/Ln	NP
Endosulfan Sulfate	1031-07-8	ppb	114	21	18.4	0.011	0.62	0.00050	6.5	0.54	0.054	0.80	0.11	0.068	0.033	G/Ln	NP
Endrin	72-20-8	ppb	116	9	7.8	0.12	8.3	0.0021	12	0.79	0.40	1.5	1.3	0.10	0.050	N/G/Ln	NP
Endrin Aldehyde	7421-93-4	ppb	116	3	2.6	0.025	9.7	0.0029	6.5	0.59	--	1.2	--	0.092	0.055	--	--
Endrin Ketone	53494-70-5	ppb	115	20	17.4	0.0014	0.56	0.0074	76	0.97	0.045	3.7	0.10	0.11	0.055	G/Ln	NP
Gamma-BHC (Lindane)	58-89-9	ppb	116	33	28.4	0.028	4.9	0.0045	8.6	0.68	0.26	1.1	0.74	0.13	0.088	NP	NP
Gamma-Chlordane	5566-34-7	ppb	96	84	87.5	0.029	82	0.18	4.7	17	16	16	16	7.5	12	G	NP
Heptachlor	76-44-8	ppb	116	63	54.3	0.0	0.82	0.0015	8.9	0.56	0.098	0.84	0.16	0.12	0.10	NP	NP
Heptachlor Epoxide	1024-57-3	ppb	116	94	81	0.0027	24	0.00059	51	2.2	1.9	4.5	4.0	0.30	0.25	NP	NP
Hexachlorobenzene	118-74-1	ppb	112	95	84.8	0.062	75	0.0036	6.3	4.9	4.8	10	10	2.0	2.2	Ln	Ln
Methoxychlor	72-43-5	ppb	116	27	23.3	0.059	17	0.0019	45	1.9	1.1	3.6	3.0	0.45	0.63	G/Ln	NP
Total Alpha + Gamma Chlordane	No CAS	ppb	69	64	92.8	0.053	170	0.025	0.26	36	36	36	36	12	22	G	NP

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Total DDT (2,4 & 4,4)	No CAS	ppb	4	4	100	140	900	--	--	360	360	360	360	260	210	--	--
Total DDT (2,4)	No CAS	ppb	4	4	100	31	55	--	--	45	45	10	10	44	47	--	--
Total DDT (4,4)	No CAS	ppb	115	112	97.4	0.021	850	1.3	2.6	110	110	130	130	42	57	G	NP
Toxaphene	8001-35-2	ppb	96	1	1	370	370	0.17	1,700	110	--	160	--	11	7.5	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb	85	0	0	--	--	330	19,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	85	0	0	--	--	330	19,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	85	0	0	--	--	820	48,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	104	88	84.6	24	2,200	170	9,800	470	340	820	450	220	230	Ln	Ln
2-Methylphenol	95-48-7	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	85	0	0	--	--	330	19,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	85	0	0	--	--	330	19,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	85	0	0	--	--	330	19,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
4-Nitroaniline	100-01-6	ppb	85	0	0	--	--	330	19,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	85	0	0	--	--	330	19,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	104	93	89.4	0.47	3,800	170	9,800	540	390	920	600	210	210	G	NP
Acenaphthylene	208-96-8	ppb	104	97	93.3	0.38	2,000	170	9,800	480	330	770	270	260	290	NP	NP
Acetophenone	98-86-2	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
Anthracene	120-12-7	ppb	104	99	95.2	0.98	7,300	170	9,800	1,100	990	1,300	1,200	560	650	NP	NP
Atrazine	1912-24-9	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb	85	38	44.7	24	220	170	9,800	550	96	1,000	36	200	110	N/G/Ln	NP
Benzo(a)anthracene	56-55-3	ppb	104	101	97.1	1.6	11,000	170	9,800	2,200	2,200	1,700	1,700	1,500	2,100	NP	NP
Benzo(a)pyrene	50-32-8	ppb	104	102	98.1	8.6	7,900	170	170	2,500	2,500	1,600	1,600	1,800	2,200	NP	NP
Benzo(b)fluoranthene	205-99-2	ppb	104	100	96.2	4.8	11,000	170	9,800	2,600	2,600	1,700	1,700	1,900	2,400	NP	NP
Benzo(g,h,i)perylene	191-24-2	ppb	104	100	96.2	2.3	4,700	170	9,800	1,600	1,600	1,000	960	1,200	1,500	NP	NP
Benzo(k)fluoranthene	207-08-9	ppb	104	100	96.2	1.8	6,400	170	9,800	2,000	2,000	1,400	1,400	1,400	1,700	NP	NP
Biphenyl	92-52-4	ppb	85	7	8.2	32	100	170	9,800	570	53	1,000	23	240	200	N/G/Ln	NP
bis(2-Chloroethoxy)methane	111-91-1	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	85	77	90.6	96	260,000	170	540	31,000	31,000	59,000	58,000	7,300	8,100	NP	NP
Butyl benzyl phthalate	85-68-7	ppb	85	48	56.5	64	1,600	170	9,800	600	220	1,000	200	280	220	Ln	NP
Caprolactam	105-60-2	ppb	85	1	1.2	2,300	2,300	170	9,800	670	--	1,100	--	290	200	--	--
Carbazole	86-74-8	ppb	85	36	42.4	46	1,200	170	9,800	580	140	1,000	140	240	180	NP	NP
Chrysene	218-01-9	ppb	104	101	97.1	3.2	11,000	170	9,800	2,900	2,900	2,100	2,100	1,900	2,600	NP	NP

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Dibenzo(a,h)anthracene	53-70-3	ppb	104	99	95.2	0.56	7,500	170	9,800	610	520	1,000	830	330	420	NP	NP
Dibenzofuran	132-64-9	ppb	85	16	18.8	51	440	170	9,800	570	90	1,000	68	230	190	NP	NP
Diethyl phthalate	84-66-2	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	85	1	1.2	210	210	170	9,800	580	--	1,000	--	250	200	--	--
Di-n-Butylphthalate	84-74-2	ppb	85	8	9.4	61	120	170	9,800	580	80	1,000	17	240	200	N/G/Ln	NP
Di-n-Octylphthalate	117-84-0	ppb	85	57	67.1	86	16,000	170	5,900	1,100	1,100	2,300	2,300	430	310	NP	NP
Fluoranthene	206-44-0	ppb	104	102	98.1	5.7	24,000	170	170	4,300	4,300	3,500	3,500	2,800	4,000	NP	NP
Fluorene	86-73-7	ppb	104	94	90.4	1.3	2,500	170	9,800	500	350	820	410	220	260	G	NP
Hexachlorobenzene	118-74-1	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
Hexachlorobutadiene	87-68-3	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	84	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	104	100	96.2	1.8	8,700	170	9,800	1,600	1,500	1,200	1,100	1,100	1,400	NP	NP
Isophorone	78-59-1	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	104	93	89.4	18	2,300	170	9,800	720	580	830	510	450	470	G/Ln	Ln
Nitrobenzene	98-95-3	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	85	0	0	--	--	170	9,800	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	85	7	8.2	43	260	170	9,800	570	79	1,000	49	240	190	N/G/Ln	NP
Pentachlorophenol	87-86-5	ppb	85	1	1.2	270	270	330	19,000	1,100	--	2,000	--	500	380	--	--
Phenanthrene	85-01-8	ppb	104	101	97.1	4.4	17,000	170	8,300	2,100	2,100	2,400	2,300	1,200	1,500	G	NP
Phenol	108-95-2	ppb	85	2	2.4	120	510	170	9,800	580	--	1,000	--	250	190	--	--
Pyrene	129-00-0	ppb	104	102	98.1	4.6	20,000	170	170	4,200	4,200	3,000	3,000	2,900	4,000	NP	NP
Total HMW PAHs-SVOC	No CAS	ppb	90	87	96.7	120	99,000	170	170	20,000	20,000	14,000	14,000	14,000	18,000	NP	NP
Total LMW PAHs-SVOC	No CAS	ppb	90	81	90	150	20,000	170	8,700	3,000	3,000	3,100	3,100	1,900	2,100	NP	NP
TOTAL PAHs - SVOC	No CAS	ppb	90	87	96.7	120	120,000	170	170	23,000	23,000	17,000	17,000	16,000	21,000	NP	NP
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	20	20	100	25	7,600	--	--	3,100	3,100	2,500	2,500	1,700	2,700	N/G	N/G
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	ppb	21	1	4.8	2.4	2.4	1.1	3.7	1.4	--	0.41	--	1.3	1.4	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	21	1	4.8	1.5	1.5	1.1	3.7	1.3	--	0.33	--	1.3	1.4	--	--
1,2-Dichlorobenzene	95-50-1	ppb	21	14	66.7	0.91	13	1.1	3.2	2.6	2.6	2.9	2.8	1.8	1.5	G/Ln	NP
1,2-Dichloroethane	107-06-2	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb	21	16	76.2	1.2	16	1.1	3.1	3.3	3.4	3.9	3.8	2.2	2.2	NP	Ln
1,4-Dichlorobenzene	106-46-7	ppb	21	17	81	0.53	26	1.1	3.1	6.3	6.2	6.9	6.7	3.8	4.8	NP	Ln
2-Butanone	78-93-3	ppb	21	21	100	2.1	150	--	--	72	72	49	49	47	75	N/G	N/G
2-Hexanone	591-78-6	ppb	21	1	4.8	4.9	4.9	22	74	25	--	8.4	--	23	27	--	--
4-Methyl-2-pentanone	108-10-1	ppb	21	10	47.6	2.0	10	22	74	18	6.3	13	2.5	13	11	N/G/Ln	N
Acetone	67-64-1	ppb	21	20	95.2	42	660	30	30	300	310	200	200	220	320	N/G/Ln	N
Benzene	71-43-2	ppb	21	15	71.4	0.47	80	1.1	3.2	9.1	9.0	17	17	3.1	3.3	G/Ln	Ln
Bromodichloromethane	75-27-4	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb	21	0	0	--	--	1.1	7.6	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb	21	21	100	1.5	33	--	--	7.4	7.4	7.0	7.0	5.5	4.8	G/Ln	G/Ln
Carbon Tetrachloride	56-23-5	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Chlorobenzene	108-90-7	ppb	21	17	81	0.92	28	1.1	1.8	4.4	4.4	6.5	6.3	2.4	2.2	NP	NP
Chloroethane	75-00-3	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb	21	1	4.8	0.43	0.43	1.1	3.7	1.3	--	0.40	--	1.2	1.4	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb	21	14	66.7	0.37	4.4	1.1	3.2	1.3	1.2	1.1	1.1	1.0	0.84	Ln	NP
Methylene Chloride	75-09-2	ppb	21	1	4.8	7.4	7.4	11	37	13	--	3.5	--	12	14	--	--
Styrene	100-42-5	ppb	21	3	14.3	0.49	2.0	1.1	3.7	1.3	--	0.41	--	1.2	1.4	--	--
Tetrachloroethene	127-18-4	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb	21	5	23.8	0.30	12	1.1	3.7	1.9	1.5	2.4	2.5	1.4	1.4	N/G/Ln	NP
trans-1,3-Dichloropropene	10061-02-6	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb	21	0	0	--	--	1.1	3.7	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb	21	6	28.6	0.38	0.74	1.1	3.5	1.1	0.61	0.42	0.13	0.97	1.1	N/G/Ln	NP
Subsurface (>3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	126	0	0	--	--	11	27	--	--	--	--	--	--	--	--
2,4,5-TP (Silvex)	93-72-1	ppb	127	1	0.8	2.8	2.8	11	27	9.4	--	1.9	--	9.2	10	--	--
2,4-D	94-75-7	ppb	126	0	0	--	--	44	110	--	--	--	--	--	--	--	--
2,4-DB	94-82-6	ppb	124	2	1.6	44	120	44	110	38	--	10	--	37	40	--	--
Organotins																	
Dibutyltin	1191-48-6	ppb	127	89	70.1	0.57	260	1.1	9.4	57	57	61	60	14	56	NP	NP
Monobutyltin	78763-54-9	ppb	127	88	69.3	0.40	120	1.1	9.4	26	26	28	28	8.3	21	N	NP
Tetrabutyltin	1461-25-2	ppb	127	73	57.5	1.4	44	1.1	12	3.9	4.1	5.5	5.3	2.3	2.1	Ln	Ln
Tributyltin	688-73-3	ppb	127	84	66.1	0.56	130	1.1	9.4	28	28	29	29	8.6	24	NP	NP
Arclor PCBs																	
Aroclor-1016	12674-11-2	ppb	131	0	0	--	--	0.45	780	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	131	0	0	--	--	0.45	780	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	131	0	0	--	--	0.45	780	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	131	97	74	0.29	88,000	0.45	36	1,500	1,500	7,900	7,900	52	230	NP	NP
Aroclor-1248	12672-29-6	ppb	131	0	0	--	--	0.45	780	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb	131	101	77.1	0.24	16,000	0.45	9.4	640	640	1,900	1,900	50	240	NP	NP
Aroclor-1260	11096-82-5	ppb	131	96	73.3	0.28	5,800	0.45	67	260	260	810	800	26	110	NP	NP
Aroclor-1262	37324-23-5	ppb	131	0	0	--	--	0.45	780	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	131	0	0	--	--	0.45	780	--	--	--	--	--	--	--	--
Total Aroclor PCBs	No CAS	ppb	131	105	80.2	0.24	110,000	0.45	2.3	2,400	2,400	10,000	10,000	110	600	NP	NP
Pesticides																	
2,4'-DDD	53-19-0	ppb	150	120	80	0.0015	780	0.0017	19	33	33	99	98	2.8	8.6	NP	NP
2,4'-DDE	3424-82-6	ppb	150	119	79.3	0.0076	800	0.0015	6.9	36	36	100	100	3.2	7.7	NP	NP
2,4'-DDT	789-02-6	ppb	150	99	66	0.0035	220	0.0023	36	16	15	33	33	1.0	1.3	G	NP
4,4'-DDD	72-54-8	ppb	150	129	86	0.0038	1,700	0.0019	35	78	77	220	220	5.2	18	NP	NP
4,4'-DDE	72-55-9	ppb	150	129	86	0.0067	2,500	0.0056	26	130	130	310	310	11	34	G	NP
4,4'-DDT	50-29-3	ppb	150	108	72	0.0087	950	0.0051	47	26	25	94	94	3.1	5.6	NP	NP
Aldrin	309-00-2	ppb	149	61	40.9	0.0012	29	0.0010	22	1.2	0.54	3.2	3.0	0.18	0.24	Ln	NP
Alpha-BHC	319-84-6	ppb	141	71	50.4	0.0019	20	0.00087	8.0	0.73	0.40	1.9	1.8	0.14	0.16	Ln	Ln
Alpha-Chlordane	5103-71-9	ppb	150	112	74.7	0.015	86	0.0013	5.0	13	13	19	19	1.7	3.8	G	NP
Beta-BHC	319-85-7	ppb	137	70	51.1	0.0064	46	0.0014	5.3	1.5	1.2	4.8	4.8	0.25	0.25	NP	Ln
Delta-BHC	319-86-8	ppb	150	47	31.3	0.0025	13	0.0012	7.5	0.77	0.28	1.3	1.1	0.14	0.15	Ln	NP
Dieldrin	60-57-1	ppb	150	103	68.7	0.015	1,000	0.0073	18	13	13	82	82	0.99	1.3	Ln	NP

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Endosulfan I	959-98-8	ppb	150	14	9.3	0.0088	8.2	0.0044	18	1.0	0.37	1.6	1.3	0.26	0.28	N/G	NP
Endosulfan II	33213-65-9	ppb	150	11	7.3	0.0043	11	0.0045	14	1.1	0.31	1.7	1.5	0.31	0.49	G/Ln	NP
Endosulfan Sulfate	1031-07-8	ppb	150	6	4	0.50	4.0	0.00033	5.3	0.74	0.58	0.87	0.43	0.11	0.32	N/G/Ln	NP
Endrin	72-20-8	ppb	150	19	12.7	0.0023	11	0.0019	73	1.5	0.47	3.7	1.6	0.20	0.30	G	NP
Endrin Aldehyde	7421-93-4	ppb	150	7	4.7	0.0031	8.5	0.0029	17	0.92	0.17	1.4	0.99	0.21	0.31	N/G/Ln	NP
Endrin Ketone	53494-70-5	ppb	148	28	18.9	0.015	20	0.00086	40	1.6	0.63	2.9	2.1	0.28	0.47	G/Ln	NP
Gamma-BHC (Lindane)	58-89-9	ppb	141	23	16.3	0.041	32	0.0015	10	1.4	0.79	3.8	3.8	0.21	0.41	Ln	NP
Gamma-Chlordane	5566-34-7	ppb	150	109	72.7	0.021	130	0.0083	5.0	15	15	23	23	2.3	4.8	G	NP
Heptachlor	76-44-8	ppb	150	38	25.3	0.0088	36	0.00034	73	1.6	0.72	5.0	4.1	0.11	0.079	NP	NP
Heptachlor Epoxide	1024-57-3	ppb	150	73	48.7	0.0088	61	0.00048	23	3.5	3.2	8.3	8.4	0.21	0.22	NP	NP
Hexachlorobenzene	118-74-1	ppb	136	97	71.3	0.037	750	0.0032	5.0	19	19	92	91	1.2	1.7	NP	Ln
Methoxychlor	72-43-5	ppb	150	65	43.3	0.0030	160	0.00071	11	3.8	3.4	16	16	0.63	1.3	NP	NP
Total Alpha + Gamma Chlordane	No CAS	ppb	145	110	75.9	0.026	200	0.0046	0.72	28	28	41	41	2.2	7.6	NP	NP
Total DDT (2,4 & 4,4)	No CAS	ppb	14	14	100	9.7	2,100	--	--	500	500	630	630	270	270	G/Ln	G/Ln
Total DDT (2,4)	No CAS	ppb	14	14	100	9.7	730	--	--	200	200	210	210	130	150	G/Ln	G/Ln
Total DDT (4,4)	No CAS	ppb	150	140	93.3	0.0038	4,300	0.010	5.8	230	230	560	560	17	64	NP	NP
Toxaphene	8001-35-2	ppb	150	0	0	--	--	0.13	4,100	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb	132	0	0	--	--	330	20,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	132	2	1.5	110,000	230,000	330	16,000	4,000	--	22,000	--	680	530	--	--
2,4-Dinitrophenol	51-28-5	ppb	132	0	0	--	--	820	50,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	156	113	72.4	8.1	7,200	0.93	6,600	950	920	1,300	1,300	310	260	NP	NP
2-Methylphenol	95-48-7	ppb	132	1	0.8	9,800	9,800	170	10,000	830	--	1,300	--	340	270	--	--
2-Nitroaniline	88-74-4	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	132	0	0	--	--	330	20,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	132	0	0	--	--	330	20,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	132	0	0	--	--	330	20,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	132	6	4.5	190	140,000	170	8,300	1,900	1,300	12,000	12,000	350	270	G/Ln	NP
4-Nitroaniline	100-01-6	ppb	132	0	0	--	--	330	20,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	132	0	0	--	--	330	20,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	156	127	81.4	0.98	28,000	1.9	6,600	1,000	1,000	3,000	3,000	220	230	NP	NP
Acenaphthylene	208-96-8	ppb	156	133	85.3	0.18	2,300	0.19	6,600	420	390	500	420	140	280	NP	NP
Acetophenone	98-86-2	ppb	133	2	1.5	73	93	170	10,000	780	--	1,100	--	330	260	--	--
Anthracene	120-12-7	ppb	156	141	90.4	0.33	22,000	170	6,600	1,900	1,900	3,100	3,100	370	750	NP	NP
Atrazine	1912-24-9	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb	133	18	13.5	38	130	170	10,000	770	100	1,100	23	310	220	N/G	NP

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Benzo(a)anthracene	56-55-3	ppb	156	131	84	2.1	16,000	1.1	170	2,400	2,400	2,700	2,700	780	1,600	NP	NP
Benzo(a)pyrene	50-32-8	ppb	156	139	89.1	0.49	12,000	0.31	170	2,400	2,400	2,400	2,400	790	1,900	NP	NP
Benzo(b)fluoranthene	205-99-2	ppb	156	135	86.5	0.32	9,600	0.026	6,600	2,200	2,200	2,000	2,000	670	1,900	NP	NP
Benzo(g,h,i)perylene	191-24-2	ppb	156	129	82.7	2.0	6,400	0.60	6,600	1,300	1,300	1,200	1,200	520	1,100	NP	N
Benzo(k)fluoranthene	207-08-9	ppb	156	137	87.8	0.29	9,300	0.034	6,600	2,200	2,200	2,200	2,200	610	1,500	NP	NP
Biphenyl	92-52-4	ppb	132	17	12.9	32	29,000	170	8,300	1,000	430	2,900	2,800	310	200	NP	NP
bis(2-Chloroethoxy)methane	111-91-1	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	133	102	76.7	68	290,000	170	860	46,000	46,000	69,000	69,000	5,000	9,600	G	NP
Butyl benzyl phthalate	85-68-7	ppb	132	29	22	70	17,000	170	10,000	890	450	1,800	1,600	340	260	Ln	NP
Caprolactam	105-60-2	ppb	132	1	0.8	1,300	1,300	170	10,000	780	--	1,100	--	340	270	--	--
Carbazole	86-74-8	ppb	133	27	20.3	46	580	170	10,000	790	150	1,100	120	330	280	N/G/Ln	NP
Chrysene	218-01-9	ppb	156	135	86.5	0.81	17,000	1.2	170	3,100	3,100	3,400	3,400	850	1,900	NP	NP
Dibenzo(a,h)anthracene	53-70-3	ppb	156	128	82.1	0.88	4,500	0.18	6,600	470	440	540	490	200	370	NP	NP
Dibenzofuran	132-64-9	ppb	133	26	19.5	48	1,100	170	10,000	810	180	1,100	210	350	340	G	NP
Diethyl phthalate	84-66-2	ppb	132	3	2.3	100	7,100	170	10,000	800	--	1,200	--	330	260	--	--
Dimethylphthalate	131-11-3	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	133	8	6	64	500,000	170	8,300	6,100	5,500	47,000	47,000	350	270	NP	NP
Di-n-Octylphthalate	117-84-0	ppb	133	71	53.4	37	21,000	170	14,000	2,100	1,900	4,000	4,000	570	500	Ln	Ln
Fluoranthene	206-44-0	ppb	156	134	85.9	1.6	34,000	2.7	170	5,100	5,100	5,900	5,900	1,400	3,100	NP	NP
Fluorene	86-73-7	ppb	156	137	87.8	1.0	27,000	2.5	6,600	1,300	1,300	3,000	3,000	210	280	G	NP
Hexachlorobenzene	118-74-1	ppb	132	1	0.8	240	240	170	10,000	790	--	1,100	--	330	260	--	--
Hexachlorobutadiene	87-68-3	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	129	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	156	129	82.7	2.2	6,600	0.60	6,600	1,400	1,400	1,300	1,300	510	1,000	NP	NP
Isophorone	78-59-1	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	156	123	78.8	7.8	32,000	1.9	6,600	3,200	3,200	5,800	5,800	610	630	NP	Ln
Nitrobenzene	98-95-3	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	132	0	0	--	--	170	10,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	132	7	5.3	46	1,200	170	10,000	790	93	1,100	190	340	280	N/G/Ln	NP
Pentachlorophenol	87-86-5	ppb	132	2	1.5	260	260	330	20,000	1,500	--	2,200	--	660	530	--	--
Phenanthrene	85-01-8	ppb	156	130	83.3	3.0	65,000	5.4	170	4,500	4,500	7,900	7,900	950	1,600	G	NP
Phenol	108-95-2	ppb	132	4	3	160	52,000	170	10,000	1,100	--	4,600	--	340	260	--	--
Pyrene	129-00-0	ppb	156	135	86.5	2.2	30,000	5.7	170	4,700	4,700	5,300	5,300	1,300	3,200	NP	NP
Total HMW PAHs-SVOC	No CAS	ppb	151	129	85.4	33	140,000	170	170	22,000	22,000	25,000	25,000	5,900	15,000	NP	NP
Total LMW PAHs-SVOC	No CAS	ppb	151	112	74.2	44	160,000	170	0,000,00	180,000	9,700	2,000,000	21,000	1,900	2,100	NP	NP
TOTAL PAHs - SVOC	No CAS	ppb	151	129	85.4	33	280,000	170	170	32,000	32,000	44,000	44,000	7,000	17,000	NP	NP
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb	21	0	0	--	--	0.88	110	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb	21	0	0	--	--	0.88	110	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb	21	0	0	--	--	0.88	110	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb	21	2	9.5	0.56	320	0.88	3.0	16	--	70	--	1.1	0.90	--	--
1,1-Dichloroethene	75-35-4	ppb	21	1	4.8	68	68	0.88	3.0	4.1	--	15	--	1.0	0.90	--	--
1,2,3-Trichlorobenzene	87-61-6	ppb	20	1	5	140	140	0.88	3.0	7.9	--	31	--	1.1	0.93	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	20	2	10	0.74	700	0.88	3.0	36	--	160	--	1.1	0.85	--	--
1,2-Dichlorobenzene	95-50-1	ppb	20	7	35	1.9	980	0.88	3.0	52	53	220	210	2.0	0.93	Ln	NP
1,2-Dichloroethane	107-06-2	ppb	21	1	4.8	300	300	0.88	3.0	15	--	65	--	1.1	0.90	--	--
1,2-Dichloropropane	78-87-5	ppb	21	1	4.8	25	25	0.88	3.0	2.0	--	5.3	--	0.98	0.90	--	--
1,3-Dichlorobenzene	541-73-1	ppb	20	10	50	0.18	140	0.94	2.4	13	13	32	32	2.2	1.0	G/Ln	Ln

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
1,4-Dichlorobenzene	106-46-7	ppb	20	12	60	0.23	660	0.94	2.4	47	47	150	140	2.9	1.0	G/Ln	NP
2-Butanone	78-93-3	ppb	16	16	100	2.6	480	--	--	92	92	120	120	43	44	G/Ln	G/Ln
2-Hexanone	591-78-6	ppb	21	2	9.5	6.7	16	18	4,300	120	--	470	--	19	16	--	--
4-Methyl-2-pentanone	108-10-1	ppb	21	7	33.3	1.9	9.7	18	4,300	110	4.9	470	2.4	13	11	N/G/Ln	NP
Acetone	67-64-1	ppb	21	16	76.2	25	1,000	19	23	250	250	300	290	99	150	G/Ln	N/Ln
Benzene	71-43-2	ppb	21	12	57.1	0.33	340	0.94	2.4	29	29	74	73	3.2	0.77	G/Ln	NP
Bromodichloromethane	75-27-4	ppb	21	0	0	--	--	0.88	110	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb	21	0	0	--	--	0.88	110	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb	21	2	9.5	0.42	91	0.88	7.4	5.3	--	20	--	1.1	0.90	--	--
Carbon Disulfide	75-15-0	ppb	21	18	85.7	0.36	370	1.1	3.0	23	23	80	78	3.4	3.6	Ln	Ln
Carbon Tetrachloride	56-23-5	ppb	21	0	0	--	--	0.88	110	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb	21	10	47.6	0.96	410	0.88	2.4	27	28	89	86	2.8	0.96	Ln	Ln
Chloroethane	75-00-3	ppb	21	0	0	--	--	0.88	110	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb	21	1	4.8	1,300	1,300	0.88	3.0	63	--	280	--	1.2	0.90	--	--
Chloromethane	74-87-3	ppb	21	0	0	--	--	0.88	110	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb	21	0	0	--	--	0.88	110	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb	21	0	0	--	--	0.88	110	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb	21	13	61.9	0.062	940	0.94	2.6	56	55	200	200	1.6	0.71	Ln	NP
Methylene Chloride	75-09-2	ppb	21	1	4.8	42,000	42,000	8.8	30	2,000	--	9,200	--	12	9.0	--	--
Styrene	100-42-5	ppb	21	1	4.8	0.19	0.19	0.88	110	3.4	--	12	--	0.94	0.90	--	--
Tetrachloroethene	127-18-4	ppb	20	1	5	1,200	1,200	0.88	3.0	61	--	270	--	1.2	0.93	--	--
Toluene	108-88-3	ppb	21	11	52.4	0.46	8,600	0.88	3.0	410	410	1,900	1,800	2.0	0.95	NP	NP
trans-1,3-Dichloropropene	10061-02-6	ppb	21	0	0	--	--	0.88	110	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb	21	1	4.8	4,000	4,000	0.88	3.0	190	--	870	--	1.2	0.90	--	--
Vinyl Chloride	75-01-4	ppb	21	5	23.8	0.25	620	0.88	3.0	30	30	140	130	0.93	0.60	NP	NP

Table D-7
Summary Statistics
2-Mile Extended Area Beyond the Newark Bay Study Area - Passaic River

Abbreviations:

-- not applicable due to frequency of detection
1/2 DL = half the detection limit (e.g., sample reporting limit)
CAS = Chemical Abstracts Service
FOD = frequency of detection (detects / total)
ft bss = feet below sediment surface
GM = geometric mean
GOF = goodness-of-fit
HMW = high-molecular weight
KM = Kaplan-Meier
LMW = low-molecular weight
Max = maximum
Min = minimum
ND = nondetect
PAH = polynuclear aromatic hydrocarbon
PBDE = polybrominated diphenyl ether
PCB = polychlorinated biphenyls
ppb = parts per billion
ppm = parts per million
ppt = parts per trillion
ROS = regression on ordered statistics
SD = standard deviation
SVOC = semivolatile organic compound
TPH = total petroleum hydrocarbon

Notes:

[1] Total concentrations are based on the sum of detected observations; therefore statistics for totals are based on detected observations.

[2] KM and GOF statistics generated using USEPA ProUCL (v. 4.1.01) software (USEPA, 2011). Remaining statistics generated in MS Access 2010.

[3] When FOD = 100%, the KM statistics are equal to the arithmetic mean and standard deviation of the full dataset.

[4] KM statistics and GOF results only reported for constituents with at least 8 total observations and 5 distinct detected observations (USEPA, 2010).

[5] The GM is a parameter that specifically defines a lognormal distribution and is equal to the anti-log of the mean of the log-transformed values. GM is generally not descriptive of the central

[6] Distribution assessed by GOF tests at 95% confidence level (α = 0.05) using ProUCL 4.1.01 Left-censored data are evaluated with both detects only and ROS methods (USEPA, 2010).
Normal (N): dataset follows a normal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Gamma (G): dataset follows a gamma distribution, according to the Kolmogorov-Smirnov test.
Lognormal (Ln): dataset follows a lognormal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Nonparametric (NP): dataset does not follow any of the three distributions noted above.

[7] Level = data usability levels. For information about these levels and their applicability, please refer to Section 3 of the report.

[8] This table presents data for each of the 18 select chemicals (where available) identified for focused evaluation in Section 4.3.

Table D-8
Summary Statistics
Newark Bay Study Area - CARP Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	9	9	100	150	372	--	--	268	268	71.3	71.3	259	260	N/G/Ln	N/G/Ln
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	9	9	100	120	581	--	--	259	259	167	167	221	170	G/Ln	G/Ln
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	9	9	100	4.90	16.2	--	--	8.63	8.60	4.24	4.20	7.85	7.10	G/Ln	G/Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	9	9	100	1.40	6.02	--	--	3.40	3.40	1.30	1.30	3.18	3.20	N/G/Ln	N/G/Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	9	9	100	9.28	103	--	--	46.4	46.4	27.1	27.1	39.0	43.0	N/G/Ln	N/G/Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	9	9	100	7.70	26.6	--	--	15.8	15.8	5.35	5.40	15.0	15.0	N/G/Ln	N/G/Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	9	9	100	7.80	28.8	--	--	14.7	14.7	7.73	7.70	13.2	11.0	N/G/Ln	N/G/Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	9	9	100	7.00	20.5	--	--	12.2	12.2	4.16	4.20	11.6	11.0	N/G/Ln	N/G/Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	9	3	33	0.640	2.70	0.400	3.00	0.808	--	0.843	--	0.529	0.320	--	--
1,2,3,7,8-PeCDD	40321-76-4	ppt	9	9	100	2.10	5.29	--	--	3.39	3.40	1.19	1.20	3.21	2.70	N/G/Ln	N/G/Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt	9	9	100	3.40	9.65	--	--	7.70	7.70	2.09	2.10	7.37	8.10	N/G	N/G
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	9	9	100	6.50	13.4	--	--	9.28	9.30	2.33	2.30	9.02	9.80	N/G/Ln	N/G/Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt	9	9	100	6.30	21.9	--	--	14.3	14.3	4.64	4.60	13.6	14.0	N/G/Ln	N/G/Ln
2,3,7,8-TCDD	1746-01-6	ppt	9	9	100	21.0	270	--	--	90.8	90.8	78.1	78.1	67.8	68.0	G/Ln	G/Ln
2,3,7,8-TCDF	51207-31-9	ppt	9	7	78	19.8	55.0	8.40	57.0	33.0	35.6	15.7	12.5	27.5	35.0	N/G/Ln	N/Ln
OCDD	3268-87-9	ppt	9	9	100	1,600	3,550	--	--	2,490	2,490	681	681	2,410	2,500	N/G/Ln	N/G/Ln
OCDF	39001-02-0	ppt	9	9	100	170	713	--	--	322	322	188	188	285	240	G/Ln	G/Ln
Total HpCDD	37871-00-4	ppt	9	9	100	400	912	--	--	630	630	179	179	607	600	N/G/Ln	N/G/Ln
Total HpCDF	38998-75-3	ppt	9	9	100	170	764	--	--	367	367	212	212	322	270	N/G/Ln	N/G/Ln
Total HxCDD	34465-46-8	ppt	9	9	100	83.0	265	--	--	167	167	55.2	55.2	158	170	N/G/Ln	N/G/Ln
Total HxCDF	55684-94-1	ppt	9	9	100	110	442	--	--	216	216	115	115	194	180	N/G/Ln	N/G/Ln
Total PeCDD	36088-22-9	ppt	9	9	100	10.0	63.8	--	--	27.3	27.3	19.2	19.2	22.4	24.0	N/G/Ln	N/G/Ln
Total PeCDF	30402-15-4	ppt	9	9	100	130	334	--	--	206	206	64.9	64.9	197	210	N/G/Ln	N/G/Ln
Total TCDD	41903-57-5	ppt	9	9	100	60.0	300	--	--	145	145	76.0	76.0	128	130	N/G/Ln	N/G/Ln
Total TCDF	55722-27-5	ppt	9	9	100	200	556	--	--	330	330	108	108	316	320	N/G/Ln	N/G/Ln
Congener PCBs																	
PCB-1	2051-60-7	ppt	9	9	100	370	2,000	--	--	930	930	526	526	813	710	N/G/Ln	N/G/Ln
PCB-103	60145-21-3	ppt	9	9	100	160	550	--	--	280	280	132	132	256	240	N/G/Ln	N/G/Ln
PCB-104	56558-16-8	ppt	9	3	33	10.0	42.0	6.00	200	25.1	--	31.0	--	13.7	13.5	--	--
PCB-105	32598-14-4	ppt	9	9	100	3,900	18,000	--	--	8,380	8,380	4,400	4,400	7,510	7,400	N/G/Ln	N/G/Ln
PCB-11	2050-67-1	ppt	9	9	100	3,800	9,700	--	--	6,690	6,690	1,910	1,910	6,430	7,100	N/G/Ln	N/G/Ln
PCB-114	74472-37-0	ppt	9	9	100	220	1,000	--	--	508	508	292	292	443	430	N/G/Ln	N/G/Ln
PCB-12/13	PCB-12/13	ppt	9	9	100	1,400	3,300	--	--	2,230	2,230	618	618	2,160	2,300	N/G/Ln	N/G/Ln
PCB-120	68194-12-7	ppt	9	7	78	47.0	110	35.0	400	77.1	65.4	53.0	21.2	63.6	65.0	N/G/Ln	N/Ln
PCB-121	56558-18-0	ppt	9	0	0	--	--	3.00	400	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt	9	8	89	150	570	580	580	279	278	122	122	260	270	G/Ln	G/Ln

Table D-8
Summary Statistics
Newark Bay Study Area - CARP Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-123	65510-44-3	ppt	9	9	100	140	650	--	--	317	317	160	160	284	290	N/G/Ln	N/G/Ln
PCB-126	57465-28-8	ppt	9	4	44	65.0	590	35.0	510	137	--	185	--	71.6	70.0	--	--
PCB-127	39635-33-1	ppt	9	1	11	44.0	44.0	25.0	540	67.3	--	81.3	--	42.2	40.0	--	--
PCB-130	52663-66-8	ppt	9	9	100	740	4,100	--	--	1,520	1,520	1,040	1,040	1,320	1,100	G/Ln	G/Ln
PCB-131	61798-70-7	ppt	9	9	100	100	980	--	--	306	306	275	275	240	210	Ln	Ln
PCB-134/143	PCB-134/143	ppt	9	8	89	530	3,700	14.0	14.0	1,220	1,280	1,070	955	644	990	G/Ln	N/Ln
PCB-136	38411-22-2	ppt	9	9	100	1,300	7,100	--	--	2,900	2,900	1,910	1,910	2,500	2,200	G/Ln	G/Ln
PCB-137	35694-06-5	ppt	9	9	100	440	3,300	--	--	1,050	1,050	901	901	847	700	G/Ln	G/Ln
PCB-14	34883-41-5	ppt	9	0	0	--	--	5.00	400	--	--	--	--	--	--	--	--
PCB-141	52712-04-6	ppt	9	9	100	1,500	9,400	--	--	3,770	3,770	2,480	2,480	3,230	3,000	G/Ln	G/Ln
PCB-144	68194-14-9	ppt	9	9	100	440	2,500	--	--	1,020	1,020	706	706	858	680	G/Ln	G/Ln
PCB-145	74472-40-5	ppt	9	1	11	20.0	20.0	3.00	800	71.0	--	138	--	9.02	2.50	--	--
PCB-148	74472-41-6	ppt	9	6	67	23.0	84.0	22.0	390	57.9	42.8	56.9	22.3	40.8	44.0	N/G/Ln	N/Ln
PCB-15	2050-68-2	ppt	9	9	100	10,000	18,000	--	--	13,600	13,600	2,960	2,960	13,300	14,000	N/G/Ln	N/G/Ln
PCB-150	68194-08-1	ppt	9	9	100	33.0	160	--	--	72.4	72.4	42.3	42.3	63.3	54.0	N/G/Ln	N/G/Ln
PCB-152	68194-09-2	ppt	9	5	56	15.0	83.0	14.0	800	86.4	28.0	132	22.9	35.2	23.0	G/Ln	Ln
PCB-154	60145-22-4	ppt	7	7	100	200	580	--	--	303	303	138	138	281	230	--	--
PCB-155	33979-03-2	ppt	9	9	100	38.0	490	--	--	138	138	140	140	101	96.0	G/Ln	G/Ln
PCB-159	39635-35-3	ppt	9	7	78	67.0	380	10.0	17.0	146	159	121	99.3	78.7	140	N/G/Ln	N/Ln
PCB-167	52663-72-6	ppt	9	9	100	410	2,200	--	--	878	878	534	534	779	750	G/Ln	G/Ln
PCB-169	32774-16-6	ppt	9	2	22	58.0	240	11.0	390	64.7	--	89.2	--	25.4	19.0	--	--
PCB-17	37680-66-3	ppt	9	9	100	3,700	9,800	--	--	5,740	5,740	1,910	1,910	5,490	6,000	N/G/Ln	N/G/Ln
PCB-170	35065-30-6	ppt	9	9	100	2,200	9,000	--	--	4,680	4,680	2,280	2,280	4,220	4,100	N/G/Ln	N/G/Ln
PCB-172	52663-74-8	ppt	9	9	100	420	1,500	--	--	836	836	394	394	759	780	N/G/Ln	N/G/Ln
PCB-174	38411-25-5	ppt	9	9	100	2,300	7,600	--	--	4,500	4,500	2,010	2,010	4,120	4,300	N/G/Ln	N/G/Ln
PCB-175	40186-70-7	ppt	9	9	100	130	400	--	--	240	240	100	100	223	210	N/G/Ln	N/G/Ln
PCB-176	52663-65-7	ppt	9	9	100	380	1,300	--	--	751	751	320	320	695	660	N/G/Ln	N/G/Ln
PCB-177	52663-70-4	ppt	9	9	100	1,800	5,300	--	--	3,240	3,240	1,290	1,290	3,030	3,100	N/G/Ln	N/G/Ln
PCB-178	52663-67-9	ppt	9	9	100	710	2,100	--	--	1,210	1,210	453	453	1,140	1,000	N/G/Ln	N/G/Ln
PCB-179	52663-64-6	ppt	9	9	100	1,400	4,200	--	--	2,480	2,480	920	920	2,340	2,200	N/G/Ln	N/G/Ln
PCB-18	37680-65-2	ppt	2	2	100	12,000	17,000	--	--	14,500	14,500	3,540	3,540	14,300	14,500	--	--
PCB-181	74472-47-2	ppt	9	4	44	22.0	58.0	4.00	390	43.3	--	59.2	--	22.5	22.0	--	--
PCB-183	52663-69-1	ppt	9	9	100	2,200	5,600	--	--	3,520	3,520	1,240	1,240	3,340	3,400	N/G/Ln	N/G/Ln
PCB-184	74472-48-3	ppt	9	6	67	8.00	39.0	5.00	390	36.0	16.1	60.6	10.2	16.9	18.5	N/G/Ln	N/Ln
PCB-185	52712-05-7	ppt	9	5	56	270	820	4.00	11.0	267	386	290	173	46.3	270	N/G/Ln	N/Ln
PCB-186	74472-49-4	ppt	9	0	0	--	--	3.00	800	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt	9	7	78	11.0	34.0	38.0	390	37.7	17.9	59.4	7.50	22.1	19.0	N/G/Ln	G/Ln
PCB-189	39635-31-9	ppt	9	8	89	98.0	350	800	800	201	176	106	75.9	180	160	N/G/Ln	N/G/Ln

Table D-8
Summary Statistics
Newark Bay Study Area - CARP Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-19	38444-73-4	ppt	9	9	100	640	1,600	--	--	1,040	1,040	334	334	989	1,100	N/G/Ln	N/G/Ln
PCB-190	41411-64-7	ppt	9	9	100	460	1,900	--	--	928	928	485	485	832	820	N/G/Ln	N/G/Ln
PCB-191	74472-50-7	ppt	9	9	100	90.0	440	--	--	211	211	119	119	184	180	N/G/Ln	N/G/Ln
PCB-192	74472-51-8	ppt	9	0	0	--	--	3.00	800	--	--	--	--	--	--	--	--
PCB-194	35694-08-7	ppt	9	9	100	1,700	6,400	--	--	3,130	3,130	1,510	1,510	2,850	2,900	N/G/Ln	N/G/Ln
PCB-195	52663-78-2	ppt	9	9	100	560	2,000	--	--	1,080	1,080	490	490	984	960	N/G/Ln	N/G/Ln
PCB-197	33091-17-7	ppt	9	8	89	73.0	290	78.0	78.0	122	126	73.1	65.0	106	110	G/Ln	G/Ln
PCB-199	52663-75-9	ppt	7	7	100	350	620	--	--	480	480	102	102	471	480	--	--
PCB-2	2051-61-8	ppt	9	9	100	240	600	--	--	422	422	107	107	409	420	N/G/Ln	N/G/Ln
PCB-200	52663-73-7	ppt	2	2	100	570	760	--	--	665	665	134	134	658	665	--	--
PCB-201	40186-71-8	ppt	9	9	100	210	1,200	--	--	453	453	329	329	382	330	Ln	Ln
PCB-202	2136-99-4	ppt	9	9	100	800	2,700	--	--	1,390	1,390	591	591	1,300	1,400	N/G/Ln	N/G/Ln
PCB-204	74472-52-9	ppt	9	0	0	--	--	3.00	800	--	--	--	--	--	--	--	--
PCB-205	74472-53-0	ppt	9	9	100	77.0	300	--	--	155	155	76.0	76.0	140	130	N/G/Ln	N/G/Ln
PCB-206	40186-72-9	ppt	9	9	100	2,000	5,500	--	--	3,180	3,180	1,100	1,100	3,030	3,400	N/G/Ln	N/G/Ln
PCB-207	52663-79-3	ppt	9	9	100	240	530	--	--	343	343	87.0	87.0	334	320	N/G/Ln	N/G/Ln
PCB-208	52663-77-1	ppt	9	9	100	850	2,000	--	--	1,320	1,320	365	365	1,270	1,400	N/G/Ln	N/G/Ln
PCB-209	2051-24-3	ppt	9	9	100	2,200	4,500	--	--	3,310	3,310	704	704	3,240	3,400	N/G/Ln	N/G/Ln
PCB-22	38444-85-8	ppt	9	9	100	3,900	10,000	--	--	6,530	6,530	2,160	2,160	6,210	6,700	N/G/Ln	N/G/Ln
PCB-23	55720-44-0	ppt	9	0	0	--	--	7.00	400	--	--	--	--	--	--	--	--
PCB-25	55712-37-3	ppt	9	9	100	1,900	4,000	--	--	2,930	2,930	779	779	2,840	3,100	N/G/Ln	N/G/Ln
PCB-3	2051-62-9	ppt	9	9	100	550	1,400	--	--	914	914	287	287	876	760	N/G/Ln	N/G/Ln
PCB-30	35693-92-6	ppt	2	0	0	--	--	200	400	--	--	--	--	--	--	--	--
PCB-31	16606-02-3	ppt	9	9	100	14,000	33,000	--	--	21,900	21,900	6,010	6,010	21,200	21,000	N/G/Ln	N/G/Ln
PCB-34	37680-68-5	ppt	9	9	100	93.0	180	--	--	132	132	30.1	30.1	129	130	N/G/Ln	N/G/Ln
PCB-35	37680-69-6	ppt	9	9	100	620	1,200	--	--	1,010	1,010	235	235	980	1,100	G	G
PCB-36	38444-87-0	ppt	9	0	0	--	--	8.00	400	--	--	--	--	--	--	--	--
PCB-37	38444-90-5	ppt	9	9	100	6,800	23,000	--	--	11,000	11,000	4,830	4,830	10,400	9,900	G/Ln	G/Ln
PCB-38	53555-66-1	ppt	9	0	0	--	--	8.00	400	--	--	--	--	--	--	--	--
PCB-39	38444-88-1	ppt	9	8	89	82.0	260	95.0	95.0	134	138	61.5	53.0	121	130	N/G/Ln	N/G/Ln
PCB-45	70362-45-7	ppt	7	7	100	1,400	4,000	--	--	2,660	2,660	1,020	1,020	2,480	2,700	--	--
PCB-46	41464-47-5	ppt	9	9	100	510	2,200	--	--	1,060	1,060	542	542	951	1,000	N/G/Ln	N/G/Ln
PCB-51	68194-04-7	ppt	7	7	100	1,400	4,000	--	--	2,660	2,660	1,020	1,020	2,480	2,700	--	--
PCB-54	15968-05-5	ppt	9	8	89	32.0	140	39.0	39.0	60.4	61.8	35.7	32.2	52.2	55.0	N/G/Ln	N/G/Ln
PCB-55	74338-24-2	ppt	9	3	33	250	1,600	17.0	150	289	--	521	--	76.5	50.0	--	--
PCB-57	70424-67-8	ppt	9	7	78	120	270	87.0	150	150	164	71.2	51.0	132	130	N/G/Ln	N/G/Ln
PCB-58	41464-49-7	ppt	9	4	44	510	2,200	16.0	250	575	--	782	--	159	125	--	--
PCB-6	25569-80-6	ppt	9	9	100	1,100	2,600	--	--	1,620	1,620	521	521	1,560	1,500	N/G/Ln	N/G/Ln

Table D-8
Summary Statistics
Newark Bay Study Area - CARP Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-63	74472-34-7	ppt	9	9	100	620	1,800	--	--	1,030	1,030	372	372	974	950	N/G/Ln	N/G/Ln
PCB-67	73575-53-8	ppt	9	9	100	400	1,400	--	--	800	800	335	335	739	810	N/G/Ln	N/G/Ln
PCB-68	73575-52-7	ppt	9	8	89	120	360	140	140	207	212	93.8	80.9	186	190	N/G/Ln	N/G/Ln
PCB-73	74338-23-1	ppt	9	1	11	110	110	2.00	80.0	19.9	--	36.1	--	5.33	2.00	--	--
PCB-77	32598-13-3	ppt	9	9	100	1,900	5,300	--	--	3,690	3,690	1,210	1,210	3,490	3,500	N/G/Ln	N/G/Ln
PCB-78	70362-49-1	ppt	9	0	0	--	--	21.0	170	--	--	--	--	--	--	--	--
PCB-79	41464-48-6	ppt	9	7	78	140	860	78.0	140	298	317	264	232	206	210	N/G/Ln	N/Ln
PCB-80	33284-52-5	ppt	9	1	11	100	100	14.0	130	36.3	--	30.0	--	26.7	25.5	--	--
PCB-81	70362-50-4	ppt	9	6	67	67.0	360	39.0	130	132	142	119	105	91.4	77.0	N/G/Ln	N/Ln
PCB-82	52663-62-4	ppt	9	9	100	1,300	6,500	--	--	3,140	3,140	1,930	1,930	2,700	2,500	G/Ln	G/Ln
PCB-88/91	PCB-88/91	ppt	2	2	100	4,200	7,300	--	--	5,750	5,750	2,190	2,190	5,540	5,750	--	--
PCB-89	73575-57-2	ppt	9	9	100	150	800	--	--	348	348	212	212	299	300	N/G/Ln	N/G/Ln
PCB-94	73575-55-0	ppt	9	9	100	100	370	--	--	190	190	98.1	98.1	170	150	N/G/Ln	N/G/Ln
PCB-96	73575-54-9	ppt	9	9	100	84.0	470	--	--	194	194	129	129	165	150	G/Ln	G/Ln
Total Congener PCBs (209)	No CAS	ppt	9	9	100	355,000	1,130,000	--	--	664,000	664,000	281,000	281,000	615,000	597,000	N/G/Ln	N/G/Ln
Total Congener PCBs (NOAA 1989)	No CAS	ppt	7	7	100	262,000	829,000	--	--	444,000	444,000	189,000	189,000	416,000	442,000	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	10	10	100	14.0	1,090	--	--	513	513	407	407	286	375	N/G	N/G
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	10	10	100	1.60	1,000	--	--	458	458	429	429	168	265	G	G
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	10	9	90	0.540	34.3	0.260	0.260	15.7	15.8	14.0	13.3	6.75	9.70	N/G/Ln	N
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	10	8	80	1.90	19.5	0.340	0.590	7.06	7.40	6.98	6.30	3.21	3.75	N/G/Ln	N/Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	10	10	100	0.410	186	--	--	85.7	85.7	73.9	73.9	35.8	58.0	N/G	N/G
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	10	10	100	0.590	96.1	--	--	36.2	36.2	34.8	34.8	16.9	19.0	N/G/Ln	N/G/Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	10	9	90	0.860	52.4	0.180	0.180	25.2	25.3	22.3	21.1	9.85	17.0	N/G/Ln	N/G
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	10	9	90	1.20	55.5	9.80	9.80	21.8	21.5	20.0	19.3	12.0	13.0	N/G/Ln	N/Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	10	5	50	1.80	2.43	0.290	2.40	1.33	2.00	0.909	0.200	0.897	1.50	N/G/Ln	N/G/Ln
1,2,3,7,8-PeCDD	40321-76-4	ppt	10	7	70	3.90	28.3	0.220	1.70	8.57	9.60	8.96	7.60	3.36	5.60	N/G/Ln	N/Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt	10	9	90	0.650	21.4	0.180	0.180	10.9	10.9	8.63	8.10	5.18	8.45	N/G	N
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	10	9	90	0.770	29.6	0.220	0.220	14.9	14.9	11.7	11.0	7.04	11.5	N/G	N
2,3,4,7,8-PeCDF	57117-31-4	ppt	10	10	100	0.260	51.3	--	--	23.0	23.0	20.3	20.3	10.6	14.0	N/G	N/G
2,3,7,8-TCDD	1746-01-6	ppt	10	9	90	3.30	474	0.270	0.270	172	173	178	169	50.1	71.5	N/G/Ln	N/Ln
2,3,7,8-TCDF	51207-31-9	ppt	10	9	90	5.10	66.0	0.340	0.340	36.2	36.7	22.1	20.2	19.5	43.2	N	N
OCDD	3268-87-9	ppt	10	10	100	300	9,940	--	--	4,790	4,790	3,780	3,780	3,010	3,300	N/G/Ln	N/G/Ln
OCDF	39001-02-0	ppt	10	10	100	9.10	1,540	--	--	669	669	642	642	282	360	G/Ln	G/Ln
Total HpCDD	37871-00-4	ppt	10	10	100	46.0	2,340	--	--	1,170	1,170	893	893	695	890	N/G	N/G
Total HpCDF	38998-75-3	ppt	10	10	100	3.60	1,470	--	--	682	682	622	622	274	385	G	G
Total HxCDD	34465-46-8	ppt	10	10	100	16.0	655	--	--	299	299	242	242	180	205	N/G/Ln	N/G/Ln

Table D-8
Summary Statistics
Newark Bay Study Area - CARP Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Total HxCDF	55684-94-1	ppt	10	10	100	0.890	921	--	--	405	405	378	378	142	230	G	G
Total PeCDD	36088-22-9	ppt	10	10	100	1.50	183	--	--	73.8	73.8	74.5	74.5	29.9	33.5	G/Ln	G/Ln
Total PeCDF	30402-15-4	ppt	10	10	100	1.10	1,250	--	--	375	375	383	383	146	245	N/G	N/G
Total TCDD	41903-57-5	ppt	10	10	100	0.960	663	--	--	270	270	263	263	99.7	130	G	G
Total TCDF	55722-27-5	ppt	10	10	100	2.10	1,630	--	--	593	593	540	540	242	375	N/G	N/G
Congener PCBs																	
PCB-1	2051-60-7	ppt	10	10	100	5.00	4,400	--	--	1,400	1,400	1,430	1,430	536	980	N/G	N/G
PCB-103	60145-21-3	ppt	10	9	90	11.0	1,500	3.00	3.00	638	639	647	613	205	305	G/Ln	N/Ln
PCB-104	56558-16-8	ppt	10	3	30	14.0	170	2.00	480	71.8	--	97.9	--	12.8	9.00	--	--
PCB-105	32598-14-4	ppt	10	10	100	24.0	40,000	--	--	15,300	15,300	14,700	14,700	5,340	7,950	N/G	N/G
PCB-11	2050-67-1	ppt	10	9	90	490	51,000	3.00	3.00	19,500	19,500	18,800	17,800	4,940	10,400	N/G/Ln	N/Ln
PCB-114	74472-37-0	ppt	10	9	90	24.0	3,000	3.00	3.00	1,020	1,020	1,050	992	326	450	N/G/Ln	N/Ln
PCB-12/13	PCB-12/13	ppt	10	9	90	150	18,000	3.00	3.00	6,750	6,760	6,210	5,870	1,980	5,300	N/G	N
PCB-120	68194-12-7	ppt	10	4	40	28.0	100	2.00	510	119	--	104	--	48.6	87.0	--	--
PCB-121	56558-18-0	ppt	10	0	0	--	--	2.00	510	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt	10	7	70	13.0	1,800	3.00	97.0	638	633	702	670	162	290	N/G	N/Ln
PCB-123	65510-44-3	ppt	10	8	80	17.0	1,700	3.00	110	648	646	659	627	204	315	N/G/Ln	N/Ln
PCB-126	57465-28-8	ppt	10	4	40	990	1,400	3.00	130	489	--	597	--	90.6	57.5	--	--
PCB-127	39635-33-1	ppt	10	4	40	79.0	160	3.00	140	70.7	--	52.8	--	38.1	62.5	--	--
PCB-130	52663-66-8	ppt	10	10	100	6.00	6,000	--	--	2,650	2,650	2,490	2,490	954	1,450	G	G
PCB-131	61798-70-7	ppt	10	9	90	14.0	1,400	3.00	3.00	579	580	581	550	195	270	G/Ln	N/Ln
PCB-134/143	PCB-134/143	ppt	10	9	90	68.0	5,300	4.00	4.00	2,350	2,360	2,210	2,090	764	1,300	N/G/Ln	N/Ln
PCB-136	38411-22-2	ppt	10	10	100	14.0	13,000	--	--	5,740	5,740	5,620	5,620	2,000	2,850	G	G
PCB-137	35694-06-5	ppt	10	9	90	52.0	5,000	2.00	2.00	1,920	1,920	1,920	1,810	559	915	N/G/Ln	N/Ln
PCB-14	34883-41-5	ppt	10	1	10	50.0	50.0	3.00	480	76.8	--	106	--	15.6	12.5	--	--
PCB-141	52712-04-6	ppt	10	10	100	22.0	17,000	--	--	7,410	7,410	7,200	7,200	2,670	3,600	G	G
PCB-144	68194-14-9	ppt	10	9	90	62.0	5,300	3.00	3.00	2,220	2,230	2,240	2,120	658	1,010	G/Ln	N/Ln
PCB-145	74472-40-5	ppt	10	3	30	46.0	48.0	3.00	950	62.7	--	146	--	7.73	1.75	--	--
PCB-148	74472-41-6	ppt	10	7	70	16.0	170	3.00	18.0	59.3	62.8	60.4	54.0	25.7	45.5	N/G/Ln	N/Ln
PCB-15	2050-68-2	ppt	10	9	90	640	73,000	41.0	41.0	27,500	27,500	26,000	24,600	8,920	15,500	N/G/Ln	N
PCB-150	68194-08-1	ppt	10	8	80	23.0	560	2.00	3.00	141	145	173	161	44.7	66.0	G/Ln	N/Ln
PCB-152	68194-09-2	ppt	10	8	80	16.0	73.0	3.00	3.00	37.7	40.6	29.8	24.9	20.5	29.5	NP	N/Ln
PCB-154	60145-22-4	ppt	6	5	83	18.0	460	3.00	3.00	197	--	188	--	69.3	165	--	--
PCB-155	33979-03-2	ppt	10	9	90	9.00	8,500	3.00	3.00	1,340	1,340	2,690	2,550	175	165	G/Ln	G/Ln
PCB-159	39635-35-3	ppt	10	6	60	8.00	880	3.00	24.0	333	334	405	384	53.4	61.0	N	N/G
PCB-167	52663-72-6	ppt	10	10	100	4.00	3,200	--	--	1,380	1,380	1,240	1,240	533	815	N/G	N/G
PCB-169	32774-16-6	ppt	10	4	40	460	620	3.00	110	219	--	269	--	34.6	33.5	--	--
PCB-17	37680-66-3	ppt	10	10	100	28.0	88,000	--	--	29,300	29,300	34,300	34,300	7,560	10,200	G/Ln	G/Ln

Table D-8
Summary Statistics
Newark Bay Study Area - CARP Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-170	35065-30-6	ppt	10	10	100	20.0	20,000	--	--	8,670	8,670	7,900	7,900	3,210	4,900	N/G	N/G
PCB-172	52663-74-8	ppt	10	9	90	51.0	3,800	4.00	4.00	1,680	1,690	1,530	1,450	584	950	N/G/Ln	N
PCB-174	38411-25-5	ppt	10	10	100	22.0	20,000	--	--	8,880	8,880	7,760	7,760	3,440	5,600	N/G	N/G
PCB-175	40186-70-7	ppt	10	9	90	15.0	1,000	5.00	5.00	467	468	425	402	188	255	G/Ln	N
PCB-176	52663-65-7	ppt	10	9	90	48.0	3,400	4.00	4.00	1,550	1,550	1,420	1,350	535	875	N/G/Ln	N
PCB-177	52663-70-4	ppt	10	10	100	15.0	14,000	--	--	6,330	6,330	5,530	5,530	2,440	4,000	N/G	N/G
PCB-178	52663-67-9	ppt	10	9	90	78.0	5,200	5.00	5.00	2,340	2,350	2,120	2,000	810	1,400	N/G/Ln	N
PCB-179	52663-64-6	ppt	10	10	100	12.0	11,000	--	--	5,020	5,020	4,520	4,520	1,880	3,050	N/G	N/G
PCB-18	37680-65-2	ppt	4	4	100	55,000	170,000	--	--	116,000	116,000	47,100	47,100	108,000	120,000	--	--
PCB-181	74472-47-2	ppt	10	6	60	22.0	190	3.00	8.00	76.0	83.7	84.6	73.5	21.9	29.5	N	N/Ln
PCB-183	52663-69-1	ppt	10	10	100	17.0	15,000	--	--	6,970	6,970	6,080	6,080	2,720	4,300	N/G	N/G
PCB-184	74472-48-3	ppt	10	5	50	13.0	460	3.00	950	117	82.0	190	139	19.6	16.0	G/Ln	N/Ln
PCB-185	52712-05-7	ppt	10	7	70	190	2,200	3.00	9.00	885	941	976	875	145	325	G	N
PCB-186	74472-49-4	ppt	10	0	0	--	--	3.00	1,000	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt	10	7	70	14.0	51.0	3.00	7.00	26.0	29.5	21.3	16.4	14.0	21.0	Ln	N/Ln
PCB-189	39635-31-9	ppt	10	4	40	110	230	3.00	1,000	252	--	198	--	106	195	--	--
PCB-19	38444-73-4	ppt	10	10	100	6.00	15,000	--	--	4,830	4,830	5,440	5,440	1,350	2,400	G/Ln	G/Ln
PCB-190	41411-64-7	ppt	10	10	100	4.00	5,100	--	--	2,170	2,170	2,130	2,130	716	965	G	G
PCB-191	74472-50-7	ppt	10	9	90	12.0	1,400	3.00	3.00	542	543	558	528	176	215	G/Ln	N/Ln
PCB-192	74472-51-8	ppt	10	0	0	--	--	3.00	1,000	--	--	--	--	--	--	--	--
PCB-194	35694-08-7	ppt	10	10	100	9.00	14,000	--	--	6,180	6,180	5,860	5,860	2,080	3,050	G	G
PCB-195	52663-78-2	ppt	10	9	90	54.0	4,500	3.00	3.00	2,040	2,050	1,810	1,710	682	1,250	N/G	N
PCB-197	33091-17-7	ppt	10	9	90	7.00	660	2.00	2.00	284	284	278	263	101	135	G/Ln	N/Ln
PCB-199	52663-75-9	ppt	6	5	83	33.0	690	2.00	2.00	352	--	293	--	112	400	--	--
PCB-2	2051-61-8	ppt	10	10	100	16.0	1,100	--	--	578	578	363	363	361	590	N/G	N/G
PCB-200	52663-73-7	ppt	4	4	100	1,200	1,700	--	--	1,480	1,480	222	222	1,460	1,500	--	--
PCB-201	40186-71-8	ppt	10	9	90	21.0	2,500	2.00	2.00	1,050	1,050	1,080	1,020	301	420	G/Ln	N/Ln
PCB-202	2136-99-4	ppt	10	10	100	4.00	4,900	--	--	2,300	2,300	2,060	2,060	836	1,400	G	G
PCB-204	74472-52-9	ppt	10	0	0	--	--	2.00	1,000	--	--	--	--	--	--	--	--
PCB-205	74472-53-0	ppt	10	9	90	9.00	620	2.00	2.00	282	283	257	243	109	165	N/G/Ln	N
PCB-206	40186-72-9	ppt	10	10	100	8.00	12,000	--	--	5,150	5,150	4,670	4,670	1,840	3,000	N/G	N/G
PCB-207	52663-79-3	ppt	10	9	90	18.0	1,200	3.00	3.00	543	545	460	434	215	380	N/G	N
PCB-208	52663-77-1	ppt	10	9	90	75.0	3,900	3.00	3.00	1,820	1,830	1,460	1,380	671	1,400	N/G	N
PCB-209	2051-24-3	ppt	10	10	100	27.0	8,500	--	--	4,150	4,150	2,910	2,910	2,060	4,000	N	N
PCB-22	38444-85-8	ppt	10	10	100	28.0	72,000	--	--	24,400	24,400	26,300	26,300	7,300	10,800	G	G
PCB-23	55720-44-0	ppt	10	4	40	70.0	190	3.00	25.0	52.5	--	66.4	--	17.4	10.8	--	--
PCB-25	55712-37-3	ppt	10	10	100	9.00	20,000	--	--	7,830	7,830	7,520	7,520	2,610	4,600	N/G	N/G
PCB-3	2051-62-9	ppt	10	10	100	6.00	4,800	--	--	1,800	1,800	1,670	1,670	701	1,100	N/G	N/G

Table D-8
Summary Statistics
Newark Bay Study Area - CARP Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-30	35693-92-6	ppt	4	3	75	96.0	170	460	460	149	--	63.8	--	139	135	--	--
PCB-31	16606-02-3	ppt	10	10	100	87.0	210,000	--	--	75,600	75,600	79,000	79,000	23,400	36,000	G	G
PCB-34	37680-68-5	ppt	10	9	90	11.0	1,000	3.00	3.00	413	414	404	383	155	235	G/Ln	N/Ln
PCB-35	37680-69-6	ppt	10	9	90	58.0	5,700	4.00	4.00	2,220	2,220	2,010	1,900	758	1,350	N/G	N
PCB-36	38444-87-0	ppt	10	0	0	--	--	3.00	510	--	--	--	--	--	--	--	--
PCB-37	38444-90-5	ppt	10	10	100	28.0	80,000	--	--	30,700	30,700	32,600	32,600	8,660	11,500	G	G
PCB-38	53555-66-1	ppt	10	0	0	--	--	3.00	510	--	--	--	--	--	--	--	--
PCB-39	38444-88-1	ppt	10	8	80	120	1,500	3.00	9.00	532	555	586	535	153	200	N/G/Ln	N/Ln
PCB-45	70362-45-7	ppt	6	6	100	13.0	5,800	--	--	2,730	2,730	2,250	2,250	915	3,200	--	--
PCB-46	41464-47-5	ppt	10	10	100	5.00	14,000	--	--	4,310	4,310	4,980	4,980	1,170	1,450	G/Ln	G/Ln
PCB-51	68194-04-7	ppt	6	6	100	13.0	5,800	--	--	2,730	2,730	2,250	2,250	915	3,200	--	--
PCB-54	15968-05-5	ppt	10	8	80	52.0	560	3.00	3.00	181	191	191	172	62.2	84.0	N/G/Ln	N/Ln
PCB-55	74338-24-2	ppt	10	8	80	290	27,000	3.00	17.0	4,480	4,540	8,130	7,680	650	2,050	G/Ln	Ln
PCB-57	70424-67-8	ppt	10	8	80	180	1,200	3.00	4.00	457	493	427	370	148	265	N/G/Ln	N/Ln
PCB-58	41464-49-7	ppt	10	6	60	16.0	7,100	3.00	23.0	2,480	2,490	3,200	3,030	146	203	N	G
PCB-6	25569-80-6	ppt	10	9	90	77.0	12,000	3.00	3.00	3,840	3,850	3,940	3,730	1,130	2,800	N/G/Ln	N/Ln
PCB-63	74472-34-7	ppt	10	9	90	46.0	7,000	4.00	4.00	2,840	2,850	2,680	2,540	877	1,600	N/G	N
PCB-67	73575-53-8	ppt	10	9	90	30.0	5,200	2.00	2.00	2,110	2,110	2,030	1,920	606	1,090	N/G	N
PCB-68	73575-52-7	ppt	10	9	90	14.0	890	3.00	3.00	412	413	332	314	175	330	N/G	N
PCB-73	74338-23-1	ppt	10	0	0	--	--	1.00	100	--	--	--	--	--	--	--	--
PCB-77	32598-13-3	ppt	10	10	100	10.0	16,000	--	--	6,790	6,790	6,110	6,110	2,410	4,150	N/G	N/G
PCB-78	70362-49-1	ppt	10	4	40	57.0	100	3.00	28.0	39.1	--	42.4	--	16.7	13.3	--	--
PCB-79	41464-48-6	ppt	10	8	80	180	2,600	3.00	4.00	979	1,020	1,090	998	213	315	G	N/Ln
PCB-80	33284-52-5	ppt	10	5	50	63.0	610	2.00	20.0	143	172	199	169	27.6	36.5	N/G/Ln	NP
PCB-81	70362-50-4	ppt	10	8	80	54.0	500	2.00	4.00	234	244	210	188	79.3	200	N/G/Ln	N/Ln
PCB-82	52663-62-4	ppt	10	10	100	8.00	17,000	--	--	6,850	6,850	6,770	6,770	2,170	3,050	G	G
PCB-88/91	PCB-88/91	ppt	4	4	100	14,000	23,000	--	--	20,000	20,000	4,080	4,080	19,600	21,500	--	--
PCB-89	73575-57-2	ppt	10	9	90	15.0	2,500	4.00	4.00	982	983	1,020	964	299	385	G/Ln	N/Ln
PCB-94	73575-55-0	ppt	10	9	90	6.00	1,100	3.00	3.00	429	429	430	408	143	200	N/G/Ln	N
PCB-96	73575-54-9	ppt	10	9	90	9.00	2,000	2.00	2.00	686	687	783	743	177	190	G/Ln	N/Ln
Total Congener PCBs (209)	No CAS	ppt	10	10	100	2,290	4,610,000	--	--	1,760,000	1,760,000	1,780,000	1,780,000	559,000	793,000	G	G
Total Congener PCBs (NOAA 1989)	No CAS	ppt	6	6	100	1,880	698,000	--	--	342,000	342,000	274,000	274,000	119,000	419,000	--	--
Subsurface (>3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt	4	4	100	529	1,060	--	--	893	893	245	245	861	991	--	--
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt	4	4	100	757	985	--	--	824	824	108	108	819	777	--	--
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt	4	4	100	24.5	33.5	--	--	29.3	29.3	3.71	3.70	29.1	29.6	--	--
1,2,3,4,7,8-HxCDD	39227-28-6	ppt	4	4	100	8.39	14.4	--	--	12.1	12.1	2.60	2.60	11.9	12.9	--	--

Table D-8
Summary Statistics
Newark Bay Study Area - CARP Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
1,2,3,4,7,8-HxCDF	70648-26-9	ppt	4	4	100	157	192	--	--	168	168	16.5	16.5	167	161	--	--
1,2,3,6,7,8-HxCDD	57653-85-7	ppt	4	4	100	41.3	80.4	--	--	66.5	66.5	17.9	17.9	64.3	72.1	--	--
1,2,3,6,7,8-HxCDF	57117-44-9	ppt	4	4	100	38.1	56.9	--	--	45.8	45.8	7.94	7.90	45.3	44.0	--	--
1,2,3,7,8,9-HxCDD	19408-74-3	ppt	4	4	100	23.5	51.7	--	--	41.3	41.3	12.7	12.7	39.5	44.9	--	--
1,2,3,7,8,9-HxCDF	72918-21-9	ppt	4	4	100	1.49	2.31	--	--	2.04	2.00	0.373	0.400	2.01	2.18	--	--
1,2,3,7,8-PeCDD	40321-76-4	ppt	4	4	100	12.1	18.6	--	--	16.3	16.3	2.89	2.90	16.1	17.2	--	--
1,2,3,7,8-PeCDF	57117-41-6	ppt	4	4	100	10.8	28.3	--	--	19.6	19.6	7.49	7.50	18.4	19.5	--	--
2,3,4,6,7,8-HxCDF	60851-34-5	ppt	4	4	100	19.8	30.5	--	--	26.2	26.2	4.73	4.70	25.9	27.3	--	--
2,3,4,7,8-PeCDF	57117-31-4	ppt	4	4	100	30.9	68.6	--	--	47.3	47.3	15.7	15.7	45.4	44.8	--	--
2,3,7,8-TCDD	1746-01-6	ppt	4	4	100	541	1,610	--	--	1,130	1,130	442	442	1,050	1,190	--	--
2,3,7,8-TCDF	51207-31-9	ppt	4	4	100	47.1	733	--	--	225	225	339	339	104	59.0	--	--
OCDD	3268-87-9	ppt	4	4	100	5,860	11,200	--	--	9,390	9,390	2,400	2,400	9,110	10,300	--	--
OCDF	39001-02-0	ppt	4	4	100	1,020	1,420	--	--	1,280	1,280	178	178	1,270	1,340	--	--
Total HpCDD	37871-00-4	ppt	4	4	100	1,170	2,360	--	--	1,960	1,960	534	534	1,890	2,150	--	--
Total HpCDF	38998-75-3	ppt	4	4	100	1,110	1,480	--	--	1,270	1,270	154	154	1,270	1,250	--	--
Total HxCDD	34465-46-8	ppt	4	4	100	337	613	--	--	508	508	121	121	496	541	--	--
Total HxCDF	55684-94-1	ppt	4	4	100	690	908	--	--	784	784	90.7	90.7	780	770	--	--
Total PeCDD	36088-22-9	ppt	4	4	100	65.8	180	--	--	139	139	53.5	53.5	130	156	--	--
Total PeCDF	30402-15-4	ppt	4	4	100	1,060	1,360	--	--	1,160	1,160	138	138	1,150	1,110	--	--
Total TCDD	41903-57-5	ppt	4	4	100	647	1,740	--	--	1,270	1,270	455	455	1,190	1,350	--	--
Total TCDF	55722-27-5	ppt	4	4	100	1,610	3,130	--	--	2,260	2,260	633	633	2,200	2,160	--	--
Congener PCBs																	
PCB-1	2051-60-7	ppt	4	4	100	2,940	6,600	--	--	4,990	4,990	1,680	1,680	4,750	5,200	--	--
PCB-103	60145-21-3	ppt	4	4	100	1,040	2,500	--	--	1,790	1,790	618	618	1,700	1,800	--	--
PCB-104	56558-16-8	ppt	4	1	25	25.0	25.0	440	1,200	300	--	242	--	185	288	--	--
PCB-105	32598-14-4	ppt	4	4	100	51,000	93,000	--	--	67,700	67,700	18,700	18,700	65,800	63,300	--	--
PCB-11	2050-67-1	ppt	4	4	100	55,000	100,000	--	--	71,900	71,900	20,100	20,100	69,900	66,200	--	--
PCB-114	74472-37-0	ppt	4	4	100	3,250	6,100	--	--	4,740	4,740	1,340	1,340	4,590	4,800	--	--
PCB-12/13	PCB-12/13	ppt	4	4	100	7,590	14,000	--	--	11,100	11,100	2,680	2,680	10,900	11,500	--	--
PCB-120	68194-12-7	ppt	4	2	50	262	300	440	440	251	--	38.5	--	248	241	--	--
PCB-121	56558-18-0	ppt	4	0	0	--	--	440	1,200	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt	4	4	100	1,670	2,900	--	--	2,420	2,420	598	598	2,360	2,550	--	--
PCB-123	65510-44-3	ppt	4	4	100	1,960	3,400	--	--	2,590	2,590	619	619	2,540	2,500	--	--
PCB-126	57465-28-8	ppt	4	4	100	1,100	1,900	--	--	1,450	1,450	374	374	1,410	1,390	--	--
PCB-127	39635-33-1	ppt	4	4	100	130	310	--	--	228	228	75.0	75.0	217	235	--	--
PCB-130	52663-66-8	ppt	4	4	100	6,970	12,000	--	--	9,570	9,570	2,330	2,330	9,350	9,650	--	--
PCB-131	61798-70-7	ppt	4	4	100	1,580	3,100	--	--	2,370	2,370	643	643	2,300	2,400	--	--
PCB-134/143	PCB-134/143	ppt	4	4	100	6,340	12,000	--	--	8,940	8,940	2,520	2,520	8,670	8,700	--	--

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Summary Statistics
Newark Bay Study Area - CARP Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-136	38411-22-2	ppt	4	4	100	15,200	28,000	--	--	21,800	21,800	5,480	5,480	21,300	22,000	--	--
PCB-137	35694-06-5	ppt	4	4	100	5,390	9,900	--	--	7,750	7,750	2,240	2,240	7,500	7,850	--	--
PCB-14	34883-41-5	ppt	4	2	50	57.0	64.0	710	1,200	269	--	261	--	167	210	--	--
PCB-141	52712-04-6	ppt	4	4	100	20,500	34,000	--	--	27,600	27,600	6,870	6,870	27,000	28,000	--	--
PCB-144	68194-14-9	ppt	4	4	100	5,270	10,000	--	--	7,640	7,640	1,930	1,930	7,450	7,650	--	--
PCB-145	74472-40-5	ppt	4	1	25	82.0	82.0	870	2,400	604	--	471	--	416	568	--	--
PCB-148	74472-41-6	ppt	4	4	100	95.7	240	--	--	164	164	61.3	61.3	155	160	--	--
PCB-15	2050-68-2	ppt	4	4	100	53,200	110,000	--	--	81,800	81,800	23,200	23,200	79,200	82,000	--	--
PCB-150	68194-08-1	ppt	4	4	100	182	460	--	--	308	308	123	123	290	295	--	--
PCB-152	68194-09-2	ppt	4	4	100	100	220	--	--	155	155	55.1	55.1	148	150	--	--
PCB-155	33979-03-2	ppt	4	2	50	44.0	49.0	1,400	2,400	498	--	560	--	206	375	--	--
PCB-159	39635-35-3	ppt	4	4	100	787	1,700	--	--	1,200	1,200	379	379	1,150	1,150	--	--
PCB-167	52663-72-6	ppt	4	4	100	3,850	6,600	--	--	5,040	5,040	1,380	1,380	4,900	4,850	--	--
PCB-169	32774-16-6	ppt	4	4	100	153	870	--	--	533	533	351	351	428	555	--	--
PCB-17	37680-66-3	ppt	4	4	100	86,400	150,000	--	--	122,000	122,000	26,600	26,600	119,000	125,000	--	--
PCB-170	35065-30-6	ppt	4	4	100	18,400	32,000	--	--	26,400	26,400	6,380	6,380	25,700	27,500	--	--
PCB-172	52663-74-8	ppt	4	4	100	2,930	6,100	--	--	4,760	4,760	1,330	1,330	4,600	5,000	--	--
PCB-174	38411-25-5	ppt	4	4	100	18,700	34,000	--	--	27,900	27,900	7,110	7,110	27,200	29,500	--	--
PCB-175	40186-70-7	ppt	4	4	100	773	1,800	--	--	1,340	1,340	432	432	1,280	1,400	--	--
PCB-176	52663-65-7	ppt	4	4	100	2,550	5,600	--	--	4,210	4,210	1,260	1,260	4,050	4,350	--	--
PCB-177	52663-70-4	ppt	4	4	100	10,800	22,000	--	--	17,500	17,500	4,890	4,890	16,900	18,500	--	--
PCB-178	52663-67-9	ppt	4	4	100	3,740	8,100	--	--	6,210	6,210	1,810	1,810	5,980	6,500	--	--
PCB-179	52663-64-6	ppt	4	4	100	8,950	18,000	--	--	14,000	14,000	3,760	3,760	13,600	14,500	--	--
PCB-18	37680-65-2	ppt	4	2	50	220,000	250,000	710	1,200	118,000	--	136,000	--	10,400	110,000	--	--
PCB-181	74472-47-2	ppt	4	4	100	179	370	--	--	290	290	84.9	84.9	279	305	--	--
PCB-183	52663-69-1	ppt	4	2	50	19,000	24,000	1,400	2,400	11,200	--	12,000	--	4,420	10,100	--	--
PCB-184	74472-48-3	ppt	4	2	50	60.0	130	1,400	2,400	523	--	535	--	285	415	--	--
PCB-185	52712-05-7	ppt	4	4	100	3,000	23,000	--	--	10,900	10,900	9,440	9,440	7,740	8,750	--	--
PCB-186	74472-49-4	ppt	4	0	0	--	--	870	2,400	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt	4	4	100	43.4	99.0	--	--	64.4	64.4	25.0	25.0	61.1	57.5	--	--
PCB-189	39635-31-9	ppt	4	2	50	724	1,200	870	870	699	--	361	--	637	580	--	--
PCB-19	38444-73-4	ppt	4	4	100	13,200	20,000	--	--	17,100	17,100	2,850	2,850	16,900	17,500	--	--
PCB-190	41411-64-7	ppt	4	4	100	3,100	8,200	--	--	5,950	5,950	2,120	2,120	5,610	6,250	--	--
PCB-191	74472-50-7	ppt	4	4	100	659	2,100	--	--	1,360	1,360	601	601	1,260	1,350	--	--
PCB-192	74472-51-8	ppt	4	0	0	--	--	870	2,400	--	--	--	--	--	--	--	--
PCB-194	35694-08-7	ppt	4	4	100	9,210	23,000	--	--	16,100	16,100	6,140	6,140	15,100	16,000	--	--
PCB-195	52663-78-2	ppt	4	4	100	3,150	7,000	--	--	5,360	5,360	1,690	1,690	5,130	5,650	--	--
PCB-197	33091-17-7	ppt	4	4	100	910	1,900	--	--	1,300	1,300	453	453	1,240	1,190	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-2	2051-61-8	ppt	4	4	100	1,100	5,000	--	--	2,670	2,670	1,720	1,720	2,280	2,300	--	--
PCB-200	52663-73-7	ppt	4	2	50	2,500	2,900	1,400	2,400	1,830	--	1,040	--	1,570	1,850	--	--
PCB-201	40186-71-8	ppt	4	4	100	1,520	3,900	--	--	2,760	2,760	1,130	1,130	2,570	2,800	--	--
PCB-202	2136-99-4	ppt	4	4	100	3,450	7,800	--	--	5,510	5,510	2,070	2,070	5,210	5,400	--	--
PCB-204	74472-52-9	ppt	4	0	0	--	--	870	2,400	--	--	--	--	--	--	--	--
PCB-205	74472-53-0	ppt	4	4	100	384	1,100	--	--	729	729	326	326	671	715	--	--
PCB-206	40186-72-9	ppt	4	4	100	8,870	16,000	--	--	11,700	11,700	3,150	3,150	11,400	11,000	--	--
PCB-207	52663-79-3	ppt	4	4	100	922	1,800	--	--	1,280	1,280	379	379	1,240	1,200	--	--
PCB-208	52663-77-1	ppt	4	4	100	3,300	5,000	--	--	4,010	4,010	740	740	3,960	3,860	--	--
PCB-209	2051-24-3	ppt	4	4	100	9,000	13,300	--	--	11,300	11,300	1,810	1,810	11,200	11,500	--	--
PCB-22	38444-85-8	ppt	4	4	100	80,400	140,000	--	--	100,000	100,000	27,400	27,400	97,600	90,000	--	--
PCB-23	55720-44-0	ppt	4	4	100	119	240	--	--	185	185	55.5	55.5	178	190	--	--
PCB-25	55712-37-3	ppt	4	4	100	15,400	25,000	--	--	21,600	21,600	4,240	4,240	21,200	23,000	--	--
PCB-3	2051-62-9	ppt	4	4	100	2,540	9,100	--	--	5,810	5,810	2,680	2,680	5,280	5,800	--	--
PCB-30	35693-92-6	ppt	4	4	100	130	330,000	--	--	130,000	130,000	160,000	160,000	5,690	94,100	--	--
PCB-31	16606-02-3	ppt	4	4	100	219,000	390,000	--	--	287,000	287,000	74,400	74,400	281,000	270,000	--	--
PCB-34	37680-68-5	ppt	4	4	100	931	1,700	--	--	1,430	1,430	363	363	1,390	1,550	--	--
PCB-35	37680-69-6	ppt	4	4	100	4,950	9,300	--	--	7,540	7,540	1,850	1,850	7,340	7,950	--	--
PCB-36	38444-87-0	ppt	4	0	0	--	--	440	1,200	--	--	--	--	--	--	--	--
PCB-37	38444-90-5	ppt	4	4	100	56,200	120,000	--	--	98,800	98,800	30,100	30,100	94,600	110,000	--	--
PCB-38	53555-66-1	ppt	4	2	50	102	160	440	440	176	--	56.6	--	168	190	--	--
PCB-39	38444-88-1	ppt	4	4	100	903	2,400	--	--	1,750	1,750	722	722	1,630	1,850	--	--
PCB-46	41464-47-5	ppt	4	4	100	11,900	22,000	--	--	18,000	18,000	4,940	4,940	17,400	19,000	--	--
PCB-54	15968-05-5	ppt	4	4	100	185	640	--	--	431	431	198	198	390	450	--	--
PCB-55	74338-24-2	ppt	4	4	100	1,640	7,900	--	--	5,040	5,040	2,620	2,620	4,350	5,300	--	--
PCB-57	70424-67-8	ppt	4	4	100	560	1,800	--	--	1,240	1,240	511	511	1,140	1,300	--	--
PCB-58	41464-49-7	ppt	4	4	100	2,870	15,000	--	--	8,370	8,370	5,310	5,310	7,010	7,800	--	--
PCB-6	25569-80-6	ppt	4	4	100	9,500	17,000	--	--	12,600	12,600	3,300	3,300	12,200	11,900	--	--
PCB-63	74472-34-7	ppt	4	4	100	6,070	14,000	--	--	10,200	10,200	3,290	3,290	9,760	10,400	--	--
PCB-67	73575-53-8	ppt	4	4	100	4,630	11,000	--	--	8,230	8,230	2,670	2,670	7,850	8,650	--	--
PCB-68	73575-52-7	ppt	4	4	100	417	1,500	--	--	919	919	516	516	805	880	--	--
PCB-73	74338-23-1	ppt	4	1	25	9,900	9,900	87.0	140	2,510	--	4,920	--	190	56.8	--	--
PCB-77	32598-13-3	ppt	4	4	100	17,300	34,000	--	--	25,600	25,600	7,390	7,390	24,800	25,500	--	--
PCB-78	70362-49-1	ppt	4	2	50	160	230	140	240	145	--	67.6	--	133	140	--	--
PCB-79	41464-48-6	ppt	4	4	100	1,080	5,600	--	--	3,870	3,870	1,970	1,970	3,280	4,400	--	--
PCB-80	33284-52-5	ppt	4	2	50	230	550	140	240	243	--	216	--	181	175	--	--
PCB-81	70362-50-4	ppt	4	2	50	940	1,100	140	240	558	--	538	--	305	530	--	--
PCB-82	52663-62-4	ppt	4	4	100	20,300	38,000	--	--	30,300	30,300	8,220	8,220	29,400	31,500	--	--

Table D-8
Summary Statistics
Newark Bay Study Area - CARP Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-88/91	PCB-88/91	ppt	4	4	100	26,000	48,000	--	--	38,000	38,000	9,380	9,380	37,100	39,000	--	--
PCB-89	73575-57-2	ppt	4	4	100	2,500	5,800	--	--	4,230	4,230	1,360	1,360	4,040	4,300	--	--
PCB-94	73575-55-0	ppt	4	4	100	863	1,800	--	--	1,390	1,390	391	391	1,340	1,450	--	--
PCB-96	73575-54-9	ppt	4	3	75	1,420	3,400	440	440	1,940	--	1,410	--	1,300	2,060	--	--
Total Congener PCBs (209)	No CAS	ppt	4	4	100	4,840,000	8,410,000	--	--	6,860,000	6,860,000	1,680,000	1,680,000	6,700,000	7,100,000	--	--

Table D-8
Summary Statistics
Newark Bay Study Area - CARP Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm	9	9	100	9,540	14,700	--	--	11,900	11,900	1,720	1,720	11,800	11,900	N/G/Ln	N/G/Ln
Antimony	7440-36-0	ppm	9	3	33	0.64	2.7	0.44	0.83	0.85	--	0.95	--	0.55	0.39	--	--
Arsenic	7440-38-2	ppm	9	9	100	10.0	20.8	--	--	14.0	14.0	4.4	4.4	13.4	11.6	G	G
Barium	7440-39-3	ppm	9	9	100	87.7	135	--	--	109	109	15.9	15.9	108	105	N/G/Ln	N/G/Ln
Beryllium	7440-41-7	ppm	9	9	100	0.57	0.87	--	--	0.72	0.72	0.11	0.11	0.71	0.71	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm	9	9	100	0.83	1.9	--	--	1.2	1.2	0.34	0.34	1.2	1.2	N/G/Ln	N/G/Ln
Calcium	7440-70-2	ppm	9	9	100	2,920	9,870	--	--	6,470	6,470	2,550	2,550	5,950	6,630	N/G/Ln	N/G/Ln
Chromium	7440-47-3	ppm	9	9	100	67.2	138	--	--	102	102	22.4	22.4	100	96.8	N/G/Ln	N/G/Ln
Cobalt	7440-48-4	ppm	9	9	100	8.5	11.5	--	--	9.7	9.7	0.87	0.87	9.7	9.7	N/G/Ln	N/G/Ln
Copper	7440-50-8	ppm	9	9	100	82.8	134	--	--	104	104	14.6	14.6	104	101	N/G/Ln	N/G/Ln
Iron	7439-89-6	ppm	9	9	100	22,400	30,000	--	--	25,400	25,400	2,790	2,790	25,200	24,500	N/G/Ln	N/G/Ln
Lead	7439-92-1	ppm	9	9	100	90.2	140	--	--	110	110	14.6	14.6	109	107	N/G/Ln	N/G/Ln
Magnesium	7439-95-4	ppm	9	9	100	6,060	12,500	--	--	7,780	7,780	1,950	1,950	7,600	7,010	G/Ln	G/Ln
Manganese	7439-96-5	ppm	9	9	100	274	424	--	--	359	359	54.4	54.4	355	369	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm	7	7	100	1.3	2.7	--	--	1.8	1.8	0.48	0.48	1.8	1.8	--	--
Nickel	7440-02-0	ppm	9	9	100	27.5	95.0	--	--	42.9	42.9	21.4	21.4	39.6	36.1	G/Ln	G/Ln
Potassium	7440-09-7	ppm	9	9	100	2,120	4,440	--	--	3,140	3,140	715	715	3,070	3,120	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm	9	5	56	0.92	2.2	0.72	1.7	1.0	1.2	0.55	0.39	0.88	0.92	N/G/Ln	N/Ln
Silver	7440-22-4	ppm	9	9	100	1.5	3.2	--	--	2.2	2.2	0.56	0.56	2.2	2.3	N/G/Ln	N/G/Ln
Sodium	7440-23-5	ppm	9	9	100	5,650	10,100	--	--	7,630	7,630	1,340	1,340	7,530	7,520	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm	9	4	44	0.73	6.2	0.91	1.4	1.9	--	2.2	--	1.1	0.70	--	--
Vanadium	7440-62-2	ppm	9	9	100	25.3	38.4	--	--	31.9	31.9	4.2	4.2	31.6	33.1	N/G/Ln	N/G/Ln
Zinc	7440-66-6	ppm	9	9	100	153	225	--	--	190	190	21.5	21.5	189	196	N/G/Ln	N/G/Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm	10	10	100	7,300	14,300	--	--	11,000	11,000	1,890	1,890	10,800	11,200	N/G/Ln	N/G/Ln
Antimony	7440-36-0	ppm	10	4	40	4.8	7.1	0.38	0.74	2.4	--	2.8	--	0.92	0.34	--	--
Arsenic	7440-38-2	ppm	10	10	100	6.3	28.9	--	--	16.6	16.6	9.1	9.1	14.3	13.4	G/Ln	G/Ln
Barium	7440-39-3	ppm	10	10	100	24.5	168	--	--	109	109	53.5	53.5	92.5	126	N/G	N/G
Beryllium	7440-41-7	ppm	10	10	100	0.46	0.90	--	--	0.65	0.65	0.12	0.12	0.64	0.67	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm	10	9	90	0.24	7.6	0.070	0.070	3.0	3.0	2.8	2.6	1.3	2.0	N/G/Ln	N/G/Ln
Calcium	7440-70-2	ppm	10	10	100	2,290	75,800	--	--	14,400	14,400	22,500	22,500	7,520	4,920	G/Ln	G/Ln
Chromium	7440-47-3	ppm	10	10	100	14.6	352	--	--	149	149	122	122	96.6	102	N/G/Ln	N/G/Ln
Cobalt	7440-48-4	ppm	10	10	100	5.3	14.1	--	--	9.9	9.9	2.6	2.6	9.6	9.9	N/G/Ln	N/G/Ln
Copper	7440-50-8	ppm	10	10	100	7.1	306	--	--	140	140	108	108	81.6	118	N/G/Ln	N/G/Ln
Iron	7439-89-6	ppm	10	10	100	15,400	28,600	--	--	24,600	24,600	4,140	4,140	24,200	25,300	N/G	N/G

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Lead	7439-92-1	ppm	10	10	100	6.4	346	--	--	154	154	124	124	85.7	130	N/G/Ln	N/G/Ln
Magnesium	7439-95-4	ppm	10	10	100	3,670	7,490	--	--	6,150	6,150	1,070	1,070	6,050	6,380	N/G	N/G
Manganese	7439-96-5	ppm	10	10	100	272	506	--	--	368	368	84.9	84.9	359	350	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm	6	5	83	0.040	3.1	0.040	0.040	1.4	--	1.3	--	0.46	1.3	--	--
Nickel	7440-02-0	ppm	10	10	100	11.6	53.6	--	--	33.0	33.0	12.8	12.8	30.3	34.3	N/G/Ln	N/G/Ln
Potassium	7440-09-7	ppm	10	10	100	1,960	3,810	--	--	2,710	2,710	644	644	2,650	2,380	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm	10	6	60	0.69	1.6	0.49	1.5	0.99	1.1	0.48	0.37	0.87	0.88	N/G/Ln	N/Ln
Silver	7440-22-4	ppm	10	7	70	2.1	6.3	0.13	0.39	2.9	3.5	2.3	1.6	1.3	2.7	N/G/Ln	N/Ln
Sodium	7440-23-5	ppm	10	10	100	3,730	9,150	--	--	6,490	6,490	1,620	1,620	6,300	6,410	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm	10	4	40	6.1	6.6	0.63	1.3	2.8	--	3.0	--	1.3	0.60	--	--
Vanadium	7440-62-2	ppm	10	10	100	17.4	36.7	--	--	31.0	31.0	5.7	5.7	30.4	32.1	NP	NP
Zinc	7440-66-6	ppm	10	10	100	35.1	572	--	--	262	262	191	191	188	202	N/G/Ln	N/G/Ln
Subsurface (>3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm	4	4	100	10,300	12,500	--	--	11,700	11,700	998	998	11,600	11,900	--	--
Antimony	7440-36-0	ppm	4	4	100	7.0	10.9	--	--	8.3	8.3	1.8	1.8	8.2	7.7	--	--
Arsenic	7440-38-2	ppm	4	4	100	32.6	46.6	--	--	41.1	41.1	6.3	6.3	40.7	42.6	--	--
Barium	7440-39-3	ppm	4	4	100	155	237	--	--	182	182	37.3	37.3	179	168	--	--
Beryllium	7440-41-7	ppm	4	4	100	0.70	0.79	--	--	0.76	0.76	0.039	0.039	0.76	0.77	--	--
Cadmium	7440-43-9	ppm	4	4	100	4.5	8.1	--	--	6.2	6.2	1.6	1.6	6.1	6.2	--	--
Calcium	7440-70-2	ppm	4	4	100	4,480	5,320	--	--	4,940	4,940	359	359	4,930	4,990	--	--
Chromium	7440-47-3	ppm	4	4	100	334	538	--	--	410	410	91.2	91.2	403	384	--	--
Cobalt	7440-48-4	ppm	4	4	100	12.2	14.0	--	--	13.3	13.3	0.84	0.84	13.3	13.5	--	--
Copper	7440-50-8	ppm	4	4	100	192	332	--	--	253	253	61.2	61.2	247	244	--	--
Iron	7439-89-6	ppm	4	4	100	25,500	30,400	--	--	28,400	28,400	2,170	2,170	28,300	28,800	--	--
Lead	7439-92-1	ppm	4	4	100	179	309	--	--	246	246	62.6	62.6	240	249	--	--
Magnesium	7439-95-4	ppm	4	4	100	6,480	7,270	--	--	6,960	6,960	368	368	6,950	7,040	--	--
Manganese	7439-96-5	ppm	4	4	100	310	384	--	--	341	341	31.4	31.4	339	334	--	--
Nickel	7440-02-0	ppm	4	4	100	41.6	54.8	--	--	46.7	46.7	5.7	5.7	46.5	45.3	--	--
Potassium	7440-09-7	ppm	4	4	100	2,040	2,400	--	--	2,250	2,250	159	159	2,240	2,280	--	--
Selenium	7782-49-2	ppm	4	4	100	1.3	2.3	--	--	1.6	1.6	0.46	0.46	1.6	1.5	--	--
Silver	7440-22-4	ppm	4	4	100	3.5	6.8	--	--	5.0	5.0	1.5	1.5	4.8	4.8	--	--
Sodium	7440-23-5	ppm	4	4	100	6,930	8,790	--	--	7,700	7,700	842	842	7,660	7,530	--	--
Thallium	7440-28-0	ppm	4	4	100	5.9	7.5	--	--	6.9	6.9	0.71	0.71	6.9	7.1	--	--
Vanadium	7440-62-2	ppm	4	4	100	40.2	50.2	--	--	44.3	44.3	4.7	4.7	44.1	43.5	--	--
Zinc	7440-66-6	ppm	4	4	100	386	675	--	--	495	495	130	130	483	460	--	--

Table D-8
Summary Statistics
Newark Bay Study Area - CARP Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Pesticides																	
2,4'-DDD	53-19-0	ppb	9	9	100	3.1	11	--	--	6.4	6.4	2.3	2.3	6.1	6.0	N/G/Ln	N/G/Ln
2,4'-DDE	3424-82-6	ppb	9	9	100	2.0	15	--	--	7.3	7.3	4.0	4.0	6.3	6.2	N/G/Ln	N/G/Ln
2,4'-DDT	789-02-6	ppb	9	5	56	0.15	96	0.051	0.15	11	11	32	30	0.24	0.15	NP	G/Ln
4,4'-DDD	72-54-8	ppb	9	9	100	7.1	26	--	--	17	17	5.2	5.2	16	17	N/G/Ln	N/G/Ln
4,4'-DDE	72-55-9	ppb	9	9	100	15	38	--	--	25	25	9.0	9.0	23	21	N/G/Ln	N/G/Ln
4,4'-DDT	50-29-3	ppb	9	9	100	0.20	7.9	--	--	2.3	2.3	2.7	2.7	1.3	1.2	G/Ln	G/Ln
Aldrin	309-00-2	ppb	9	9	100	0.030	0.41	--	--	0.18	0.18	0.11	0.11	0.13	0.18	N/G	N/G
Alpha-BHC	319-84-6	ppb	9	9	100	0.039	0.16	--	--	0.085	0.085	0.043	0.043	0.077	0.070	N/G/Ln	N/G/Ln
Alpha-Chlordane	5103-71-9	ppb	9	8	89	1.2	6.4	2.1	2.1	3.1	3.1	2.0	1.8	2.5	2.4	N/G/Ln	N/G/Ln
Beta-BHC	319-85-7	ppb	9	9	100	0.035	0.20	--	--	0.090	0.090	0.067	0.067	0.073	0.052	NP	NP
Dieldrin	60-57-1	ppb	9	9	100	0.82	5.4	--	--	2.1	2.1	1.6	1.6	1.7	1.3	G/Ln	G/Ln
Endosulfan I	959-98-8	ppb	9	0	0	--	--	0.065	2.1	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb	9	0	0	--	--	0.065	2.1	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb	9	0	0	--	--	0.010	2.1	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb	9	0	0	--	--	0.065	2.1	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb	9	0	0	--	--	0.065	2.1	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb	9	0	0	--	--	0.044	2.1	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	9	6	67	0.017	0.060	0.011	0.027	0.027	0.030	0.021	0.017	0.020	0.017	N/G/Ln	N/G/Ln
Heptachlor	76-44-8	ppb	9	4	44	0.014	0.033	0.015	0.065	0.017	--	0.0096	--	0.015	0.014	--	--
Heptachlor Epoxide	1024-57-3	ppb	9	4	44	0.036	0.084	0.011	2.1	0.25	--	0.41	--	0.062	0.075	--	--
Hexachlorobenzene	118-74-1	ppb	9	9	100	0.72	3.4	--	--	2.0	2.0	1.0	1.0	1.7	2.0	N/G/Ln	N/G/Ln
Methoxychlor	72-43-5	ppb	9	0	0	--	--	0.31	4.0	--	--	--	--	--	--	--	--
Total DDT (4,4)	No CAS	ppb	9	9	100	28	61	--	--	44	44	13	13	43	37	N/G/Ln	N/G/Ln
Semivolatiles																	
2-Methylnaphthalene	91-57-6	ppb	7	7	100	62	200	--	--	140	140	43	43	130	140	--	--
Acenaphthene	83-32-9	ppb	9	9	100	21	90	--	--	53	53	19	19	49	56	N/G/Ln	N/G/Ln
Acenaphthylene	208-96-8	ppb	9	9	100	51	190	--	--	120	120	47	47	110	140	N/Ln	N/Ln
Anthracene	120-12-7	ppb	9	9	100	140	440	--	--	280	280	91	91	260	270	N/G/Ln	N/G/Ln
Benzo(a)anthracene	56-55-3	ppb	9	9	100	340	850	--	--	620	620	170	170	600	660	N/G/Ln	N/G/Ln
Benzo(a)pyrene	50-32-8	ppb	9	9	100	620	1,500	--	--	970	970	360	360	920	820	G/Ln	G/Ln
Benzo(b)fluoranthene	205-99-2	ppb	7	7	100	410	1,100	--	--	810	810	300	300	760	800	--	--
Benzo(g,h,i)perylene	191-24-2	ppb	9	9	100	340	940	--	--	580	580	230	230	540	520	N/G/Ln	N/G/Ln
Benzo(k)fluoranthene	207-08-9	ppb	7	7	100	230	650	--	--	390	390	140	140	370	390	--	--
Biphenyl	92-52-4	ppb	9	9	100	27	81	--	--	52	52	14	14	50	52	N/G/Ln	N/G/Ln
Chrysene	218-01-9	ppb	9	9	100	450	1,100	--	--	750	750	250	250	720	630	Ln	Ln
Dibenzo(a,h)anthracene	53-70-3	ppb	9	9	100	93	260	--	--	150	150	65	65	140	110	NP	NP
Fluoranthene	206-44-0	ppb	9	9	100	48	1,300	--	--	700	700	370	370	540	700	N/G	N/G

Table D-8
Summary Statistics
Newark Bay Study Area - CARP Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Fluorene	86-73-7	ppb	9	9	100	26	110	--	--	75	75	22	22	71	80	N/G	N/G
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	9	9	100	290	910	--	--	540	540	240	240	490	540	N/G/Ln	N/G/Ln
Naphthalene	91-20-3	ppb	9	9	100	150	540	--	--	370	370	120	120	350	370	N/G/Ln	N/G/Ln
Phenanthrene	85-01-8	ppb	9	9	100	150	510	--	--	380	380	120	120	360	450	N/G	N/G
Pyrene	129-00-0	ppb	9	9	100	710	1,900	--	--	1,200	1,200	440	440	1,200	1,200	N/G/Ln	N/G/Ln
Total HMW PAHs-SVOC	No CAS	ppb	7	7	100	4,200	9,500	--	--	6,000	6,000	1,800	1,800	5,800	5,500	--	--
Total LMW PAHs-SVOC	No CAS	ppb	7	7	100	690	1,900	--	--	1,300	1,300	400	400	1,300	1,400	--	--
TOTAL PAHs - SVOC	No CAS	ppb	7	7	100	4,900	11,000	--	--	7,300	7,300	2,000	2,000	7,000	6,900	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Pesticides																	
2,4'-DDD	53-19-0	ppb	10	9	90	0.23	14	0.026	0.026	5.9	6.0	5.4	5.1	2.2	3.6	N/G/Ln	N/G/Ln
2,4'-DDE	3424-82-6	ppb	10	9	90	0.51	24	0.033	0.033	10	11	9.4	8.9	3.8	6.8	N/G/Ln	N/G/Ln
2,4'-DDT	789-02-6	ppb	10	5	50	0.081	1.4	0.050	0.15	0.44	0.46	0.53	0.49	0.16	0.078	N/G	N
4,4'-DDD	72-54-8	ppb	10	9	90	0.84	35	0.034	0.034	15	15	13	12	5.6	10	N/G/Ln	N/Ln
4,4'-DDE	72-55-9	ppb	10	9	90	1.6	130	0.093	0.093	41	41	43	41	13	23	N/G/Ln	N/G/Ln
4,4'-DDT	50-29-3	ppb	10	7	70	0.66	7.9	0.052	0.14	1.8	1.9	2.3	2.1	0.57	1.2	G/Ln	N/Ln
Aldrin	309-00-2	ppb	10	7	70	0.024	1.2	0.037	0.23	0.19	0.18	0.36	0.34	0.075	0.063	G/Ln	G/Ln
Alpha-BHC	319-84-6	ppb	10	8	80	0.016	0.30	0.010	0.010	0.13	0.13	0.13	0.12	0.055	0.054	G/Ln	N/G/Ln
Alpha-Chlordane	5103-71-9	ppb	10	8	80	1.3	21	0.068	0.081	6.8	7.0	7.8	7.2	1.8	1.6	N	N/Ln
Beta-BHC	319-85-7	ppb	10	8	80	0.010	0.23	0.011	0.011	0.092	0.093	0.092	0.087	0.043	0.043	N/G/Ln	N/G/Ln
Dieldrin	60-57-1	ppb	10	8	80	0.81	13	0.10	0.14	4.5	4.6	5.2	4.8	1.4	0.96	NP	N/Ln
Endosulfan I	959-98-8	ppb	10	0	0	--	--	0.11	2.3	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb	10	0	0	--	--	0.025	2.3	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb	10	0	0	--	--	0.019	2.3	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb	10	0	0	--	--	0.098	2.3	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb	10	0	0	--	--	0.074	2.3	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb	10	0	0	--	--	0.043	2.3	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	10	6	60	0.017	0.087	0.012	0.016	0.039	0.043	0.035	0.029	0.023	0.025	N/G/Ln	N/G/Ln
Heptachlor	76-44-8	ppb	10	6	60	0.015	0.065	0.0070	0.025	0.021	0.024	0.020	0.016	0.015	0.015	N/G/Ln	N/Ln
Heptachlor Epoxide	1024-57-3	ppb	10	2	20	0.0050	0.0060	0.0070	2.3	0.45	--	0.57	--	0.048	0.0080	--	--
Hexachlorobenzene	118-74-1	ppb	10	10	100	0.083	6.4	--	--	2.3	2.3	2.3	2.3	1.1	0.91	G/Ln	G/Ln
Methoxychlor	72-43-5	ppb	10	4	40	0.22	0.41	0.30	1.2	0.35	--	0.16	--	0.32	0.29	--	--
Total DDT (4,4)	No CAS	ppb	10	9	90	2.4	170	0.093	0.093	58	58	56	53	19	36	N/G/Ln	N/Ln
Semivolatiles																	
2-Methylnaphthalene	91-57-6	ppb	6	6	100	2.0	140	--	--	73	73	64	64	35	77	--	--
Acenaphthene	83-32-9	ppb	10	10	100	1.0	190	--	--	73	73	71	71	34	45	N/G/Ln	N/G/Ln
Acenaphthylene	208-96-8	ppb	10	10	100	1.0	120	--	--	74	74	49	49	42	94	NP	NP
Anthracene	120-12-7	ppb	10	10	100	2.0	840	--	--	420	420	300	300	200	480	N/G	N/G
Benzo(a)anthracene	56-55-3	ppb	10	10	100	4.0	1,500	--	--	720	720	590	590	330	600	N/G	N/G

Table D-8
Summary Statistics
Newark Bay Study Area - CARP Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Benzo(a)pyrene	50-32-8	ppb	10	10	100	7.0	1,900	--	--	960	960	750	750	460	780	N/G	N/G
Benzo(b)fluoranthene	205-99-2	ppb	6	6	100	4.0	1,100	--	--	500	500	470	470	190	420	--	--
Benzo(g,h,i)perylene	191-24-2	ppb	10	10	100	4.0	1,200	--	--	580	580	460	460	270	470	N/G	N/G
Benzo(k)fluoranthene	207-08-9	ppb	6	6	100	5.0	350	--	--	180	180	160	160	89	170	--	--
Biphenyl	92-52-4	ppb	10	10	100	3.0	160	--	--	74	74	51	51	46	68	N/G	N/G
Chrysene	218-01-9	ppb	10	10	100	5.0	2,000	--	--	910	910	780	780	390	660	N/G	N/G
Dibenzo(a,h)anthracene	53-70-3	ppb	10	10	100	1.0	330	--	--	140	140	130	130	62	96	N/G	N/G
Fluoranthene	206-44-0	ppb	10	10	100	9.0	3,500	--	--	1,500	1,500	1,300	1,300	640	1,000	N/G/Ln	N/G/Ln
Fluorene	86-73-7	ppb	10	10	100	2.0	240	--	--	100	100	85	85	52	100	N/G/Ln	N/G/Ln
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	10	10	100	3.0	1,200	--	--	610	610	510	510	260	480	G	G
Naphthalene	91-20-3	ppb	10	10	100	13	710	--	--	360	360	260	260	210	320	N/G	N/G
Phenanthrene	85-01-8	ppb	10	10	100	3.0	920	--	--	460	460	350	350	210	520	N/G	N/G
Pyrene	129-00-0	ppb	10	10	100	11	3,700	--	--	1,600	1,600	1,400	1,400	750	1,300	N/G	N/G
Total HMW PAHs-SVOC	No CAS	ppb	6	6	100	50	7,100	--	--	3,400	3,400	3,000	3,000	1,500	3,200	--	--
Total LMW PAHs-SVOC	No CAS	ppb	6	6	100	20	2,100	--	--	900	900	870	870	390	730	--	--
TOTAL PAHs - SVOC	No CAS	ppb	6	6	100	80	8,900	--	--	4,300	4,300	3,900	3,900	1,900	3,900	--	--
Subsurface (>3.5 ft bss)																	
Pesticides																	
2,4'-DDD	53-19-0	ppb	4	4	100	17	33	--	--	27	27	7.4	7.4	26	29	--	--
2,4'-DDE	3424-82-6	ppb	4	4	100	22	39	--	--	30	30	7.4	7.4	29	29	--	--
2,4'-DDT	789-02-6	ppb	4	2	50	0.95	1.2	0.00038	0.00039	0.54	--	0.63	--	0.014	0.48	--	--
4,4'-DDD	72-54-8	ppb	4	4	100	42	77	--	--	62	62	15	15	61	65	--	--
4,4'-DDE	72-55-9	ppb	4	4	100	88	110	--	--	100	100	11	11	100	110	--	--
4,4'-DDT	50-29-3	ppb	4	4	100	1.3	3.6	--	--	2.2	2.2	0.98	0.98	2.1	2.0	--	--
Aldrin	309-00-2	ppb	4	4	100	0.076	0.19	--	--	0.12	0.12	0.050	0.050	0.11	0.11	--	--
Alpha-BHC	319-84-6	ppb	4	4	100	0.17	0.27	--	--	0.22	0.22	0.041	0.041	0.22	0.22	--	--
Alpha-Chlordane	5103-71-9	ppb	4	4	100	12	20	--	--	17	17	3.4	3.4	16	17	--	--
Beta-BHC	319-85-7	ppb	4	1	25	0.19	0.19	0.00038	0.0021	0.048	--	0.095	--	0.0016	0.00062	--	--
Dieldrin	60-57-1	ppb	4	4	100	24	34,000	--	--	8,400	8,400	17,000	17,000	200	46	--	--
Endosulfan I	959-98-8	ppb	4	0	0	--	--	0.32	770	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb	4	0	0	--	--	0.32	770	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb	4	0	0	--	--	0.32	770	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb	4	0	0	--	--	0.32	770	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb	4	0	0	--	--	0.32	770	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb	4	0	0	--	--	0.32	770	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	4	4	100	0.083	0.21	--	--	0.15	0.15	0.056	0.056	0.14	0.14	--	--
Heptachlor	76-44-8	ppb	4	3	75	0.016	0.030	0.00039	0.00039	0.018	--	0.013	--	0.0071	0.022	--	--
Heptachlor Epoxide	1024-57-3	ppb	4	2	50	0.030	26	2.1	2.1	7.0	--	13	--	0.96	1.0	--	--
Hexachlorobenzene	118-74-1	ppb	4	4	100	5.5	21	--	--	11	11	7.2	7.2	9.4	8.6	--	--

Table D-8
Summary Statistics
Newark Bay Study Area - CARP Data

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Methoxychlor	72-43-5	ppb	4	4	100	0.17	470	--	--	120	120	240	240	1.7	0.34	--	--
Total DDT (4,4)	No CAS	ppb	4	4	100	130	190	--	--	170	170	26	26	170	180	--	--
Semivolatiles																	
Acenaphthene	83-32-9	ppb	4	4	100	210	360	--	--	280	280	65	65	270	280	--	--
Acenaphthylene	208-96-8	ppb	4	4	100	97	190	--	--	140	140	41	41	140	140	--	--
Anthracene	120-12-7	ppb	4	4	100	1,200	2,400	--	--	1,700	1,700	550	550	1,600	1,600	--	--
Benzo(a)anthracene	56-55-3	ppb	4	4	100	1,700	2,200	--	--	1,900	1,900	240	240	1,800	1,800	--	--
Benzo(a)pyrene	50-32-8	ppb	4	4	100	1,500	2,400	--	--	1,800	1,800	420	420	1,800	1,700	--	--
Benzo(g,h,i)perylene	191-24-2	ppb	4	4	100	790	1,300	--	--	1,000	1,000	230	230	990	980	--	--
Biphenyl	92-52-4	ppb	4	4	100	89	170	--	--	130	130	33	33	130	140	--	--
Chrysene	218-01-9	ppb	4	4	100	2,000	3,000	--	--	2,400	2,400	420	420	2,400	2,300	--	--
Dibenzo(a,h)anthracene	53-70-3	ppb	4	4	100	220	340	--	--	270	270	53	53	260	260	--	--
Fluoranthene	206-44-0	ppb	4	4	100	3,600	4,900	--	--	4,200	4,200	630	630	4,100	4,100	--	--
Fluorene	86-73-7	ppb	4	4	100	400	790	--	--	630	630	200	200	600	660	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	4	4	100	840	1,500	--	--	1,100	1,100	300	300	1,100	1,100	--	--
Naphthalene	91-20-3	ppb	4	4	100	730	1,100	--	--	890	890	190	190	880	870	--	--
Phenanthrene	85-01-8	ppb	4	4	100	1,300	2,600	--	--	2,000	2,000	620	620	1,900	2,000	--	--
Pyrene	129-00-0	ppb	4	4	100	3,500	5,000	--	--	4,100	4,100	650	650	4,000	3,900	--	--

Abbreviations:

-- not applicable due to frequency of detection
1/2 DL = half the detection limit (e.g., sample reporting limit)
CARP = Contaminant Assessment and Reduction Program
CAS = Chemical Abstracts Service
FOD = frequency of detection (detects / total)
ft bss = feet below sediment surface
GM = geometric mean
GOF = goodness-of-fit
HMW = high-molecular weight
KM = Kaplan-Meier
LMW = low-molecular weight
Max = maximum
Min = minimum
ND = nondetect
PAH = polynuclear aromatic hydrocarbon
PCB = polychlorinated biphenyls
ppb = parts per billion
ppm = parts per million
ppt = parts per trillion
ROS = regression on ordered statistics
SD = standard deviation
SVOC = semivolatile organic compound

Notes:

[1] Total concentrations are based on the sum of detected observations; therefore statistics for totals are based on detected observations.

[2] KM and GOF statistics generated using USEPA ProUCL (v. 4.1.01) software (USEPA, 2011). Remaining statistics generated in MS Access 2010.

[3] When FOD = 100%, the KM statistics are equal to the arithmetic mean and standard deviation of the full dataset.

[4] KM statistics and GOF results only reported for constituents with at least 8 total observations and 5 distinct detected observations (USEPA, 2010).

[5] The GM is a parameter that specifically defines a lognormal distribution and is equal to the anti-log of the mean of the log-transformed values. GM is generally not descriptive of the central tendency for data that are not lognormally distributed.

[6] Distribution assessed by GOF tests at 95% confidence level (α = 0.05) using ProUCL 4.1.01 Left-censored data are evaluated with both detects only and ROS methods (USEPA, 2010).
Normal (N): dataset follows a normal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Gamma (G): dataset follows a gamma distribution, according to the Kolmogorov-Smirnov test.
Lognormal (Ln): dataset follows a lognormal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Nonparametric (NP): dataset does not follow any of the three distributions noted above.

[7] Level = data usability levels. For information about these levels and their applicability, please refer to Section 3 of the report.

[8] This table presents data for each of the 18 select chemicals (where available) identified for focused evaluation in Section 4.3.

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	43	43	100	874	53,100	--	--	8,630	8,630	11,000	11,000	4,830	5,860	G/Ln	G/Ln
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	43	43	100	432	167,000	--	--	22,300	22,300	32,300	32,300	10,000	14,100	G/Ln	G/Ln
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	43	32	74	43.9	7,050	83.1	1,180	723	710	1,160	1,160	353	481	Ln	Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	43	21	49	10.9	1,160	45.4	1,400	200	156	228	208	122	122	G/Ln	Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	43	42	98	194	57,500	543	543	6,280	6,280	10,100	9,990	2,770	4,120	G	G/Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	43	32	74	61.1	3,560	149	1,450	562	538	638	640	337	409	G/Ln	Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	43	39	91	69.3	10,500	88.4	1,390	1,700	1,690	2,140	2,110	795	1,150	G/Ln	Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	43	27	63	34.1	1,890	74.2	1,410	320	282	331	329	207	238	G/Ln	Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	43	24	56	6.78	1,810	59.4	1,230	247	209	330	330	133	160	G/Ln	Ln
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	43	23	54	15.9	877	43.8	826	172	142	178	176	109	118	G/Ln	Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	43	36	84	42.7	5,290	239	1,870	703	683	975	971	385	422	G/Ln	Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	43	35	81	63.0	2,940	86.6	1,370	557	548	617	613	329	393	G/Ln	Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	43	36	84	94.4	5,490	236	1,600	988	977	1,170	1,160	558	657	G	NP
2,3,7,8-TCDD	1746-01-6	ppt-TOC	43	41	95	205	87,700	59.1	66.8	4,270	4,280	13,200	13,100	1,350	1,790	Ln	Ln
2,3,7,8-TCDF	51207-31-9	ppt-TOC	43	35	81	73.8	3,480	63.1	1,400	538	529	581	579	351	437	G/Ln	Ln
OCDD	3268-87-9	ppt-TOC	43	43	100	5,380	555,000	--	--	87,000	87,000	112,000	112,000	51,700	58,600	Ln	Ln
OCDF	39001-02-0	ppt-TOC	43	43	100	1,300	362,000	--	--	40,200	40,200	64,900	64,900	17,600	24,400	G/Ln	G/Ln
Total HpCDD	37871-00-4	ppt-TOC	43	43	100	1,750	112,000	--	--	21,700	21,700	24,000	24,000	13,000	15,900	G/Ln	G/Ln
Total HpCDF	38998-75-3	ppt-TOC	43	43	100	594	195,000	--	--	27,900	27,900	38,900	38,900	12,900	18,200	G/Ln	G/Ln
Total HxCDD	34465-46-8	ppt-TOC	43	43	100	554	31,800	--	--	5,600	5,600	6,070	6,070	3,510	3,930	Ln	Ln
Total HxCDF	55684-94-1	ppt-TOC	43	43	100	616	112,000	--	--	18,400	18,400	24,300	24,300	8,830	13,000	G/Ln	G/Ln
Total PeCDD	36088-22-9	ppt-TOC	43	35	81	181	11,400	206	2,860	1,550	1,550	2,030	2,010	852	737	G/Ln	Ln
Total PeCDF	30402-15-4	ppt-TOC	43	43	100	1,010	149,000	--	--	18,300	18,300	26,000	26,000	8,710	10,600	G/Ln	G/Ln
Total TCDD	41903-57-5	ppt-TOC	43	43	100	128	98,700	--	--	6,280	6,280	15,000	15,000	2,510	3,380	Ln	Ln
Total TCDF	55722-27-5	ppt-TOC	43	43	100	981	286,000	--	--	27,600	27,600	46,400	46,400	12,500	16,500	G/Ln	G/Ln
Congener PCBs																	
PCB-105	32598-14-4	ppt-TOC	43	42	98	1,410	3,430,000	1,580	1,580	301,000	301,000	530,000	523,000	145,000	190,000	NP	NP
PCB-106/118	PCB-106/118	ppt-TOC	43	43	100	2,040	8,640,000	--	--	791,000	791,000	1,320,000	1,320,000	395,000	543,000	NP	NP
PCB-114	74472-37-0	ppt-TOC	43	36	84	1,900	236,000	1,580	17,800	18,500	18,500	35,900	35,500	9,870	11,100	NP	Ln
PCB-123	65510-44-3	ppt-TOC	43	36	84	1,450	205,000	1,580	17,800	17,300	17,300	31,500	31,100	9,700	9,800	Ln	Ln
PCB-126	57465-28-8	ppt-TOC	43	30	70	1,400	33,200	1,580	40,300	4,950	4,390	5,590	5,000	3,580	3,320	NP	NP
PCB-156	38380-08-4	ppt-TOC	43	40	93	8,190	618,000	1,580	6,470	67,700	68,200	95,800	94,400	38,300	50,200	G/Ln	Ln
PCB-157	69782-90-7	ppt-TOC	43	35	81	2,840	134,000	1,580	17,800	15,400	15,500	20,700	20,300	9,650	11,200	G/Ln	Ln
PCB-167	52663-72-6	ppt-TOC	43	39	91	3,320	233,000	1,580	13,700	28,600	28,700	36,200	35,700	17,700	22,600	G/Ln	Ln
PCB-169	32774-16-6	ppt-TOC	43	3	7	204	823	169	40,300	2,410	--	3,770	--	966	985	--	--
PCB-170	35065-30-6	ppt-TOC	28	26	93	11,200	1,180,000	1,580	6,470	172,000	173,000	241,000	237,000	79,000	120,000	G/Ln	Ln
PCB-180	35065-29-3	ppt-TOC	28	27	96	6,470	2,770,000	1,580	1,580	439,000	439,000	570,000	560,000	204,000	305,000	G/Ln	Ln

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-189	39635-31-9	ppt-TOC	43	33	77	1,710	44,000	1,580	40,300	7,370	6,980	7,400	7,090	5,410	5,410	Ln	Ln
PCB-209	2051-24-3	ppt-TOC	42	41	98	2,760	654,000	2,380	2,380	135,000	135,000	154,000	152,000	72,500	84,400	G/Ln	NP
PCB-77	32598-13-3	ppt-TOC	43	41	95	8,600	1,860,000	1,580	6,470	133,000	133,000	281,000	278,000	62,100	76,800	Ln	Ln
PCB-81	70362-50-4	ppt-TOC	43	35	81	1,230	179,000	1,580	17,800	12,000	11,900	27,100	26,800	6,090	7,150	Ln	Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	15	14	93	256	24,900	1,030	1,030	8,270	8,270	7,450	7,190	4,050	8,360	N/G	N
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	15	15	100	238	55,100	--	--	20,300	20,300	18,400	18,400	6,970	19,200	NP	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	15	11	73	121	2,190	64.5	586	719	721	612	588	435	699	N/G/Ln	N/Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	15	6	40	62.0	317	103	1,280	164	115	156	64.5	124	100	G/Ln	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	15	13	87	99.0	18,900	210	405	5,770	5,770	5,670	5,480	2,090	5,310	N	N
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	15	9	60	294	1,630	110	1,350	518	563	423	365	353	424	N/G/Ln	N/Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	15	12	80	58.9	5,550	186	433	1,240	1,230	1,460	1,420	563	1,020	G/Ln	Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	15	8	53	95.8	740	105	1,290	270	240	209	182	200	196	N/G/Ln	Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	15	7	47	129	687	53.9	794	218	239	197	167	139	156	N/G/Ln	N/Ln
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	15	7	47	91.2	466	96.2	666	151	143	113	96.0	124	120	NP	NP
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	15	12	80	111	1,670	112	883	619	618	459	448	441	562	N/G/Ln	N/Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	15	11	73	69.9	1,550	58.6	479	444	443	443	430	268	356	N/G/Ln	N/Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	15	12	80	127	2,470	102	798	900	891	739	725	587	831	N/G	N/Ln
2,3,7,8-TCDD	1746-01-6	ppt-TOC	15	10	67	1,810	41,000	39.7	451	5,430	6,000	10,200	9,560	1,180	2,630	Ln	Ln
2,3,7,8-TCDF	51207-31-9	ppt-TOC	15	12	80	89.7	1,790	92.5	595	516	523	433	417	372	413	G/Ln	Ln
OCDD	3268-87-9	ppt-TOC	15	15	100	10,000	230,000	--	--	93,800	93,800	63,700	63,700	69,500	86,600	N/G/Ln	N/G/Ln
OCDF	39001-02-0	ppt-TOC	15	13	87	531	136,000	1,210	3,470	40,200	40,200	39,800	38,500	14,100	36,400	N	N
Total HpCDD	37871-00-4	ppt-TOC	15	14	93	777	65,200	3,340	3,340	23,600	23,600	20,300	19,600	11,800	25,800	N/G	N
Total HpCDF	38998-75-3	ppt-TOC	15	15	100	346	66,500	--	--	25,700	25,700	23,100	23,100	8,570	25,300	NP	NP
Total HxCDD	34465-46-8	ppt-TOC	15	13	87	186	17,100	569	1,310	5,480	5,460	4,720	4,580	2,890	5,530	N	N
Total HxCDF	55684-94-1	ppt-TOC	15	13	87	346	47,200	242	509	15,800	15,800	15,000	14,500	5,510	15,600	N	N
Total PeCDD	36088-22-9	ppt-TOC	15	11	73	88.2	4,590	75.3	666	1,430	1,420	1,260	1,230	723	1,490	N/G	N/Ln
Total PeCDF	30402-15-4	ppt-TOC	15	12	80	537	94,600	107	840	17,500	17,500	24,400	23,500	4,970	12,100	G/Ln	Ln
Total TCDD	41903-57-5	ppt-TOC	15	11	73	122	48,800	39.7	451	7,590	7,590	12,000	11,600	1,780	5,210	NP	Ln
Total TCDF	55722-27-5	ppt-TOC	15	12	80	789	188,000	92.5	595	28,200	28,300	47,500	45,900	6,240	14,800	G/Ln	NP
Congener PCBs																	
PCB-105	32598-14-4	ppt-TOC	15	10	67	108,000	1,820,000	1,230	15,400	289,000	323,000	455,000	419,000	61,400	219,000	Ln	Ln
PCB-106/118	PCB-106/118	ppt-TOC	15	11	73	4,040	4,700,000	1,230	15,400	777,000	777,000	1,180,000	1,140,000	120,000	545,000	G	Ln
PCB-114	74472-37-0	ppt-TOC	15	10	67	6,480	121,000	1,230	15,400	19,200	20,400	29,600	28,000	9,430	12,800	Ln	Ln
PCB-123	65510-44-3	ppt-TOC	15	10	67	4,480	90,000	1,230	15,400	16,600	17,200	22,200	21,100	8,660	8,610	G/Ln	Ln
PCB-126	57465-28-8	ppt-TOC	15	10	67	1,460	16,700	1,230	15,400	4,780	4,430	3,870	3,660	3,580	3,760	G/Ln	Ln
PCB-156	38380-08-4	ppt-TOC	15	10	67	28,300	378,000	1,230	15,400	68,200	76,400	94,700	86,300	24,200	51,100	G/Ln	Ln
PCB-157	69782-90-7	ppt-TOC	15	10	67	6,340	82,800	1,230	15,400	16,400	17,600	20,200	18,800	9,060	11,600	G/Ln	Ln

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-167	52663-72-6	ppt-TOC	15	10	67	10,600	143,000	1,230	15,400	29,000	31,300	35,600	32,800	13,700	23,100	G/Ln	Ln
PCB-169	32774-16-6	ppt-TOC	15	0	0	--	--	242	15,400	--	--	--	--	--	--	--	--
PCB-170	35065-30-6	ppt-TOC	10	6	60	1,580	687,000	1,230	15,400	142,000	141,000	217,000	207,000	21,100	43,300	N/G/Ln	N/Ln
PCB-180	35065-29-3	ppt-TOC	10	6	60	4,110	1,640,000	1,230	15,400	351,000	351,000	522,000	495,000	37,300	125,000	N/G	N
PCB-189	39635-31-9	ppt-TOC	15	10	67	2,810	26,500	1,230	15,400	7,460	7,630	6,310	5,920	5,270	6,300	G/Ln	Ln
PCB-209	2051-24-3	ppt-TOC	15	11	73	2,660	230,000	1,850	23,100	94,200	93,400	78,300	76,500	37,700	92,600	N	N
PCB-77	32598-13-3	ppt-TOC	15	10	67	29,700	689,000	1,230	15,400	120,000	129,000	173,000	161,000	34,500	101,000	G/Ln	NP
PCB-81	70362-50-4	ppt-TOC	15	10	67	3,020	83,100	1,230	15,400	11,500	11,600	20,500	19,800	5,490	5,590	Ln	Ln
Subsurface (>3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	8	7	88	713	11,400	780	780	3,240	3,290	4,460	4,140	1,520	1,050	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	8	6	75	327	19,000	333	481	4,770	4,800	7,470	6,970	1,250	904	G/Ln	N/Ln
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	8	3	38	81.0	583	55.8	569	190	--	190	--	114	141	--	--
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	8	1	13	191	191	50.5	898	125	--	140	--	85.2	66.5	--	--
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	8	7	88	101	4,970	356	356	1,330	1,320	2,020	1,890	457	288	Ln	Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	8	3	38	88.7	663	118	927	262	--	265	--	157	85.3	--	--
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	8	7	88	77.5	1,700	336	336	568	562	696	655	283	167	G/Ln	Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	8	2	25	364	366	86.6	909	187	--	174	--	123	73.5	--	--
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	8	1	13	170	170	44.6	526	83.1	--	87.9	--	54.5	40.5	--	--
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	8	0	0	--	--	56.8	431	--	--	--	--	--	--	--	--
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	8	5	63	132	751	95.1	700	278	245	218	196	213	230	G/Ln	N/Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	8	6	75	77.5	648	390	586	234	209	186	179	186	173	G/Ln	G/Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	8	7	88	114	1,000	660	660	398	378	372	356	285	220	Ln	NP
2,3,7,8-TCDD	1746-01-6	ppt-TOC	8	5	63	89.9	2,370	46.4	59.6	755	778	1,030	950	193	152	N/G/Ln	N/G/Ln
2,3,7,8-TCDF	51207-31-9	ppt-TOC	8	6	75	197	706	90.2	542	313	333	206	176	247	244	N/G/Ln	N/Ln
OCDD	3268-87-9	ppt-TOC	8	7	88	27,800	111,000	2,190	2,190	48,900	52,300	36,900	30,900	30,100	37,000	G/Ln	N/Ln
OCDF	39001-02-0	ppt-TOC	8	7	88	1,150	37,700	1,740	1,740	8,980	9,050	14,100	13,100	3,220	1,760	NP	NP
Total HpCDD	37871-00-4	ppt-TOC	8	7	88	2,040	25,700	780	780	7,510	7,720	10,100	9,260	3,420	2,610	NP	N/Ln
Total HpCDF	38998-75-3	ppt-TOC	8	7	88	130	23,700	522	522	6,080	6,080	9,400	8,800	1,480	1,250	G/Ln	G/Ln
Total HxCDD	34465-46-8	ppt-TOC	8	7	88	647	6,290	912	912	2,120	2,160	2,410	2,230	1,310	929	NP	NP
Total HxCDF	55684-94-1	ppt-TOC	8	7	88	559	16,000	397	397	4,730	4,770	6,510	6,050	1,760	1,320	G/Ln	N/Ln
Total PeCDD	36088-22-9	ppt-TOC	8	6	75	125	1,010	431	2,190	469	385	374	275	362	337	N/G/Ln	G/Ln
Total PeCDF	30402-15-4	ppt-TOC	8	7	88	490	18,400	671	671	6,250	6,270	7,760	7,240	2,440	1,770	G/Ln	N/Ln
Total TCDD	41903-57-5	ppt-TOC	8	7	88	164	3,870	152	152	1,140	1,150	1,500	1,390	492	387	G/Ln	N/Ln
Total TCDF	55722-27-5	ppt-TOC	8	7	88	1,120	29,200	542	542	10,100	10,200	12,100	11,200	3,610	2,520	G/Ln	N/Ln
Congener PCBs																	
PCB-105	32598-14-4	ppt-TOC	8	5	63	1,180	224,000	1,130	7,220	58,900	58,800	98,400	92,200	7,770	7,360	G/Ln	N/G/Ln
PCB-106/118	PCB-106/118	ppt-TOC	8	6	75	3,220	682,000	1,130	7,220	179,000	179,000	299,000	280,000	19,500	17,100	G/Ln	N/G/Ln
PCB-114	74472-37-0	ppt-TOC	8	3	38	994	11,700	1,130	7,580	4,070	--	4,630	--	2,050	2,300	--	--

Table D-9
Summary Statistics
Newark Bay Study Area - Honeywell Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-123	65510-44-3	ppt-TOC	8	3	38	1,060	12,900	1,130	7,580	4,340	--	5,100	--	2,110	2,340	--	--
PCB-126	57465-28-8	ppt-TOC	8	2	25	2,890	3,550	1,030	7,580	2,010	--	1,580	--	1,380	1,730	--	--
PCB-156	38380-08-4	ppt-TOC	8	4	50	2,930	60,500	1,130	7,220	16,300	--	25,700	--	3,760	3,270	--	--
PCB-157	69782-90-7	ppt-TOC	8	3	38	1,710	14,400	1,130	7,580	4,740	--	5,610	--	2,300	2,660	--	--
PCB-167	52663-72-6	ppt-TOC	8	3	38	2,700	26,500	1,130	7,580	7,870	--	11,000	--	2,850	3,160	--	--
PCB-169	32774-16-6	ppt-TOC	8	0	0	--	--	1,030	7,580	--	--	--	--	--	--	--	--
PCB-170	35065-30-6	ppt-TOC	8	4	50	7,580	163,000	1,130	7,220	43,000	--	70,700	--	6,160	5,600	--	--
PCB-180	35065-29-3	ppt-TOC	8	6	75	1,780	427,000	1,130	7,220	116,000	116,000	182,000	170,000	14,400	10,400	G/Ln	N/G/Ln
PCB-189	39635-31-9	ppt-TOC	8	3	38	1,550	6,260	1,130	7,580	2,830	--	2,350	--	1,850	2,580	--	--
PCB-209	2051-24-3	ppt-TOC	8	5	63	2,510	782,000	1,700	10,800	125,000	125,000	269,000	252,000	13,100	8,950	G/Ln	N/G/Ln
PCB-77	32598-13-3	ppt-TOC	8	4	50	3,690	132,000	1,130	7,220	33,200	--	57,400	--	4,540	3,650	--	--
PCB-81	70362-50-4	ppt-TOC	8	3	38	988	9,660	1,130	7,580	3,620	--	3,830	--	1,960	2,300	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	63	4	6	178	7,600	115	2,550	399	--	999	--	201	145	--	--
Arsenic	7440-38-2	ppm-Al	63	63	100	475	9,340	--	--	1,550	1,550	1,440	1,440	1,260	1,080	NP	NP
Barium	7440-39-3	ppm-Al	63	63	100	2,300	28,500	--	--	12,000	12,000	5,410	5,410	10,800	11,500	N/G/Ln	N/G/Ln
Beryllium	7440-41-7	ppm-Al	63	46	73	39.9	80.4	28.2	214	56.9	60.4	16.7	9.7	54.2	59.3	N/G	NP
Cadmium	7440-43-9	ppm-Al	63	44	70	31.3	673	15.6	214	146	147	155	153	90.2	89.5	Ln	NP
Calcium	7440-70-2	ppm-Al	63	63	100	120,000	6,050,000	--	--	929,000	929,000	988,000	988,000	679,000	577,000	NP	NP
Chromium	7440-47-3	ppm-Al	63	63	100	2,330	629,000	--	--	44,400	44,400	84,200	84,200	24,300	25,200	Ln	Ln
Cobalt	7440-48-4	ppm-Al	63	59	94	638	2,600	969	2,140	933	939	279	272	907	868	NP	NP
Copper	7440-50-8	ppm-Al	63	63	100	1,040	57,200	--	--	13,900	13,900	10,400	10,400	11,300	11,300	G/Ln	G/Ln
Iron	7439-89-6	ppm-Al	63	63	100	1,890,000	3,710,000	--	--	2,410,000	2,410,000	361,000	361,000	2,380,000	2,400,000	G/Ln	G/Ln
Lead	7439-92-1	ppm-Al	63	63	100	858	41,900	--	--	14,500	14,500	8,940	8,940	12,000	12,500	G	G
Magnesium	7439-95-4	ppm-Al	63	63	100	436,000	1,830,000	--	--	611,000	611,000	199,000	199,000	592,000	595,000	NP	NP
Manganese	7439-96-5	ppm-Al	63	63	100	19,200	72,200	--	--	32,200	32,200	8,270	8,270	31,300	31,700	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm-Al	63	63	100	2.8	5,290	--	--	521	521	886	886	276	288	NP	NP
Nickel	7440-02-0	ppm-Al	63	63	100	1,620	21,300	--	--	3,890	3,890	2,900	2,900	3,410	3,180	NP	NP
Potassium	7440-09-7	ppm-Al	63	63	100	43,700	338,000	--	--	179,000	179,000	42,100	42,100	174,000	177,000	NP	NP
Selenium	7782-49-2	ppm-Al	63	14	22	151	296	115	420	134	171	58.8	35.8	123	105	N/G/Ln	NP
Silver	7440-22-4	ppm-Al	63	43	68	90.6	704	38.3	414	192	203	144	134	146	150	G/Ln	Ln
Sodium	7440-23-5	ppm-Al	63	63	100	192,000	812,000	--	--	501,000	501,000	128,000	128,000	484,000	482,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Al	63	0	0	--	--	78.0	504	--	--	--	--	--	--	--	--
Vanadium	7440-62-2	ppm-Al	63	63	100	2,160	7,640	--	--	3,180	3,180	1,100	1,100	3,060	2,820	NP	NP
Zinc	7440-66-6	ppm-Al	63	63	100	4,560	81,600	--	--	29,900	29,900	17,400	17,400	25,500	24,900	G/Ln	G/Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	22	1	5	229	229	94.9	2,390	229	--	250	--	163	121	--	--
Arsenic	7440-38-2	ppm-Al	22	20	91	310	4,290	202	294	1,260	1,270	943	902	934	983	G/Ln	Ln
Barium	7440-39-3	ppm-Al	22	22	100	1,240	49,100	--	--	12,500	12,500	10,300	10,300	9,060	9,760	G	G

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Beryllium	7440-41-7	ppm-Al	22	17	77	30.3	76.3	52.7	199	55.7	56.9	17.6	12.5	52.9	59.8	NP	NP
Cadmium	7440-43-9	ppm-Al	22	11	50	82.3	815	14.5	199	154	182	215	194	64.7	90.9	Ln	NP
Calcium	7440-70-2	ppm-Al	22	22	100	96,300	3,820,000	--	--	624,000	624,000	763,000	763,000	433,000	455,000	NP	NP
Chromium	7440-47-3	ppm-Al	22	22	100	1,580	192,000	--	--	31,500	31,500	47,600	47,600	13,600	14,400	G/Ln	G/Ln
Cobalt	7440-48-4	ppm-Al	22	21	96	513	972	1,990	1,990	817	809	122	116	807	836	N/G	N
Copper	7440-50-8	ppm-Al	22	22	100	769	37,200	--	--	11,200	11,200	9,530	9,530	7,210	10,400	G/Ln	G/Ln
Iron	7439-89-6	ppm-Al	22	22	100	1,390,000	2,780,000	--	--	2,230,000	2,230,000	374,000	374,000	2,200,000	2,350,000	N/G/Ln	N/G/Ln
Lead	7439-92-1	ppm-Al	22	22	100	657	33,200	--	--	11,700	11,700	9,320	9,320	7,050	11,000	NP	NP
Magnesium	7439-95-4	ppm-Al	22	22	100	258,000	817,000	--	--	528,000	528,000	113,000	113,000	516,000	532,000	N/G	N/G
Manganese	7439-96-5	ppm-Al	22	22	100	12,700	93,700	--	--	32,800	32,800	16,500	16,500	29,800	30,400	G/Ln	G/Ln
Mercury	7439-97-6	ppm-Al	22	19	86	3.2	4,000	2.1	7.4	530	530	951	929	127	255	G/Ln	Ln
Nickel	7440-02-0	ppm-Al	22	22	100	1,240	5,030	--	--	2,750	2,750	1,030	1,030	2,570	2,570	N/G/Ln	N/G/Ln
Potassium	7440-09-7	ppm-Al	22	22	100	67,100	372,000	--	--	182,000	182,000	63,600	63,600	171,000	171,000	NP	NP
Selenium	7782-49-2	ppm-Al	22	4	18	174	184	94.9	399	115	--	45.9	--	106	99.8	--	--
Silver	7440-22-4	ppm-Al	22	12	55	75.9	589	35.2	399	172	184	174	160	103	107	G/Ln	NP
Sodium	7440-23-5	ppm-Al	22	22	100	196,000	807,000	--	--	466,000	466,000	157,000	157,000	439,000	474,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Al	22	0	0	--	--	89.7	399	--	--	--	--	--	--	--	--
Vanadium	7440-62-2	ppm-Al	22	22	100	1,860	6,700	--	--	3,070	3,070	1,110	1,110	2,930	2,690	Ln	Ln
Zinc	7440-66-6	ppm-Al	22	22	100	3,990	61,000	--	--	22,700	22,700	16,700	16,700	16,800	20,200	G/Ln	G/Ln
Subsurface (>3.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	21	1	5	215	215	96.0	417	98.0	--	48.1	--	89.3	81.0	--	--
Arsenic	7440-38-2	ppm-Al	21	18	86	181	6,440	231	313	1,820	1,820	1,660	1,610	1,060	1,420	G/Ln	N/Ln
Barium	7440-39-3	ppm-Al	21	21	100	1,320	40,300	--	--	14,100	14,100	10,700	10,700	9,720	10,500	N/G	N/G
Beryllium	7440-41-7	ppm-Al	21	21	100	25.6	72.5	--	--	60.1	60.1	10.6	10.6	58.9	62.5	NP	NP
Cadmium	7440-43-9	ppm-Al	21	14	67	27.9	794	13.5	35.1	147	152	217	209	59.2	93.0	G/Ln	NP
Calcium	7440-70-2	ppm-Al	21	21	100	83,500	2,590,000	--	--	613,000	613,000	634,000	634,000	410,000	445,000	G/Ln	G/Ln
Chromium	7440-47-3	ppm-Al	21	21	100	1,620	107,000	--	--	29,200	29,200	31,900	31,900	13,500	20,100	G	G
Cobalt	7440-48-4	ppm-Al	21	21	100	375	1,030	--	--	800	800	153	153	782	816	NP	NP

Table D-9
Summary Statistics
Newark Bay Study Area - Honeywell Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Copper	7440-50-8	ppm-Al	21	21	100	575	30,400	--	--	11,600	11,600	9,490	9,490	6,660	11,900	N/G	N/G
Iron	7439-89-6	ppm-Al	21	21	100	1,260,000	2,860,000	--	--	2,210,000	2,210,000	439,000	439,000	2,160,000	2,350,000	NP	NP
Lead	7439-92-1	ppm-Al	21	21	100	475	38,500	--	--	13,100	13,100	11,100	11,100	6,460	12,600	N	N
Magnesium	7439-95-4	ppm-Al	21	21	100	300,000	865,000	--	--	534,000	534,000	130,000	130,000	518,000	544,000	N/G/Ln	N/G/Ln
Manganese	7439-96-5	ppm-Al	21	21	100	10,000	83,500	--	--	33,700	33,700	17,700	17,700	29,500	32,400	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm-Al	21	16	76	4.2	3,810	2.7	6.0	475	476	836	816	86.6	248	G	NP
Nickel	7440-02-0	ppm-Al	21	21	100	1,450	4,750	--	--	2,720	2,720	847	847	2,600	2,700	N/G/Ln	N/G/Ln
Potassium	7440-09-7	ppm-Al	21	21	100	79,600	202,000	--	--	159,000	159,000	36,500	36,500	154,000	169,000	NP	NP
Selenium	7782-49-2	ppm-Al	21	0	0	--	--	96.0	319	--	--	--	--	--	--	--	--
Silver	7440-22-4	ppm-Al	21	14	67	45.8	525	23.7	102	137	144	135	126	83.2	89.4	G/Ln	N/Ln
Sodium	7440-23-5	ppm-Al	21	21	100	120,000	709,000	--	--	318,000	318,000	165,000	165,000	280,000	290,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Al	21	0	0	--	--	73.8	347	--	--	--	--	--	--	--	--
Vanadium	7440-62-2	ppm-Al	21	21	100	1,400	5,940	--	--	2,630	2,630	930	930	2,500	2,480	G/Ln	G/Ln
Zinc	7440-66-6	ppm-Al	21	21	100	3,610	60,100	--	--	23,400	23,400	17,300	17,300	16,200	23,000	N	N

Table D-9
Summary Statistics
Newark Bay Study Area - Honeywell Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	63	63	100	270,000	529,000	--	--	424,000	424,000	58,700	58,700	420,000	416,000	N/G/Ln	N/G/Ln
Antimony	7440-36-0	ppm-Fe	63	4	6	59.1	3,690	46.9	945	182	--	486	--	84.3	56.5	--	--
Arsenic	7440-38-2	ppm-Fe	63	63	100	184	3,630	--	--	639	639	563	563	528	434	NP	NP
Barium	7440-39-3	ppm-Fe	63	63	100	1,130	10,200	--	--	4,970	4,970	2,100	2,100	4,540	4,550	G/Ln	G/Ln
Beryllium	7440-41-7	ppm-Fe	63	46	73	15.0	31.6	9.5	78.4	23.8	24.8	6.3	4.4	22.7	24.4	G	NP
Cadmium	7440-43-9	ppm-Fe	63	44	70	12.9	301	7.7	78.4	59.0	59.7	62.8	61.9	37.8	40.4	Ln	Ln
Calcium	7440-70-2	ppm-Fe	63	63	100	43,200	2,940,000	--	--	383,000	383,000	427,000	427,000	285,000	239,000	NP	NP
Chromium	7440-47-3	ppm-Fe	63	63	100	989	237,000	--	--	17,800	17,800	31,800	31,800	10,200	10,400	Ln	Ln
Cobalt	7440-48-4	ppm-Fe	63	59	94	271	978	450	784	389	392	94.9	92.6	380	372	Ln	NP
Copper	7440-50-8	ppm-Fe	63	63	100	509	22,700	--	--	5,710	5,710	4,010	4,010	4,720	4,850	NP	NP
Lead	7439-92-1	ppm-Fe	63	63	100	422	15,100	--	--	5,890	5,890	3,220	3,220	5,030	4,830	G	G
Magnesium	7439-95-4	ppm-Fe	63	63	100	156,000	691,000	--	--	254,000	254,000	68,600	68,600	249,000	249,000	NP	NP
Manganese	7439-96-5	ppm-Fe	63	63	100	8,310	31,600	--	--	13,500	13,500	3,340	3,340	13,100	13,800	G/Ln	G/Ln
Mercury	7439-97-6	ppm-Fe	63	63	100	1.4	2,060	--	--	211	211	347	347	116	123	NP	NP
Nickel	7440-02-0	ppm-Fe	63	63	100	713	8,030	--	--	1,600	1,600	1,090	1,090	1,430	1,290	NP	NP
Potassium	7440-09-7	ppm-Fe	63	63	100	16,500	148,000	--	--	77,000	77,000	24,900	24,900	73,000	71,300	Ln	Ln
Selenium	7782-49-2	ppm-Fe	63	14	22	61.8	135	38.6	188	57.5	72.0	27.6	18.3	51.7	44.3	N/G/Ln	NP
Silver	7440-22-4	ppm-Fe	63	43	68	33.3	279	18.8	162	78.7	82.1	56.1	53.0	61.2	70.8	G/Ln	Ln
Sodium	7440-23-5	ppm-Fe	63	63	100	69,000	335,000	--	--	213,000	213,000	60,300	60,300	203,000	210,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Fe	63	0	0	--	--	38.3	226	--	--	--	--	--	--	--	--
Vanadium	7440-62-2	ppm-Fe	63	63	100	970	2,730	--	--	1,310	1,310	336	336	1,280	1,220	NP	NP
Zinc	7440-66-6	ppm-Fe	63	63	100	2,240	29,600	--	--	12,200	12,200	6,300	6,300	10,700	10,100	G/Ln	G/Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	22	22	100	360,000	721,000	--	--	462,000	462,000	91,400	91,400	454,000	426,000	G/Ln	G/Ln
Antimony	7440-36-0	ppm-Fe	22	1	5	83.3	83.3	40.0	914	103	--	101	--	74.2	53.3	--	--
Arsenic	7440-38-2	ppm-Fe	22	20	91	169	1,560	113	128	541	551	342	321	425	445	G/Ln	N/Ln
Barium	7440-39-3	ppm-Fe	22	22	100	824	19,000	--	--	5,260	5,260	3,830	3,830	4,120	4,800	G	G
Beryllium	7440-41-7	ppm-Fe	22	17	77	19.3	32.9	30.1	76.1	24.7	25.8	5.8	3.3	24.0	24.5	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Fe	22	11	50	34.7	332	7.2	76.1	65.4	76.6	90.5	82.0	29.4	36.0	G/Ln	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Calcium	7440-70-2	ppm-Fe	22	22	100	61,200	1,460,000	--	--	263,000	263,000	287,000	287,000	197,000	203,000	NP	NP
Chromium	7440-47-3	ppm-Fe	22	22	100	1,010	69,700	--	--	12,800	12,800	17,900	17,900	6,180	6,020	Ln	Ln
Cobalt	7440-48-4	ppm-Fe	22	21	96	279	514	761	761	369	369	46.6	46.5	367	363	G/Ln	G/Ln
Copper	7440-50-8	ppm-Fe	22	22	100	419	13,500	--	--	4,800	4,800	3,730	3,730	3,280	4,380	G	G
Lead	7439-92-1	ppm-Fe	22	22	100	295	13,200	--	--	5,020	5,020	3,730	3,730	3,200	4,870	NP	NP
Magnesium	7439-95-4	ppm-Fe	22	22	100	186,000	312,000	--	--	237,000	237,000	31,800	31,800	235,000	236,000	N/G/Ln	N/G/Ln
Manganese	7439-96-5	ppm-Fe	22	22	100	8,070	35,800	--	--	14,300	14,300	5,760	5,760	13,500	13,500	G/Ln	G/Ln
Mercury	7439-97-6	ppm-Fe	22	19	86	1.7	1,630	1.0	3.3	219	219	375	366	57.4	109	G/Ln	Ln
Nickel	7440-02-0	ppm-Fe	22	22	100	635	2,050	--	--	1,220	1,220	380	380	1,170	1,170	N/G/Ln	N/G/Ln
Potassium	7440-09-7	ppm-Fe	22	22	100	43,600	142,000	--	--	82,500	82,500	28,900	28,900	77,800	72,100	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Fe	22	4	18	85.5	103	40.0	161	53.8	--	25.2	--	48.4	44.1	--	--
Silver	7440-22-4	ppm-Fe	22	12	55	29.6	240	17.4	152	74.5	77.9	71.1	66.5	46.8	42.6	N/G/Ln	NP
Sodium	7440-23-5	ppm-Fe	22	22	100	92,500	345,000	--	--	209,000	209,000	61,300	61,300	200,000	224,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Fe	22	0	0	--	--	41.7	182	--	--	--	--	--	--	--	--
Vanadium	7440-62-2	ppm-Fe	22	22	100	976	2,730	--	--	1,370	1,370	376	376	1,330	1,310	G	G
Zinc	7440-66-6	ppm-Fe	22	22	100	2,000	24,900	--	--	9,800	9,800	6,640	6,640	7,650	8,900	G/Ln	G/Ln
Subsurface (>3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	21	21	100	350,000	792,000	--	--	476,000	476,000	127,000	127,000	463,000	425,000	NP	NP
Antimony	7440-36-0	ppm-Fe	21	1	5	75.1	75.1	44.8	258	49.1	--	33.8	--	41.4	34.5	--	--
Arsenic	7440-38-2	ppm-Fe	21	18	86	78.8	2,250	143	225	752	754	613	596	489	605	N/G/Ln	N/Ln
Barium	7440-39-3	ppm-Fe	21	21	100	815	17,100	--	--	5,970	5,970	4,320	4,320	4,500	5,120	N/G/Ln	N/G/Ln
Beryllium	7440-41-7	ppm-Fe	21	21	100	18.3	39.6	--	--	27.6	27.6	4.3	4.3	27.3	27.2	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Fe	21	14	67	12.9	346	5.7	25.2	62.6	64.5	93.4	90.0	27.4	35.6	G/Ln	Ln
Calcium	7440-70-2	ppm-Fe	21	21	100	66,100	1,130,000	--	--	263,000	263,000	266,000	266,000	190,000	180,000	Ln	Ln
Chromium	7440-47-3	ppm-Fe	21	21	100	941	45,500	--	--	12,300	12,300	13,500	13,500	6,230	8,520	G	G
Cobalt	7440-48-4	ppm-Fe	21	21	100	262	544	--	--	367	367	61.2	61.2	362	352	G/Ln	G/Ln
Copper	7440-50-8	ppm-Fe	21	21	100	413	13,300	--	--	4,850	4,850	3,800	3,800	3,090	4,780	N/G	N/G
Lead	7439-92-1	ppm-Fe	21	21	100	376	13,500	--	--	5,420	5,420	4,310	4,310	2,990	5,120	NP	NP
Magnesium	7439-95-4	ppm-Fe	21	21	100	162,000	376,000	--	--	243,000	243,000	41,000	41,000	240,000	238,000	NP	NP
Manganese	7439-96-5	ppm-Fe	21	21	100	7,940	36,300	--	--	14,800	14,800	6,800	6,800	13,600	14,100	G/Ln	G/Ln
Mercury	7439-97-6	ppm-Fe	21	16	76	1.8	1,630	1.1	3.9	201	201	358	349	40.1	115	G	Ln

Table D-9
Summary Statistics
Newark Bay Study Area - Honeywell Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Nickel	7440-02-0	ppm-Fe	21	21	100	877	1,920	--	--	1,220	1,220	239	239	1,200	1,160	G/Ln	G/Ln
Potassium	7440-09-7	ppm-Fe	21	21	100	49,200	88,000	--	--	72,000	72,000	10,800	10,800	71,200	71,200	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Fe	21	0	0	--	--	44.8	229	--	--	--	--	--	--	--	--
Silver	7440-22-4	ppm-Fe	21	14	67	22.4	229	10.3	62.9	58.9	62.0	56.3	52.6	38.5	35.6	G/Ln	N/Ln
Sodium	7440-23-5	ppm-Fe	21	21	100	49,100	299,000	--	--	143,000	143,000	63,700	63,700	130,000	130,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Fe	21	0	0	--	--	31.6	229	--	--	--	--	--	--	--	--
Vanadium	7440-62-2	ppm-Fe	21	21	100	984	2,590	--	--	1,190	1,190	341	341	1,160	1,110	NP	NP
Zinc	7440-66-6	ppm-Fe	21	21	100	2,000	26,200	--	--	9,940	9,940	6,860	6,860	7,490	9,400	N/G	N/G

Table D-9
Summary Statistics
Newark Bay Study Area - Honeywell Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Organotins																	
Dibutyltin	1191-48-6	ppb-TOC	31	11	36	110	400	36	620	120	150	99	68	87	90	N/G/Ln	NP
Monobutyltin	78763-54-9	ppb-TOC	31	0	0	--	--	27	500	--	--	--	--	--	--	--	--
Tetrabutyltin	1461-25-2	ppb-TOC	31	2	7	240	330	47	830	100	--	95	--	75	65	--	--
Tributyltin	688-73-3	ppb-TOC	31	10	32	110	570	41	750	140	160	130	100	96	95	N/G/Ln	NP
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb-TOC	26	0	0	--	--	300	18,000	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb-TOC	26	0	0	--	--	630	36,000	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb-TOC	26	0	0	--	--	300	18,000	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb-TOC	26	0	0	--	--	300	18,000	--	--	--	--	--	--	--	--
Aroclor-1248	12672-29-6	ppb-TOC	26	10	39	1,200	8,000	300	18,000	2,500	2,200	2,500	1,900	1,700	1,300	G/Ln	NP
Aroclor-1254	11097-69-1	ppb-TOC	26	0	0	--	--	300	18,000	--	--	--	--	--	--	--	--
Aroclor-1260	11096-82-5	ppb-TOC	26	10	39	570	6,400	300	18,000	2,400	1,900	2,400	1,700	1,600	1,300	N/G/Ln	NP
Total Aroclor PCBs	No CAS	ppb-TOC	26	12	46	1,300	13,000	630	36,000	4,900	3,900	4,600	3,100	3,400	3,200	Ln	NP
Pesticides																	
4,4'-DDD	72-54-8	ppb-TOC	73	24	33	140	9,200	44	5,300	760	480	1,200	1,100	450	410	NP	NP
4,4'-DDE	72-55-9	ppb-TOC	73	34	47	130	6,600	190	5,300	1,300	1,100	1,300	1,400	760	790	G/Ln	NP
4,4'-DDT	50-29-3	ppb-TOC	73	7	10	140	1,300	30	5,300	540	190	590	170	300	250	G/Ln	NP
Aldrin	309-00-2	ppb-TOC	73	0	0	--	--	15	3,300	--	--	--	--	--	--	--	--
Alpha-BHC	319-84-6	ppb-TOC	73	0	0	--	--	15	3,300	--	--	--	--	--	--	--	--
Alpha-Chlordane	5103-71-9	ppb-TOC	41	2	5	120	140	15	2,700	330	--	370	--	130	80	--	--
Beta-BHC	319-85-7	ppb-TOC	73	1	1	270	270	15	3,300	340	--	340	--	180	250	--	--
Delta-BHC	319-86-8	ppb-TOC	73	0	0	--	--	15	3,300	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb-TOC	73	5	7	570	1,400	30	5,300	550	600	610	130	280	250	N/G/Ln	NP
Endosulfan I	959-98-8	ppb-TOC	73	9	12	50	720	15	3,300	370	110	340	150	220	250	G/Ln	NP
Endosulfan II	33213-65-9	ppb-TOC	73	0	0	--	--	30	5,300	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb-TOC	73	1	1	1,000	1,000	30	5,300	520	--	600	--	260	250	--	--
Endrin	72-20-8	ppb-TOC	73	6	8	120	1,100	30	5,300	530	170	590	150	290	250	G/Ln	NP
Endrin Aldehyde	7421-93-4	ppb-TOC	73	4	6	280	7,300	30	5,300	640	--	1,000	--	280	250	--	--
Endrin Ketone	53494-70-5	ppb-TOC	73	11	15	280	4,900	30	5,300	690	500	820	650	320	280	G/Ln	NP
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	73	0	0	--	--	15	3,300	--	--	--	--	--	--	--	--
Gamma-Chlordane	5566-34-7	ppb-TOC	15	0	0	--	--	940	2,700	--	--	--	--	--	--	--	--
Heptachlor	76-44-8	ppb-TOC	73	2	3	480	4,700	15	3,300	400	--	620	--	190	250	--	--
Heptachlor Epoxide	1024-57-3	ppb-TOC	73	2	3	560	11,000	15	3,300	490	--	1,300	--	190	250	--	--
Methoxychlor	72-43-5	ppb-TOC	73	7	10	410	2,400	190	27,000	2,100	500	3,100	300	740	470	G/Ln	NP
Total Alpha + Gamma Chlordane	No CAS	ppb-TOC	15	0	0	--	--	940	2,700	--	--	--	--	--	--	--	--
Total DDT (4,4)	No CAS	ppb-TOC	73	34	47	130	15,000	190	5,300	1,600	1,400	2,100	2,200	880	1,100	G/Ln	NP
Toxaphene	8001-35-2	ppb-TOC	73	0	0	--	--	1,500	93,000	--	--	--	--	--	--	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Semivolatiles																	
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	32	10	31	460	17,000	920	17,000	2,500	1,900	3,100	2,800	1,800	1,600	Ln	NP
1,2-Dichlorobenzene	95-50-1	ppb-TOC	32	6	19	510	1,500	9,200	170,000	17,000	740	17,000	350	9,300	13,000	NP	NP
1,3-Dichlorobenzene	541-73-1	ppb-TOC	32	6	19	690	1,300	9,200	170,000	17,000	820	17,000	220	9,600	13,000	NP	NP
1,4-Dichlorobenzene	106-46-7	ppb-TOC	32	23	72	480	4,900	21,000	170,000	9,300	2,600	16,000	1,200	4,200	3,200	N/G/Ln	N
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	32	0	0	--	--	37,000	660,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	32	0	0	--	--	1,900	33,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	32	0	0	--	--	1,900	33,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	44	43	98	450	21,000	170,000	170,000	6,100	4,300	13,000	4,200	3,200	2,800	Ln	Ln
2-Methylphenol	95-48-7	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	32	0	0	--	--	19,000	330,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	32	0	0	--	--	19,000	330,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb-TOC	32	0	0	--	--	19,000	330,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	32	0	0	--	--	37,000	660,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	32	17	53	3.1	61	9,200	170,000	11,000	16	19,000	16	360	57	Ln	NP
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	32	19	59	1,200	22,000	9,200	170,000	14,000	5,100	18,000	5,400	7,000	7,500	G/Ln	NP
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	32	24	75	450	17,000	21,000	170,000	9,400	3,100	16,000	3,300	3,900	3,300	G/Ln	G/Ln
4-Nitroaniline	100-01-6	ppb-TOC	32	0	0	--	--	19,000	330,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	32	0	0	--	--	37,000	660,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	51	46	90	920	400,000	120,000	260,000	26,000	18,000	62,000	57,000	7,300	4,900	NP	NP
Acenaphthylene	208-96-8	ppb-TOC	51	47	92	510	42,000	120,000	330,000	21,000	13,000	32,000	9,000	12,000	10,000	G	G
Anthracene	120-12-7	ppb-TOC	51	50	98	5,100	180,000	120,000	120,000	33,000	32,000	39,000	38,000	22,000	19,000	NP	Ln
Benzo(a)anthracene	56-55-3	ppb-TOC	51	51	100	17,000	270,000	--	--	72,000	72,000	57,000	57,000	57,000	51,000	Ln	Ln
Benzo(a)pyrene	50-32-8	ppb-TOC	51	51	100	12,000	200,000	--	--	56,000	56,000	37,000	37,000	46,000	45,000	G/Ln	G/Ln
Benzo(b)fluoranthene	205-99-2	ppb-TOC	51	51	100	12,000	180,000	--	--	46,000	46,000	30,000	30,000	38,000	38,000	G/Ln	G/Ln
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	51	51	100	4,400	100,000	--	--	30,000	30,000	20,000	20,000	24,000	26,000	G/Ln	G/Ln
Benzo(k)fluoranthene	207-08-9	ppb-TOC	51	51	100	14,000	150,000	--	--	50,000	50,000	32,000	32,000	43,000	37,000	NP	NP
Biphenyl	92-52-4	ppb-TOC	12	10	83	260	1,300	28	110	740	780	450	380	460	840	N/G/Ln	N
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	32	1	3	6,900	6,900	920	17,000	2,100	--	1,800	--	1,700	1,400	--	--

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Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	32	30	94	8,800	740,000	21,000	82,000	170,000	170,000	170,000	170,000	100,000	97,000	G/Ln	Ln
Butyl benzyl phthalate	85-68-7	ppb-TOC	32	2	6	7,100	21,000	9,200	170,000	20,000	--	16,000	--	16,000	14,000	--	--
Carbazole	86-74-8	ppb-TOC	32	30	94	800	9,100	39,000	170,000	5,500	2,400	15,000	1,800	2,400	1,900	G/Ln	G/Ln
Chrysene	218-01-9	ppb-TOC	51	51	100	19,000	330,000	--	--	83,000	83,000	64,000	64,000	66,000	56,000	Ln	Ln
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	51	42	82	2,000	28,000	2,000	330,000	18,000	8,100	34,000	5,400	8,500	7,300	G	Ln
Dibenzofuran	132-64-9	ppb-TOC	44	43	98	560	51,000	39,000	39,000	5,000	4,600	8,300	7,900	2,900	2,700	NP	NP
Diethyl phthalate	84-66-2	ppb-TOC	32	1	3	20,000	20,000	9,200	170,000	19,000	--	16,000	--	16,000	14,000	--	--
Dimethylphthalate	131-11-3	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	32	1	3	8,000	8,000	9,200	170,000	19,000	--	16,000	--	16,000	13,000	--	--
Di-n-Octylphthalate	117-84-0	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	ppb-TOC	51	51	100	20,000	720,000	--	--	120,000	120,000	140,000	140,000	85,000	78,000	Ln	Ln
Fluorene	86-73-7	ppb-TOC	51	41	80	860	61,000	25,000	260,000	18,000	6,800	31,000	9,800	6,700	4,800	Ln	NP
Hexachlorobenzene	118-74-1	ppb-TOC	32	0	0	--	--	920	17,000	--	--	--	--	--	--	--	--
Hexachlorobutadiene	87-68-3	ppb-TOC	32	0	0	--	--	1,900	33,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	32	0	0	--	--	920	17,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	51	51	100	4,400	89,000	--	--	28,000	28,000	18,000	18,000	23,000	26,000	N/G/Ln	N/G/Ln
Isophorone	78-59-1	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb-TOC	51	48	94	1,600	130,000	120,000	240,000	30,000	26,000	35,000	32,000	15,000	13,000	Ln	Ln
Nitrobenzene	98-95-3	ppb-TOC	32	3	9	650	8,600	920	17,000	2,200	--	2,000	--	1,700	1,500	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	32	0	0	--	--	920	17,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	32	3	9	3,600	11,000	9,200	170,000	18,000	--	16,000	--	14,000	13,000	--	--
Pentachlorophenol	87-86-5	ppb-TOC	32	0	0	--	--	37,000	660,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb-TOC	51	51	100	2,600	230,000	--	--	36,000	36,000	41,000	41,000	24,000	21,000	Ln	Ln
Phenol	108-95-2	ppb-TOC	32	0	0	--	--	9,200	170,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb-TOC	51	51	100	36,000	650,000	--	--	160,000	160,000	130,000	130,000	130,000	120,000	Ln	Ln
Total HMW PAHs-SVOC	No CAS	ppb-TOC	51	51	100	180,000	2,600,000	--	--	660,000	660,000	500,000	500,000	530,000	480,000	G/Ln	G/Ln
Total LMW PAHs-SVOC	No CAS	ppb-TOC	44	44	100	20,000	800,000	--	--	120,000	120,000	140,000	140,000	82,000	72,000	Ln	Ln
TOTAL PAHs - SVOC	No CAS	ppb-TOC	44	44	100	230,000	3,200,000	--	--	710,000	710,000	550,000	550,000	580,000	540,000	G/Ln	G/Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Organotins																	
Dibutyltin	1191-48-6	ppb-TOC	10	1	10	740	740	30	490	140	--	230	--	62	37	--	--
Monobutyltin	78763-54-9	ppb-TOC	10	0	0	--	--	23	370	--	--	--	--	--	--	--	--
Tetrabutyltin	1461-25-2	ppb-TOC	10	0	0	--	--	40	610	--	--	--	--	--	--	--	--
Tributyltin	688-73-3	ppb-TOC	10	1	10	240	240	35	550	100	--	100	--	63	43	--	--

Table D-9
Summary Statistics
Newark Bay Study Area - Honeywell Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Pesticides																	
4,4'-DDD	72-54-8	ppb-TOC	15	2	13	500	1,000	340	3,400	800	--	550	--	590	1,000	--	--
4,4'-DDE	72-55-9	ppb-TOC	15	3	20	1,200	7,200	340	3,400	1,400	--	1,700	--	790	1,200	--	--
4,4'-DDT	50-29-3	ppb-TOC	15	1	7	450	450	260	3,400	740	--	570	--	510	450	--	--
Aldrin	309-00-2	ppb-TOC	15	0	0	--	--	160	2,500	--	--	--	--	--	--	--	--
Alpha-BHC	319-84-6	ppb-TOC	15	0	0	--	--	160	2,500	--	--	--	--	--	--	--	--
Alpha-Chlordane	5103-71-9	ppb-TOC	5	0	0	--	--	1,100	1,700	--	--	--	--	--	--	--	--
Beta-BHC	319-85-7	ppb-TOC	15	1	7	330	330	160	2,500	510	--	350	--	390	360	--	--
Delta-BHC	319-86-8	ppb-TOC	15	0	0	--	--	160	2,500	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb-TOC	15	1	7	1,200	1,200	160	3,400	780	--	580	--	530	1,000	--	--
Endosulfan I	959-98-8	ppb-TOC	15	0	0	--	--	160	2,500	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb-TOC	15	0	0	--	--	160	3,400	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb-TOC	15	0	0	--	--	160	3,400	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb-TOC	15	0	0	--	--	160	3,400	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb-TOC	15	1	7	610	610	160	3,400	740	--	570	--	500	610	--	--
Endrin Ketone	53494-70-5	ppb-TOC	15	3	20	230	2,900	340	3,400	980	--	780	--	660	1,100	--	--
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	15	1	7	230	230	260	2,500	500	--	350	--	390	360	--	--
Gamma-Chlordane	5566-34-7	ppb-TOC	5	0	0	--	--	1,100	1,700	--	--	--	--	--	--	--	--
Heptachlor	76-44-8	ppb-TOC	15	1	7	930	930	160	2,500	550	--	370	--	420	550	--	--
Heptachlor Epoxide	1024-57-3	ppb-TOC	15	1	7	890	890	160	2,500	540	--	360	--	410	550	--	--
Methoxychlor	72-43-5	ppb-TOC	15	3	20	300	890	350	17,000	2,700	--	3,300	--	1,000	890	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb-TOC	5	0	0	--	--	1,100	1,700	--	--	--	--	--	--	--	--
Total DDT (4,4)	No CAS	ppb-TOC	15	3	20	1,200	8,100	340	3,400	1,500	--	2,000	--	820	1,200	--	--
Toxaphene	8001-35-2	ppb-TOC	15	0	0	--	--	1,600	34,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	10	1	10	950	950	1,200	35,000	3,700	--	5,200	--	2,000	1,400	--	--
1,2-Dichlorobenzene	95-50-1	ppb-TOC	10	1	10	830	830	12,000	350,000	36,000	--	53,000	--	15,000	14,000	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	10	1	10	1,100	1,100	12,000	350,000	36,000	--	53,000	--	16,000	14,000	--	--
1,4-Dichlorobenzene	106-46-7	ppb-TOC	10	3	30	810	3,400	22,000	350,000	35,000	--	53,000	--	12,000	14,000	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	10	0	0	--	--	49,000	1,400,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	10	0	0	--	--	2,600	70,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	10	0	0	--	--	2,600	70,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	10	7	70	1,800	51,000	23,000	350,000	34,000	13,000	54,000	15,000	13,000	12,000	G/Ln	G/Ln

Table D-9
Summary Statistics
Newark Bay Study Area - Honeywell Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2-Methylphenol	95-48-7	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	10	0	0	--	--	26,000	700,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	10	0	0	--	--	26,000	700,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb-TOC	10	0	0	--	--	26,000	700,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	10	0	0	--	--	49,000	1,400,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	10	4	40	13	22	15,000	120,000	16,000	--	22,000	--	1,300	9,300	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	10	2	20	2,400	3,200	15,000	350,000	36,000	--	53,000	--	16,000	14,000	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	10	5	50	1,000	3,000	23,000	350,000	29,000	1,900	54,000	870	7,400	7,300	N/G/Ln	N/G/Ln
4-Nitroaniline	100-01-6	ppb-TOC	10	0	0	--	--	26,000	700,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	10	0	0	--	--	49,000	1,400,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	15	9	60	660	79,000	120,000	350,000	52,000	25,000	47,000	25,000	26,000	45,000	N/G/Ln	N/G/Ln
Acenaphthylene	208-96-8	ppb-TOC	15	11	73	2,100	47,000	120,000	350,000	42,000	20,000	46,000	14,000	24,000	25,000	N/G/Ln	N/G/Ln
Anthracene	120-12-7	ppb-TOC	15	12	80	2,900	190,000	120,000	170,000	61,000	54,000	51,000	51,000	41,000	60,000	G/Ln	G/Ln
Benzo(a)anthracene	56-55-3	ppb-TOC	15	15	100	7,900	230,000	--	--	87,000	87,000	72,000	72,000	62,000	64,000	G/Ln	G/Ln
Benzo(a)pyrene	50-32-8	ppb-TOC	15	14	93	8,400	210,000	12,000	12,000	67,000	67,000	57,000	55,000	45,000	41,000	G/Ln	N/Ln
Benzo(b)fluoranthene	205-99-2	ppb-TOC	15	14	93	8,200	170,000	12,000	12,000	52,000	52,000	45,000	44,000	36,000	32,000	G/Ln	N/Ln
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	15	14	93	2,500	110,000	120,000	120,000	37,000	35,000	30,000	29,000	25,000	26,000	G/Ln	G/Ln
Benzo(k)fluoranthene	207-08-9	ppb-TOC	15	14	93	9,800	150,000	12,000	12,000	56,000	56,000	45,000	43,000	40,000	42,000	G/Ln	N/Ln
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	10	0	0	--	--	1,200	35,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	10	5	50	34,000	2,800,000	22,000	120,000	350,000	360,000	860,000	820,000	72,000	55,000	G/Ln	N/Ln
Butyl benzyl phthalate	85-68-7	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb-TOC	10	7	70	550	7,600	100,000	350,000	30,000	2,500	55,000	2,300	5,600	2,900	G/Ln	G/Ln
Chrysene	218-01-9	ppb-TOC	15	15	100	10,000	270,000	--	--	95,000	95,000	79,000	79,000	70,000	70,000	G/Ln	G/Ln
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	15	10	67	2,600	38,000	2,300	170,000	23,000	12,000	27,000	10,000	12,000	14,000	N/G/Ln	N/Ln
Dibenzofuran	132-64-9	ppb-TOC	10	7	70	1,400	26,000	23,000	350,000	31,000	8,300	54,000	7,900	10,000	11,000	N/G/Ln	G/Ln
Diethyl phthalate	84-66-2	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
Di-n-Octylphthalate	117-84-0	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	ppb-TOC	15	15	100	12,000	390,000	--	--	150,000	150,000	120,000	120,000	100,000	130,000	G/Ln	G/Ln
Fluorene	86-73-7	ppb-TOC	15	7	47	1,900	84,000	23,000	350,000	54,000	23,000	47,000	27,000	29,000	60,000	N/G/Ln	G/Ln
Hexachlorobenzene	118-74-1	ppb-TOC	10	0	0	--	--	1,200	35,000	--	--	--	--	--	--	--	--
Hexachlorobutadiene	87-68-3	ppb-TOC	10	0	0	--	--	2,600	70,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	10	0	0	--	--	1,200	35,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	15	14	93	2,600	100,000	12,000	12,000	30,000	30,000	28,000	27,000	20,000	22,000	G/Ln	Ln

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Isophorone	78-59-1	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb-TOC	15	9	60	4,900	270,000	23,000	350,000	69,000	50,000	73,000	69,000	39,000	60,000	G/Ln	Ln
Nitrobenzene	98-95-3	ppb-TOC	10	1	10	1,300	1,300	1,200	35,000	3,700	--	5,200	--	2,100	1,500	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	10	0	0	--	--	1,200	35,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	10	2	20	5,600	11,000	15,000	350,000	33,000	--	52,000	--	17,000	12,000	--	--
Pentachlorophenol	87-86-5	ppb-TOC	10	0	0	--	--	49,000	1,400,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb-TOC	15	12	80	3,200	430,000	120,000	170,000	94,000	87,000	110,000	110,000	47,000	60,000	G/Ln	G/Ln
Phenol	108-95-2	ppb-TOC	10	0	0	--	--	12,000	350,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb-TOC	15	15	100	17,000	570,000	--	--	170,000	170,000	150,000	150,000	120,000	140,000	G/Ln	G/Ln
Total HMW PAHs-SVOC	No CAS	ppb-TOC	15	15	100	79,000	1,900,000	--	--	750,000	750,000	610,000	610,000	540,000	570,000	G/Ln	G/Ln
Total LMW PAHs-SVOC	No CAS	ppb-TOC	10	9	90	9,000	1,100,000	120,000	120,000	270,000	270,000	360,000	340,000	110,000	59,000	G/Ln	G/Ln
TOTAL PAHs - SVOC	No CAS	ppb-TOC	10	10	100	87,000	3,000,000	--	--	950,000	950,000	970,000	970,000	600,000	560,000	G/Ln	G/Ln
Subsurface (>3.5 ft bss)																	
Organotins																	
Dibutyltin	1191-48-6	ppb-TOC	8	1	13	110	110	48	360	60	--	56	--	46	34	--	--
Monobutyltin	78763-54-9	ppb-TOC	8	0	0	--	--	38	290	--	--	--	--	--	--	--	--
Tetrabutyltin	1461-25-2	ppb-TOC	8	0	0	--	--	65	480	--	--	--	--	--	--	--	--
Tributyltin	688-73-3	ppb-TOC	8	0	0	--	--	56	430	--	--	--	--	--	--	--	--
Pesticides																	
4,4'-DDD	72-54-8	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
4,4'-DDE	72-55-9	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
4,4'-DDT	50-29-3	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
Aldrin	309-00-2	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
Alpha-BHC	319-84-6	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
Beta-BHC	319-85-7	ppb-TOC	8	2	25	400	540	280	1,800	350	--	260	--	280	210	--	--
Delta-BHC	319-86-8	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
Endosulfan I	959-98-8	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
Heptachlor	76-44-8	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
Methoxychlor	72-43-5	ppb-TOC	8	1	13	440	440	280	1,800	310	--	260	--	250	200	--	--
Total DDT (4,4)	No CAS	ppb-TOC	8	0	0	--	--	280	1,800	--	--	--	--	--	--	--	--
Toxaphene	8001-35-2	ppb-TOC	8	0	0	--	--	2,800	18,000	--	--	--	--	--	--	--	--

Table D-9
Summary Statistics
Newark Bay Study Area - Honeywell Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Semivolatiles																	
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	8	1	13	950	950	2,000	9,100	1,700	--	1,200	--	1,400	1,300	--	--
1,2-Dichlorobenzene	95-50-1	ppb-TOC	8	1	13	500	500	20,000	91,000	16,000	--	13,000	--	10,000	13,000	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	8	1	13	730	730	20,000	91,000	16,000	--	13,000	--	10,000	13,000	--	--
1,4-Dichlorobenzene	106-46-7	ppb-TOC	8	2	25	1,300	2,800	20,000	91,000	15,000	--	14,000	--	9,500	12,000	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	8	0	0	--	--	70,000	360,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	8	0	0	--	--	3,500	18,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	8	0	0	--	--	3,500	18,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	8	6	75	820	110,000	38,000	91,000	30,000	26,000	35,000	34,000	14,000	23,000	G/Ln	G/Ln
2-Methylphenol	95-48-7	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	8	0	0	--	--	35,000	180,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	8	0	0	--	--	35,000	180,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb-TOC	8	0	0	--	--	35,000	180,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	8	0	0	--	--	70,000	360,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	8	2	25	15	21	20,000	91,000	14,000	--	14,000	--	2,900	12,000	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	8	2	25	2,500	2,500	20,000	91,000	15,000	--	14,000	--	10,000	12,000	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	8	6	75	1,100	6,600	22,000	91,000	8,900	2,500	15,000	1,900	3,700	2,000	Ln	G
4-Nitroaniline	100-01-6	ppb-TOC	8	0	0	--	--	35,000	180,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	8	0	0	--	--	70,000	360,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	8	7	88	1,600	130,000	91,000	91,000	55,000	51,000	48,000	47,000	27,000	42,000	N/G/Ln	N/G/Ln
Acenaphthylene	208-96-8	ppb-TOC	8	7	88	3,700	110,000	91,000	91,000	31,000	27,000	35,000	32,000	19,000	18,000	G/Ln	G/Ln
Anthracene	120-12-7	ppb-TOC	8	7	88	6,400	230,000	91,000	91,000	95,000	94,000	86,000	82,000	54,000	64,000	N/G/Ln	N/G/Ln
Benzo(a)anthracene	56-55-3	ppb-TOC	8	7	88	17,000	380,000	9,100	9,100	110,000	110,000	120,000	110,000	59,000	81,000	N/G/Ln	N/Ln
Benzo(a)pyrene	50-32-8	ppb-TOC	8	7	88	17,000	210,000	9,100	9,100	65,000	67,000	66,000	61,000	39,000	45,000	N/G/Ln	N/Ln
Benzo(b)fluoranthene	205-99-2	ppb-TOC	8	7	88	17,000	110,000	9,100	9,100	44,000	45,000	36,000	32,000	30,000	32,000	N/G/Ln	N/Ln
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	8	7	88	5,300	52,000	91,000	91,000	31,000	29,000	19,000	18,000	24,000	33,000	N/G/Ln	N/G/Ln
Benzo(k)fluoranthene	207-08-9	ppb-TOC	8	7	88	22,000	160,000	9,100	9,100	57,000	59,000	49,000	44,000	38,000	44,000	N/G/Ln	N/Ln
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	8	0	0	--	--	1,800	9,100	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	8	4	50	9,400	180,000	20,000	38,000	47,000	--	63,000	--	25,000	17,000	--	--

Table D-9
Summary Statistics
Newark Bay Study Area - Honeywell Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Butyl benzyl phthalate	85-68-7	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb-TOC	8	7	88	880	7,900	91,000	91,000	8,500	3,200	15,000	2,300	3,600	2,900	N/G/Ln	N/G/Ln
Chrysene	218-01-9	ppb-TOC	8	7	88	24,000	470,000	91,000	91,000	140,000	140,000	150,000	140,000	91,000	90,000	G/Ln	G/Ln
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	8	6	75	2,400	21,000	2,200	9,100	9,500	9,700	7,300	6,700	6,600	7,500	N/G/Ln	N/Ln
Dibenzofuran	132-64-9	ppb-TOC	8	7	88	800	40,000	91,000	91,000	17,000	13,000	17,000	13,000	9,000	11,000	N/G/Ln	N/G/Ln
Diethyl phthalate	84-66-2	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
Di-n-Octylphthalate	117-84-0	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	ppb-TOC	8	7	88	26,000	360,000	91,000	91,000	170,000	170,000	140,000	130,000	110,000	130,000	N/G/Ln	N/G/Ln
Fluorene	86-73-7	ppb-TOC	8	6	75	1,800	100,000	38,000	91,000	39,000	36,000	37,000	37,000	20,000	30,000	N/G/Ln	N/G/Ln
Hexachlorobenzene	118-74-1	ppb-TOC	8	0	0	--	--	1,800	9,100	--	--	--	--	--	--	--	--
Hexachlorobutadiene	87-68-3	ppb-TOC	8	0	0	--	--	3,500	18,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	8	0	0	--	--	1,800	9,100	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	8	7	88	5,600	46,000	9,100	9,100	24,000	24,000	17,000	16,000	17,000	23,000	N/G/Ln	N/G/Ln
Isophorone	78-59-1	ppb-TOC	8	1	13	9,300	9,300	18,000	91,000	16,000	--	12,000	--	14,000	11,000	--	--
Naphthalene	91-20-3	ppb-TOC	8	7	88	2,000	330,000	91,000	91,000	80,000	77,000	110,000	100,000	33,000	39,000	G/Ln	G/Ln
Nitrobenzene	98-95-3	ppb-TOC	8	1	13	2,000	2,000	2,000	9,100	1,800	--	1,200	--	1,600	1,400	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	8	0	0	--	--	1,800	9,100	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
Pentachlorophenol	87-86-5	ppb-TOC	8	0	0	--	--	70,000	360,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb-TOC	8	7	88	8,500	400,000	91,000	91,000	180,000	180,000	170,000	160,000	88,000	140,000	N/G/Ln	N/G/Ln
Phenol	108-95-2	ppb-TOC	8	0	0	--	--	18,000	91,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb-TOC	8	7	88	34,000	660,000	91,000	91,000	260,000	260,000	220,000	200,000	170,000	240,000	N/G/Ln	N/Ln
Total HMW PAHs-SVOC	No CAS	ppb-TOC	8	7	88	170,000	2,300,000	91,000	91,000	870,000	890,000	770,000	710,000	510,000	760,000	N/G/Ln	N/Ln
Total LMW PAHs-SVOC	No CAS	ppb-TOC	8	7	88	25,000	960,000	91,000	91,000	470,000	470,000	420,000	400,000	230,000	480,000	N/G	G/Ln
TOTAL PAHs - SVOC	No CAS	ppb-TOC	8	7	88	190,000	3,300,000	91,000	91,000	1,400,000	1,370,000	1,200,000	1,090,000	720,000	1,300,000	N/G/Ln	N/Ln

Abbreviations:

-- not applicable due to frequency of detection
1/2 DL = half the detection limit (e.g., sample reporting limit)
Al = Aluminum
CARP = Contaminant Assessment and Reduction Program
CAS = Chemical Abstracts Service
Fe = Iron
FOD = frequency of detection (detects / total)
ft bss = feet below sediment surface
GM = geometric mean
GOF = goodness-of-fit
HMW = high molecular weight
KM = Kaplan-Meier
LMW = low molecular weight
Max = maximum
Min = minimum
ND = nondetect
PAH = polynuclear aromatic hydrocarbon
PCB = polycyclic aromatic hydrocarbon
ppb = parts per billiom
ppm = parts per milliom
ppt = parts per trillion
ROS = regression on ordered statistics
SD = standard deviation
SVOC = semivolatile organic compound
TOC = total organic carbon
TPH = total petroleum hydrocarbon

Notes:

[1] Total concentrations are based on the sum of detected observations; therefore statistics for totals are based on detected observations.

[2] KM and GOF statistics generated using USEPA ProUCL (v. 4.1.01) software (USEPA, 2011). Remaining statistics generated in MS Access 2010.

[3] When FOD = 100%, the KM statistics are equal to the arithmetic mean and standard deviation of the full dataset.

[4] KM statistics and GOF results only reported for constituents with at least 8 total observations and 5 distinct detected observations (USEPA, 2010).

[5] The GM is a parameter that specifically defines a lognormal distribution and is equal to the anti-log of the mean of the log-transformed values. GM is generally not descriptive of the central tendency for data that are not lognormally distributed.

[6] Distribution assessed by GOF tests at 95% confidence level (α = 0.05) using ProUCL 4.1.01 Left-censored data are evaluated with both detects only and ROS methods (USEPA, 2010).
Normal (N): dataset follows a normal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Gamma (G): dataset follows a gamma distribution, according to the Kolmogorov-Smirnov test.
Lognormal (Ln): dataset follows a lognormal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Nonparametric (NP): dataset does not follow any of the three distributions noted above.

[7] Level = data usability levels. For information about these levels and their applicability, please refer to Section 3 of the report.

[8] This table presents data for each of the 18 select chemicals (where available) identified for focused evaluation in Section 4.3

[9] Organic compounds are normalized to TOC and inorganic compounds are normalized to aluminum.

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	101	101	100	59.0	46,100	--	--	11,600	11,600	6,800	6,800	9,450	11,300	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	101	101	100	268	94,600	--	--	13,000	13,000	13,700	13,700	8,980	10,100	NP	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	101	101	100	9.43	2,550	--	--	552	552	432	432	427	452	NP	NP
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	101	100	99	2.13	327	62.1	62.1	155	156	61.2	60.7	137	155	N	N
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	101	101	100	87.3	22,500	--	--	3,200	3,200	3,600	3,600	2,100	2,420	Ln	Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	101	101	100	4.34	2,010	--	--	677	677	363	363	559	642	NP	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	101	101	100	16.6	4,740	--	--	846	846	687	687	646	711	G	G
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	101	101	100	4.52	1,050	--	--	400	400	175	175	347	388	N	N
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	101	76	75	5.19	589	11.6	300	145	142	121	123	91.8	133	G	N
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	101	101	100	1.45	369	--	--	151	151	70.0	70.0	130	145	NP	NP
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	101	101	100	4.54	1,260	--	--	412	412	199	199	354	392	N	N
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	101	101	100	6.41	1,550	--	--	464	464	266	266	379	431	N/G	N/G
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	101	101	100	13.1	2,510	--	--	764	764	476	476	613	667	G	G
2,3,7,8-TCDD	1746-01-6	ppt-TOC	101	101	100	18.6	15,800	--	--	2,890	2,890	2,560	2,560	1,980	2,480	G	G
2,3,7,8-TCDF	51207-31-9	ppt-TOC	101	101	100	5.69	2,160	--	--	769	769	392	392	651	712	N/G	N/G
OCDD	3268-87-9	ppt-TOC	101	101	100	800	573,000	--	--	115,000	115,000	69,000	69,000	97,900	109,000	NP	NP
OCDF	39001-02-0	ppt-TOC	101	101	100	478	132,000	--	--	21,800	21,800	21,700	21,700	15,300	17,500	NP	NP
Total HpCDD	37871-00-4	ppt-TOC	101	101	100	142	115,000	--	--	28,800	28,800	17,500	17,500	23,600	27,200	NP	NP
Total HpCDF	38998-75-3	ppt-TOC	101	101	100	319	111,000	--	--	19,300	19,300	16,600	16,600	14,300	16,000	NP	NP
Total HxCDD	34465-46-8	ppt-TOC	101	101	100	50.5	19,400	--	--	7,360	7,360	3,310	3,310	6,370	7,120	NP	NP
Total HxCDF	55684-94-1	ppt-TOC	101	101	100	199	58,800	--	--	12,000	12,000	8,700	8,700	9,400	10,500	NP	NP
Total PeCDD	36088-22-9	ppt-TOC	101	101	100	15.7	5,200	--	--	2,100	2,100	877	877	1,850	2,100	NP	NP
Total PeCDF	30402-15-4	ppt-TOC	101	101	100	118	32,800	--	--	11,300	11,300	6,290	6,290	9,210	10,500	N	N
Total TCDD	41903-57-5	ppt-TOC	101	101	100	50.0	20,500	--	--	5,720	5,720	3,450	3,450	4,610	5,410	NP	NP
Total TCDF	55722-27-5	ppt-TOC	101	101	100	122	60,800	--	--	16,200	16,200	9,280	9,280	13,200	14,700	NP	NP
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	100	100	100	234	224,000	--	--	48,200	48,200	38,900	38,900	33,700	41,700	NP	NP
PCB-100	39485-83-1	ppt-TOC	101	100	99	133	29,200	827	827	11,600	11,600	5,850	5,820	9,540	11,400	NP	NP
PCB-103	60145-21-3	ppt-TOC	101	99	98	115	52,500	827	1,910	12,500	12,500	8,100	8,070	9,760	11,200	NP	NP
PCB-104	56558-16-8	ppt-TOC	101	67	66	312	2,750	94.1	7,440	1,130	967	692	455	930	1,060	N/G	NP
PCB-105	32598-14-4	ppt-TOC	101	101	100	1,060	1,860,000	--	--	302,000	302,000	254,000	254,000	218,000	239,000	NP	NP
PCB-106/118	PCB-106/118	ppt-TOC	101	101	100	2,800	4,440,000	--	--	800,000	800,000	633,000	633,000	587,000	641,000	NP	NP
PCB-107/109	70424-68-9/7447	ppt-TOC	101	101	100	333	331,000	--	--	63,100	63,100	47,500	47,500	47,100	53,200	NP	NP
PCB-108/112	70362-41-3/7447	ppt-TOC	101	100	99	325	336,000	827	827	49,400	49,400	44,500	44,300	35,500	38,000	NP	NP
PCB-11	2050-67-1	ppt-TOC	101	101	100	1,510	1,160,000	--	--	260,000	260,000	234,000	234,000	178,000	191,000	NP	NP
PCB-110	38380-03-9	ppt-TOC	101	101	100	3,160	5,830,000	--	--	1,040,000	1,040,000	850,000	850,000	751,000	816,000	NP	NP
PCB-111/115	PCB-111/115	ppt-TOC	101	100	99	134	138,000	827	827	18,400	18,400	18,500	18,400	12,800	13,100	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-113	68194-10-5	ppt-TOC	101	75	74	405	53,100	94.1	7,610	3,800	3,770	6,040	6,030	2,160	2,500	Ln	Ln
PCB-114	74472-37-0	ppt-TOC	101	100	99	130	159,000	827	827	19,100	19,100	19,400	19,300	13,500	13,600	NP	NP
PCB-119	56558-17-9	ppt-TOC	101	100	99	201	123,000	827	827	26,600	26,600	18,100	18,000	20,600	23,400	NP	NP
PCB-12/13	PCB-12/13	ppt-TOC	101	100	99	706	365,000	1,660	1,660	108,000	108,000	75,100	74,800	78,600	90,300	NP	NP
PCB-120	68194-12-7	ppt-TOC	101	82	81	487	2,370,000	94.1	6,500	26,500	26,500	236,000	234,000	2,210	2,460	NP	NP
PCB-121	56558-18-0	ppt-TOC	101	2	2	1,630	7,050	94.1	7,610	1,020	--	971	--	714	865	--	--
PCB-122	76842-07-4	ppt-TOC	101	100	99	113	80,800	827	827	11,500	11,500	10,400	10,300	8,410	8,810	NP	NP
PCB-123	65510-44-3	ppt-TOC	101	100	99	119	79,400	827	827	16,000	16,000	12,700	12,600	11,900	12,600	NP	NP
PCB-124	70424-70-3	ppt-TOC	101	100	99	204	177,000	827	827	32,100	32,100	26,700	26,600	23,400	23,600	NP	NP
PCB-126	57465-28-8	ppt-TOC	101	100	99	25.3	21,100	827	827	4,840	4,840	3,270	3,250	3,800	4,320	NP	NP
PCB-127	39635-33-1	ppt-TOC	101	2	2	1,380	1,630	94.1	7,610	961	--	759	--	701	865	--	--
PCB-128/162	PCB-128/162	ppt-TOC	101	101	100	353	483,000	--	--	112,000	112,000	82,300	82,300	81,700	93,600	NP	NP
PCB-129	55215-18-4	ppt-TOC	101	100	99	193	144,000	827	827	29,700	29,700	24,300	24,200	21,600	21,800	NP	NP
PCB-130	52663-66-8	ppt-TOC	101	101	100	216	159,000	--	--	47,000	47,000	31,100	31,100	35,800	40,000	NP	NP
PCB-131	61798-70-7	ppt-TOC	101	10	10	292	1,540	94.1	7,440	922	427	702	260	687	785	N/G/Ln	NP
PCB-132/161	38380-05-1/7447	ppt-TOC	101	101	100	600	844,000	--	--	203,000	203,000	152,000	152,000	149,000	159,000	NP	NP
PCB-133/142	PCB-133/142	ppt-TOC	101	100	99	146	86,700	827	827	22,400	22,400	15,200	15,100	17,200	18,800	NP	NP
PCB-134/143	PCB-134/143	ppt-TOC	101	100	99	252	168,000	827	827	39,300	39,300	28,600	28,500	29,500	32,700	NP	NP
PCB-135	52744-13-5	ppt-TOC	101	101	100	404	336,000	--	--	101,000	101,000	67,300	67,300	76,600	84,200	NP	NP
PCB-136	38411-22-2	ppt-TOC	101	101	100	296	328,000	--	--	101,000	101,000	69,700	69,700	75,200	83,200	NP	NP
PCB-137	35694-06-5	ppt-TOC	101	100	99	299	183,000	827	827	33,700	33,700	28,000	27,800	24,700	25,600	NP	NP
PCB-138/163/164	35065-28-2/7447	ppt-TOC	101	101	100	2,330	2,540,000	--	--	740,000	740,000	505,000	505,000	558,000	623,000	NP	NP
PCB-139/149	PCB-139/149	ppt-TOC	101	101	100	2,020	1,980,000	--	--	636,000	636,000	419,000	419,000	482,000	546,000	NP	NP
PCB-14	34883-41-5	ppt-TOC	101	2	2	282	4,420	189	15,300	1,750	--	1,620	--	1,120	1,470	--	--
PCB-140	59291-64-4	ppt-TOC	101	96	95	632	15,300	94.1	3,730	4,940	4,950	3,080	3,050	3,910	4,380	G	NP
PCB-141	52712-04-6	ppt-TOC	101	101	100	473	497,000	--	--	125,000	125,000	98,000	98,000	90,700	96,800	NP	NP
PCB-144	68194-14-9	ppt-TOC	101	100	99	238	112,000	827	827	34,700	34,700	25,200	25,100	25,900	27,600	NP	NP
PCB-145	74472-40-5	ppt-TOC	101	27	27	193	1,630	94.1	7,440	867	473	665	318	654	765	G/Ln	NP
PCB-146/165	51908-16-8/7447	ppt-TOC	101	101	100	465	356,000	--	--	111,000	111,000	69,500	69,500	85,600	98,300	NP	NP
PCB-147	68194-13-8	ppt-TOC	101	100	99	277	62,600	827	827	23,300	23,300	12,400	12,400	18,800	21,400	N	N
PCB-148	74472-41-6	ppt-TOC	101	87	86	392	16,100	94.1	7,440	2,150	2,130	1,720	1,690	1,720	1,880	NP	NP
PCB-15	2050-68-2	ppt-TOC	101	101	100	3,990	2,030,000	--	--	633,000	633,000	411,000	411,000	472,000	537,000	NP	NP
PCB-150	68194-08-1	ppt-TOC	101	94	93	330	11,600	94.1	5,460	3,250	3,270	1,920	1,910	2,650	2,870	NP	NP
PCB-151	52663-63-5	ppt-TOC	101	100	99	1,310	578,000	827	827	175,000	175,000	117,000	116,000	132,000	150,000	NP	NP
PCB-152	68194-09-2	ppt-TOC	101	78	77	542	3,440	94.1	7,440	1,270	1,190	712	553	1,070	1,120	G/Ln	Ln
PCB-153	35065-27-1	ppt-TOC	101	101	100	2,220	2,330,000	--	--	727,000	727,000	477,000	477,000	553,000	625,000	NP	NP
PCB-154	60145-22-4	ppt-TOC	101	100	99	245	73,500	827	827	18,600	18,600	11,200	11,100	14,900	17,500	NP	NP
PCB-155	33979-03-2	ppt-TOC	101	96	95	335	51,500	94.1	7,440	5,200	5,200	7,070	7,040	3,300	3,360	Ln	Ln
PCB-156	38380-08-4	ppt-TOC	101	100	99	469	300,000	827	827	68,300	68,300	51,500	51,300	50,500	55,000	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-157	69782-90-7	ppt-TOC	101	100	99	129	64,400	827	827	15,700	15,700	11,100	11,100	12,000	13,200	NP	NP
PCB-158/160	74472-42-7/4141	ppt-TOC	101	101	100	284	300,000	--	--	80,000	80,000	58,900	58,900	59,000	62,700	NP	NP
PCB-159	39635-35-3	ppt-TOC	101	73	72	105	26,200	209	6,500	6,120	6,030	5,660	5,730	3,020	5,960	NP	NP
PCB-16/32	PCB-16/32	ppt-TOC	101	101	100	984	5,560,000	--	--	472,000	472,000	679,000	679,000	281,000	284,000	NP	NP
PCB-166	41411-63-6	ppt-TOC	101	94	93	449	13,200	94.1	5,460	2,970	2,980	2,180	2,160	2,320	2,360	Ln	Ln
PCB-167	52663-72-6	ppt-TOC	101	101	100	153	108,000	--	--	29,200	29,200	20,100	20,100	22,100	24,300	NP	NP
PCB-168	59291-65-5	ppt-TOC	101	80	79	512	7,160	94.1	7,440	1,770	1,740	1,200	1,160	1,410	1,440	Ln	Ln
PCB-169	32774-16-6	ppt-TOC	101	13	13	16.4	1,740	62.0	7,610	817	225	779	317	512	640	G/Ln	NP
PCB-17	37680-66-3	ppt-TOC	101	101	100	798	3,780,000	--	--	338,000	338,000	486,000	486,000	200,000	208,000	NP	NP
PCB-170	35065-30-6	ppt-TOC	101	101	100	692	586,000	--	--	173,000	173,000	119,000	119,000	130,000	153,000	NP	NP
PCB-171	52663-71-5	ppt-TOC	101	101	100	222	166,000	--	--	50,800	50,800	34,100	34,100	38,400	43,500	NP	NP
PCB-172	52663-74-8	ppt-TOC	101	100	99	204	106,000	827	827	31,000	31,000	20,700	20,600	23,700	27,400	NP	NP
PCB-173	68194-16-1	ppt-TOC	101	94	93	521	13,300	94.1	6,500	4,180	4,200	2,810	2,790	3,240	3,480	Ln	Ln
PCB-174	38411-25-5	ppt-TOC	101	101	100	673	792,000	--	--	191,000	191,000	141,000	141,000	141,000	162,000	NP	NP
PCB-175	40186-70-7	ppt-TOC	101	100	99	94.7	33,700	827	827	10,500	10,500	6,980	6,950	8,150	9,290	NP	NP
PCB-176	52663-65-7	ppt-TOC	101	100	99	213	92,700	827	827	28,600	28,600	19,100	19,000	21,900	25,100	NP	NP
PCB-177	52663-70-4	ppt-TOC	101	101	100	412	411,000	--	--	126,000	126,000	81,100	81,100	95,800	109,000	NP	NP
PCB-178	52663-67-9	ppt-TOC	101	100	99	340	147,000	827	827	49,500	49,500	30,500	30,400	38,400	43,100	NP	NP
PCB-179	52663-64-6	ppt-TOC	101	101	100	363	378,000	--	--	107,000	107,000	69,400	69,400	81,700	92,400	NP	NP
PCB-18	37680-65-2	ppt-TOC	101	101	100	1,680	9,500,000	--	--	682,000	682,000	1,120,000	1,120,000	380,000	368,000	NP	NP
PCB-180	35065-29-3	ppt-TOC	101	101	100	1,560	1,800,000	--	--	470,000	470,000	321,000	321,000	354,000	411,000	NP	NP
PCB-181	74472-47-2	ppt-TOC	101	88	87	338	9,280	94.1	6,500	2,040	2,030	1,600	1,590	1,520	1,570	Ln	Ln
PCB-182/187	PCB-182/187	ppt-TOC	101	100	99	2,230	1,060,000	949	949	320,000	320,000	194,000	193,000	245,000	279,000	NP	NP
PCB-183	52663-69-1	ppt-TOC	101	101	100	492	429,000	--	--	128,000	128,000	83,100	83,100	97,400	111,000	NP	NP
PCB-184	74472-48-3	ppt-TOC	101	79	78	532	4,180	94.1	7,440	1,220	1,140	721	558	1,030	1,140	Ln	NP
PCB-185	52712-05-7	ppt-TOC	101	100	99	148	93,800	827	827	22,300	22,300	16,700	16,700	16,700	19,000	NP	NP
PCB-186	74472-49-4	ppt-TOC	101	2	2	239	1,630	94.1	7,610	955	--	761	--	694	865	--	--
PCB-188	74487-85-7	ppt-TOC	101	83	82	524	19,600	94.1	7,440	1,440	1,370	1,940	1,880	1,120	1,170	NP	NP
PCB-189	39635-31-9	ppt-TOC	101	100	99	55.3	20,700	827	827	6,820	6,820	4,290	4,280	5,400	6,000	NP	NP
PCB-19	38444-73-4	ppt-TOC	101	100	99	332	883,000	827	827	64,000	64,000	104,000	104,000	37,000	37,300	NP	NP
PCB-190	41411-64-7	ppt-TOC	101	100	99	215	120,000	827	827	36,800	36,800	24,200	24,100	28,200	32,300	NP	NP
PCB-191	74472-50-7	ppt-TOC	101	100	99	90.7	23,000	827	827	7,480	7,480	4,890	4,870	5,860	6,420	G	NP
PCB-192	74472-51-8	ppt-TOC	101	3	3	412	1,630	94.1	7,610	950	--	761	--	692	820	--	--
PCB-193	69782-91-8	ppt-TOC	101	100	99	166	71,800	827	827	22,800	22,800	14,400	14,300	17,800	20,100	NP	NP
PCB-194	35694-08-7	ppt-TOC	101	101	100	527	490,000	--	--	128,000	128,000	86,900	86,900	96,200	108,000	NP	NP
PCB-195	52663-78-2	ppt-TOC	101	100	99	259	166,000	827	827	47,300	47,300	31,500	31,300	36,000	42,700	NP	NP
PCB-196/203	PCB-196/203	ppt-TOC	101	101	100	633	614,000	--	--	172,000	172,000	109,000	109,000	132,000	149,000	NP	NP
PCB-197	33091-17-7	ppt-TOC	101	96	95	719	21,200	94.1	5,100	5,420	5,440	3,580	3,530	4,220	4,790	G	NP
PCB-198	68194-17-2	ppt-TOC	101	99	98	102	32,900	827	5,740	9,030	9,030	6,300	6,270	6,940	7,550	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-199	52663-75-9	ppt-TOC	101	101	100	541	686,000	--	--	174,000	174,000	113,000	113,000	133,000	147,000	NP	NP
PCB-2	2051-61-8	ppt-TOC	100	100	100	117	49,600	--	--	13,800	13,800	7,710	7,710	11,200	13,300	N	N
PCB-20/21/33	38444-84-7/5570	ppt-TOC	101	101	100	708	6,750,000	--	--	419,000	419,000	743,000	743,000	229,000	228,000	NP	NP
PCB-200	52663-73-7	ppt-TOC	101	100	99	172	66,300	827	827	16,800	16,800	11,700	11,600	12,900	14,600	NP	NP
PCB-201	40186-71-8	ppt-TOC	101	100	99	155	103,000	827	827	23,300	23,300	15,400	15,400	18,000	20,500	NP	NP
PCB-202	2136-99-4	ppt-TOC	101	101	100	229	204,000	--	--	52,100	52,100	30,500	30,500	40,800	46,400	NP	NP
PCB-204	74472-52-9	ppt-TOC	100	12	12	121	561	94.1	7,610	929	292	753	165	687	775	N/G	NP
PCB-205	74472-53-0	ppt-TOC	101	100	99	115	18,300	827	827	5,490	5,490	3,410	3,390	4,380	4,610	NP	NP
PCB-206	40186-72-9	ppt-TOC	101	101	100	860	953,000	--	--	153,000	153,000	133,000	133,000	112,000	128,000	NP	NP
PCB-207	52663-79-3	ppt-TOC	101	100	99	115	90,100	827	827	13,700	13,700	10,700	10,700	10,600	11,900	NP	NP
PCB-208	52663-77-1	ppt-TOC	101	101	100	303	213,000	--	--	50,100	50,100	35,800	35,800	38,000	43,800	NP	NP
PCB-209	2051-24-3	ppt-TOC	101	101	100	704	1,920,000	--	--	150,000	150,000	221,000	221,000	98,800	107,000	NP	NP
PCB-22	38444-85-8	ppt-TOC	101	100	99	825	4,390,000	124,000	124,000	351,000	351,000	515,000	512,000	208,000	222,000	NP	NP
PCB-23	55720-44-0	ppt-TOC	101	54	54	271	11,700	94.1	6,650	1,290	1,110	1,410	1,390	929	890	NP	NP
PCB-24/27	PCB-24/27	ppt-TOC	101	100	99	364	628,000	827	827	75,800	75,800	86,500	86,100	49,500	53,600	NP	NP
PCB-25	55712-37-3	ppt-TOC	101	101	100	549	1,030,000	--	--	167,000	167,000	151,000	151,000	116,000	139,000	NP	NP
PCB-26	38444-81-4	ppt-TOC	101	101	100	761	2,040,000	--	--	249,000	249,000	256,000	256,000	168,000	201,000	NP	NP
PCB-28	7012-37-5	ppt-TOC	101	101	100	2,510	11,500,000	--	--	1,410,000	1,410,000	1,520,000	1,520,000	933,000	1,040,000	NP	NP
PCB-29	15862-07-4	ppt-TOC	101	90	89	389	58,100	94.1	6,500	4,000	4,000	6,520	6,490	2,480	2,370	NP	NP
PCB-3	2051-62-9	ppt-TOC	101	101	100	203	175,000	--	--	35,700	35,700	23,700	23,700	27,700	32,500	NP	NP
PCB-30	35693-92-6	ppt-TOC	101	17	17	362	5,690	94.1	7,440	1,100	713	978	873	770	910	G/Ln	NP
PCB-31	16606-02-3	ppt-TOC	101	101	100	2,670	12,700,000	--	--	1,080,000	1,080,000	1,450,000	1,450,000	685,000	773,000	NP	NP
PCB-34	37680-68-5	ppt-TOC	101	96	95	575	80,000	94.1	6,500	7,580	7,600	9,500	9,440	5,110	5,710	NP	NP
PCB-35	37680-69-6	ppt-TOC	101	99	98	209	219,000	3,430	6,500	41,200	41,200	35,800	35,700	28,200	32,100	NP	NP
PCB-36	38444-87-0	ppt-TOC	101	74	73	773	6,320	94.1	6,650	1,630	1,640	888	777	1,360	1,620	G/Ln	Ln
PCB-37	38444-90-5	ppt-TOC	101	101	100	1,570	2,610,000	--	--	414,000	414,000	352,000	352,000	298,000	346,000	NP	NP
PCB-38	53555-66-1	ppt-TOC	101	93	92	647	54,400	94.1	6,500	7,720	7,750	7,140	7,090	5,380	6,320	G/Ln	Ln
PCB-39	38444-88-1	ppt-TOC	101	89	88	592	18,400	94.1	6,500	3,680	3,710	2,570	2,540	2,870	3,250	Ln	NP
PCB-4/10	PCB-4/10	ppt-TOC	101	99	98	537	1,670,000	1,660	18,600	157,000	157,000	204,000	203,000	97,700	121,000	NP	NP
PCB-40	38444-93-8	ppt-TOC	96	96	100	453	2,030,000	--	--	168,000	168,000	241,000	241,000	97,000	105,000	NP	NP
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	89	88	99	2,040	8,830,000	3,430	3,430	894,000	894,000	1,140,000	1,130,000	528,000	567,000	NP	NP
PCB-42/59	36559-22-5/7447	ppt-TOC	101	101	100	759	3,720,000	--	--	364,000	364,000	463,000	463,000	230,000	242,000	NP	NP
PCB-43/49	PCB-43/49	ppt-TOC	101	101	100	2,310	8,640,000	--	--	916,000	916,000	1,080,000	1,080,000	601,000	625,000	NP	NP
PCB-44	41464-39-5	ppt-TOC	101	101	100	2,000	11,900,000	--	--	998,000	998,000	1,400,000	1,400,000	604,000	595,000	NP	NP
PCB-45	70362-45-7	ppt-TOC	101	100	99	758	1,950,000	827	827	142,000	142,000	230,000	229,000	80,100	77,300	NP	NP
PCB-46	41464-47-5	ppt-TOC	101	100	99	323	831,000	827	827	60,100	60,100	96,300	95,800	35,000	32,600	NP	NP
PCB-47	2437-79-8	ppt-TOC	101	101	100	1,230	4,000,000	--	--	401,000	401,000	465,000	465,000	273,000	302,000	NP	NP
PCB-48/75	70362-47-9/3259	ppt-TOC	101	101	100	373	1,600,000	--	--	193,000	193,000	239,000	239,000	119,000	123,000	NP	NP
PCB-5/8	PCB-5/8	ppt-TOC	101	100	99	1,460	3,750,000	1,660	1,660	338,000	338,000	417,000	415,000	222,000	259,000	NP	NP

Table D-10
Summary Statistics
Newark Bay Study Area - Phase I and Phase II Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-50	62796-65-0	ppt-TOC	101	92	91	357	36,400	94.1	6,500	3,440	3,440	4,540	4,520	2,260	2,190	NP	NP
PCB-51	68194-04-7	ppt-TOC	101	100	99	522	531,000	827	827	60,600	60,600	66,300	66,000	41,900	46,800	NP	NP
PCB-52/69	35693-99-3/6023	ppt-TOC	101	101	100	2,760	10,700,000	--	--	1,100,000	1,100,000	1,340,000	1,340,000	700,000	706,000	NP	NP
PCB-53	41464-41-9	ppt-TOC	101	101	100	288	1,730,000	--	--	151,000	151,000	211,000	211,000	92,200	93,500	NP	NP
PCB-54	15968-05-5	ppt-TOC	101	95	94	300	23,800	94.1	6,500	3,490	3,500	3,060	3,040	2,660	2,850	NP	NP
PCB-55	74338-24-2	ppt-TOC	101	100	99	103	101,000	827	827	13,000	13,000	12,900	12,800	9,230	9,680	NP	NP
PCB-56/60	PCB-56/60	ppt-TOC	101	101	100	1,470	5,780,000	--	--	604,000	604,000	711,000	711,000	395,000	425,000	NP	NP
PCB-57	70424-67-8	ppt-TOC	101	98	97	670	44,200	94.1	5,460	7,080	7,100	6,290	6,250	5,170	5,680	NP	NP
PCB-58	41464-49-7	ppt-TOC	101	95	94	368	15,400	94.1	6,500	3,630	3,630	2,610	2,590	2,800	3,100	NP	NP
PCB-6	25569-80-6	ppt-TOC	101	99	98	430	672,000	1,660	13,800	88,400	88,400	81,300	80,900	61,800	73,500	NP	NP
PCB-61/70	PCB-61/70	ppt-TOC	101	101	100	2,290	10,600,000	--	--	1,070,000	1,070,000	1,280,000	1,280,000	700,000	768,000	NP	NP
PCB-62	54230-22-7	ppt-TOC	101	0	0	--	--	94.1	7,610	--	--	--	--	--	--	--	--
PCB-63	74472-34-7	ppt-TOC	101	100	99	265	369,000	827	827	41,400	41,400	46,600	46,400	27,400	30,600	NP	NP
PCB-65	33284-54-7	ppt-TOC	101	11	11	761	9,320	94.1	7,610	1,150	986	1,170	953	800	920	G/Ln	NP
PCB-67	73575-53-8	ppt-TOC	101	100	99	256	286,000	827	827	34,800	34,800	36,900	36,700	23,600	26,400	NP	NP
PCB-68	73575-52-7	ppt-TOC	91	90	99	225	267,000	827	827	10,500	10,500	27,600	27,500	6,220	6,160	NP	NP
PCB-7/9	PCB-7/9	ppt-TOC	101	94	93	2,790	322,000	189	13,600	26,000	26,100	39,100	38,900	16,100	16,300	NP	NP
PCB-73	74338-23-1	ppt-TOC	101	8	8	3,050	815,000	94.1	7,610	9,830	11,800	81,000	80,400	889	920	NP	NP
PCB-74	32690-93-0	ppt-TOC	101	101	100	1,090	4,670,000	--	--	483,000	483,000	566,000	566,000	319,000	350,000	NP	NP
PCB-76/66	PCB-76/66	ppt-TOC	101	101	100	2,470	8,720,000	--	--	1,000,000	1,000,000	1,100,000	1,100,000	677,000	748,000	NP	NP
PCB-77	32598-13-3	ppt-TOC	101	101	100	584	803,000	--	--	141,000	141,000	119,000	119,000	100,000	113,000	NP	NP
PCB-78	70362-49-1	ppt-TOC	101	22	22	774	15,000	94.1	6,650	1,450	1,460	1,880	1,810	856	940	G/Ln	NP
PCB-79	41464-48-6	ppt-TOC	101	85	84	149	55,800	827	17,200	9,980	10,000	8,140	8,130	7,320	8,520	G	Ln
PCB-80	33284-52-5	ppt-TOC	101	0	0	--	--	94.1	7,610	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt-TOC	101	98	97	99.3	95,000	827	5,460	5,950	5,950	10,700	10,600	3,300	3,240	NP	NP
PCB-82	52663-62-4	ppt-TOC	101	101	100	478	781,000	--	--	118,000	118,000	110,000	110,000	82,300	83,700	NP	NP
PCB-83	60145-20-2	ppt-TOC	101	51	51	274	3,940	94.1	7,440	1,090	861	847	695	814	908	NP	NP
PCB-84/92	52663-60-2/5266	ppt-TOC	101	101	100	1,280	2,600,000	--	--	395,000	395,000	357,000	357,000	278,000	295,000	NP	NP
PCB-85/116	PCB-85/116	ppt-TOC	101	101	100	622	1,140,000	--	--	167,000	167,000	153,000	153,000	118,000	125,000	NP	NP
PCB-86	55312-69-1	ppt-TOC	101	96	95	985	70,300	94.1	6,500	7,100	7,140	8,650	8,580	4,590	4,730	NP	NP
PCB-87/117/125	38380-02-8/6819	ppt-TOC	101	101	100	1,100	2,030,000	--	--	319,000	319,000	289,000	289,000	223,000	232,000	NP	NP
PCB-88/91	PCB-88/91	ppt-TOC	101	101	100	537	1,120,000	--	--	170,000	170,000	148,000	148,000	122,000	135,000	NP	NP
PCB-89	73575-57-2	ppt-TOC	101	99	98	1,900	158,000	112	827	15,400	15,500	19,200	19,100	10,100	10,300	NP	Ln
PCB-90/101	PCB-90/101	ppt-TOC	101	101	100	3,060	5,080,000	--	--	929,000	929,000	761,000	761,000	670,000	710,000	NP	NP
PCB-93	73575-56-1	ppt-TOC	101	3	3	1,630	1,390,000	94.1	7,440	22,300	--	158,000	--	796	890	--	--
PCB-94	73575-55-0	ppt-TOC	101	99	98	971	48,300	94.1	827	8,260	8,280	6,360	6,310	6,340	7,020	NP	NP
PCB-95/98/102	38379-99-6/6023	ppt-TOC	101	101	100	2,140	4,280,000	--	--	713,000	713,000	624,000	624,000	504,000	516,000	NP	NP
PCB-96	73575-54-9	ppt-TOC	101	99	98	159	81,400	827	7,870	9,020	9,020	10,100	10,100	6,140	6,010	Ln	Ln
PCB-97	41464-51-1	ppt-TOC	101	101	100	1,010	2,010,000	--	--	302,000	302,000	273,000	273,000	214,000	228,000	NP	NP

Table D-10
Summary Statistics
Newark Bay Study Area - Phase I and Phase II Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-99	38380-01-7	ppt-TOC	101	100	99	1,710	2,690,000	3,430	3,430	470,000	471,000	378,000	376,000	331,000	382,000	NP	NP
Total Congener PCBs (209)	No CAS	ppt-TOC	101	101	100	88,800	21,400,000	--	--	28,600,000	28,600,000	27,400,000	27,400,000	20,100,000	22,000,000	NP	NP
Total Congener PCBs (NOAA 1989)	No CAS	ppt-TOC	101	101	100	59,800	15,300,000	--	--	21,200,000	21,200,000	19,900,000	19,900,000	14,900,000	15,900,000	NP	NP
Mid-depth (0.5 - 3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	225	225	100	30.1	107,000	--	--	14,200	14,200	14,200	14,200	7,210	11,700	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	225	222	99	3.23	101,000	9.15	16,300	13,000	13,000	14,900	14,900	3,640	8,770	NP	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	225	194	86	5.29	3,640	0.921	44.7	558	558	554	553	218	452	NP	NP
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	225	214	95	3.03	1,400	10.4	102	167	167	141	140	113	166	NP	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	225	218	97	1.37	24,600	2.04	12.4	2,920	2,920	3,440	3,430	887	1,910	NP	NP
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	225	219	97	5.79	7,850	16.9	157	888	888	936	933	427	712	NP	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	225	209	93	0.826	6,820	1.93	26.0	878	878	897	895	331	650	NP	NP
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	225	220	98	9.32	4,060	16.6	157	473	473	435	434	293	433	NP	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	225	151	67	3.31	1,400	1.04	319	147	144	184	185	60.0	77.8	G	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	225	214	95	1.91	2,000	4.93	67.9	189	189	198	197	106	149	NP	NP
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	225	203	90	5.26	3,350	1.79	87.4	481	481	447	447	230	404	NP	NP
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	225	205	91	5.91	4,460	0.742	28.6	503	504	501	500	215	436	NP	NP
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	225	204	91	7.58	7,790	1.76	84.1	806	806	841	839	336	675	NP	NP
2,3,7,8-TCDD	1746-01-6	ppt-TOC	225	209	93	2.42	107,000	2.23	73.8	6,330	6,330	12,600	12,600	839	2,160	NP	NP
2,3,7,8-TCDF	51207-31-9	ppt-TOC	225	208	92	3.45	9,390	3.00	21.5	916	916	1,060	1,060	385	817	NP	NP
OCDD	3268-87-9	ppt-TOC	225	225	100	498	956,000	--	--	137,000	137,000	123,000	123,000	91,100	110,000	G	G
OCDF	39001-02-0	ppt-TOC	225	216	96	7.00	144,000	11.5	196	21,700	21,700	23,900	23,800	6,220	14,400	NP	NP
Total HpCDD	37871-00-4	ppt-TOC	225	225	100	68.8	265,000	--	--	35,400	35,400	36,900	36,900	19,000	29,400	NP	NP
Total HpCDF	38998-75-3	ppt-TOC	225	223	99	3.23	151,000	9.92	13.8	20,400	20,400	21,500	21,400	5,740	14,600	NP	NP
Total HxCDD	34465-46-8	ppt-TOC	225	224	100	17.5	77,600	92.2	92.2	9,490	9,490	9,440	9,420	5,890	8,320	NP	NP
Total HxCDF	55684-94-1	ppt-TOC	225	223	99	3.52	104,000	5.31	13.5	12,800	12,800	13,000	13,000	4,160	9,830	NP	NP
Total PeCDD	36088-22-9	ppt-TOC	225	223	99	58.4	18,900	5.68	38.1	2,390	2,390	2,070	2,070	1,550	2,110	NP	NP
Total PeCDF	30402-15-4	ppt-TOC	225	221	98	2.80	149,000	8.00	85.6	15,400	15,400	17,600	17,600	4,830	10,900	NP	NP
Total TCDD	41903-57-5	ppt-TOC	225	223	99	22.3	117,000	8.18	28.0	9,200	9,200	14,700	14,700	2,970	4,760	NP	NP
Total TCDF	55722-27-5	ppt-TOC	225	225	100	21.3	199,000	--	--	24,300	24,300	28,600	28,600	7,990	16,300	NP	NP
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	222	190	86	110	303,000	44.2	4,780	51,000	51,000	54,100	54,000	13,200	39,200	NP	NP
PCB-100	39485-83-1	ppt-TOC	224	162	72	369	82,200	44.2	14,400	12,400	12,300	12,400	12,400	4,850	11,400	NP	NP
PCB-103	60145-21-3	ppt-TOC	225	167	74	319	109,000	44.2	2,980	17,700	17,700	19,100	19,100	6,010	13,100	NP	NP
PCB-104	56558-16-8	ppt-TOC	223	100	45	157	5,680	44.2	16,200	1,020	803	989	647	747	825	G/Ln	NP
PCB-105	32598-14-4	ppt-TOC	225	210	93	67.2	3,530,000	44.2	2,490	450,000	450,000	547,000	546,000	85,600	265,000	NP	NP
PCB-106/118	PCB-106/118	ppt-TOC	225	216	96	122	8,040,000	68.9	4,320	1,200,000	1,200,000	1,390,000	1,390,000	221,000	767,000	NP	NP
PCB-107/109	70424-68-9/7447	ppt-TOC	225	186	83	260	650,000	44.2	6,640	93,100	93,100	105,000	105,000	22,300	65,500	NP	NP
PCB-108/112	70362-41-3/7447	ppt-TOC	225	183	81	260	509,000	44.2	4,780	77,600	77,500	93,300	93,100	18,200	47,300	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-11	2050-67-1	ppt-TOC	224	195	87	126	3,720,000	219	5,400	506,000	506,000	658,000	657,000	91,100	250,000	NP	NP
PCB-110	38380-03-9	ppt-TOC	225	215	96	149	10,400,000	219	5,390	1,610,000	1,610,000	1,890,000	1,890,000	293,000	1,010,000	NP	NP
PCB-111/115	PCB-111/115	ppt-TOC	225	172	76	269	243,000	44.2	2,980	30,300	30,300	40,100	40,000	8,500	16,000	G/Ln	NP
PCB-113	68194-10-5	ppt-TOC	223	124	56	532	139,000	44.2	16,200	5,830	5,770	12,700	12,700	2,010	2,390	NP	NP
PCB-114	74472-37-0	ppt-TOC	225	178	79	170	221,000	44.2	2,690	29,900	29,900	37,700	37,700	8,210	15,800	G	NP
PCB-119	56558-17-9	ppt-TOC	225	175	78	281	227,000	44.2	4,780	38,600	38,600	42,000	42,000	11,100	28,200	NP	NP
PCB-12/13	PCB-12/13	ppt-TOC	224	164	73	1,030	1,150,000	88.4	9,560	156,000	156,000	182,000	182,000	34,300	115,000	NP	NP
PCB-120	68194-12-7	ppt-TOC	223	147	66	422	87,900	44.2	16,200	4,690	4,640	7,720	7,710	2,060	2,750	NP	NP
PCB-121	56558-18-0	ppt-TOC	222	0	0	--	--	44.2	16,200	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt-TOC	225	169	75	372	135,000	44.2	3,580	17,900	17,900	22,200	22,200	5,810	10,100	G	NP
PCB-123	65510-44-3	ppt-TOC	225	184	82	23.4	189,000	44.2	2,690	24,000	24,000	28,600	28,600	6,840	14,700	NP	NP
PCB-124	70424-70-3	ppt-TOC	225	176	78	386	358,000	44.2	3,120	49,900	49,900	59,800	59,600	13,200	30,200	G	NP
PCB-126	57465-28-8	ppt-TOC	224	168	75	46.0	48,800	44.2	4,780	6,670	6,600	7,130	7,180	2,890	4,940	NP	NP
PCB-127	39635-33-1	ppt-TOC	222	1	1	3,700	3,700	44.2	16,200	884	--	947	--	633	663	--	--
PCB-128/162	PCB-128/162	ppt-TOC	225	194	86	136	1,110,000	44.2	2,690	162,000	162,000	182,000	182,000	36,700	114,000	NP	NP
PCB-129	55215-18-4	ppt-TOC	225	176	78	340	306,000	44.2	2,690	44,100	44,100	50,600	50,500	12,300	28,000	G	NP
PCB-130	52663-66-8	ppt-TOC	225	184	82	206	506,000	44.2	2,690	68,500	68,500	75,400	75,300	17,900	51,700	NP	NP
PCB-131	61798-70-7	ppt-TOC	222	23	10	225	2,420	44.2	16,200	865	398	927	315	624	668	G/Ln	NP
PCB-132/161	38380-05-1/7447	ppt-TOC	225	199	88	152	2,100,000	44.2	2,490	303,000	303,000	343,000	343,000	62,600	211,000	NP	NP
PCB-133/142	PCB-133/142	ppt-TOC	225	174	77	340	219,000	44.2	2,690	32,400	32,400	36,100	36,000	9,860	23,300	G	NP
PCB-134/143	PCB-134/143	ppt-TOC	225	179	80	417	389,000	44.2	2,690	59,300	59,300	67,100	67,000	15,700	40,800	G	NP
PCB-135	52744-13-5	ppt-TOC	225	189	84	149	1,010,000	44.2	2,690	147,000	147,000	161,000	160,000	33,900	109,000	NP	NP
PCB-136	38411-22-2	ppt-TOC	225	189	84	351	1,050,000	44.2	2,690	151,000	151,000	168,000	167,000	34,200	106,000	NP	NP
PCB-137	35694-06-5	ppt-TOC	225	180	80	326	307,000	44.2	2,690	49,600	49,600	56,600	56,500	13,800	31,100	G	NP
PCB-138/163/164	35065-28-2/7447	ppt-TOC	225	213	95	123	7,540,000	219	2,490	1,060,000	1,060,000	1,170,000	1,160,000	211,000	778,000	NP	NP
PCB-139/149	PCB-139/149	ppt-TOC	225	211	94	102	6,530,000	219	2,490	923,000	923,000	1,000,000	1,000,000	185,000	700,000	NP	NP
PCB-14	34883-41-5	ppt-TOC	221	6	3	345	5,120	88.4	265,000	2,770	412	12,400	368	1,110	1,160	G/Ln	NP
PCB-140	59291-64-4	ppt-TOC	224	160	71	246	48,200	44.2	14,400	6,570	6,510	6,620	6,660	3,030	5,150	G	NP
PCB-141	52712-04-6	ppt-TOC	225	195	87	131	1,360,000	44.2	2,490	187,000	187,000	213,000	212,000	40,800	129,000	NP	NP
PCB-144	68194-14-9	ppt-TOC	225	177	79	454	396,000	44.2	2,980	53,200	53,200	60,500	60,400	14,500	35,800	G	NP
PCB-145	74472-40-5	ppt-TOC	223	90	40	292	2,510	44.2	16,200	925	678	936	461	668	695	Ln	NP
PCB-146/165	51908-16-8/7447	ppt-TOC	225	192	85	143	1,070,000	44.2	2,690	156,000	156,000	166,000	166,000	36,500	123,000	NP	NP
PCB-147	68194-13-8	ppt-TOC	225	176	78	275	200,000	44.2	2,690	29,700	29,700	30,200	30,100	9,670	24,600	NP	NP
PCB-148	74472-41-6	ppt-TOC	224	154	69	411	10,600	44.2	16,200	2,270	2,230	1,810	1,730	1,490	1,970	G	NP
PCB-15	2050-68-2	ppt-TOC	225	204	91	725	5,500,000	88.4	7,640	756,000	756,000	808,000	806,000	145,000	650,000	NP	NP
PCB-150	68194-08-1	ppt-TOC	224	153	68	343	19,700	44.2	16,200	4,050	3,990	3,890	3,900	2,160	3,150	G/Ln	NP
PCB-151	52663-63-5	ppt-TOC	225	196	87	229	1,790,000	44.2	2,490	253,000	253,000	276,000	275,000	55,400	187,000	NP	NP
PCB-152	68194-09-2	ppt-TOC	224	143	64	178	9,960	44.2	16,200	1,590	1,470	1,390	1,300	1,080	1,250	G/Ln	Ln
PCB-153	35065-27-1	ppt-TOC	225	211	94	120	7,220,000	219	2,490	1,030,000	1,030,000	1,110,000	1,110,000	208,000	790,000	NP	NP

Table D-10
Summary Statistics
Newark Bay Study Area - Phase I and Phase II Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-154	60145-22-4	ppt-TOC	225	173	77	304	112,000	44.2	2,980	21,800	21,800	21,600	21,500	7,570	18,700	NP	NP
PCB-155	33979-03-2	ppt-TOC	223	147	66	460	187,000	44.2	16,200	8,540	8,500	19,700	19,700	2,290	2,310	NP	NP
PCB-156	38380-08-4	ppt-TOC	225	196	87	76.5	729,000	44.2	2,490	100,000	100,000	113,000	113,000	23,200	68,300	NP	NP
PCB-157	69782-90-7	ppt-TOC	225	182	81	29.7	169,000	44.2	4,780	22,500	22,400	24,700	24,700	6,920	16,000	NP	NP
PCB-158/160	74472-42-7/4141	ppt-TOC	225	189	84	304	893,000	44.2	2,690	119,000	119,000	135,000	134,000	28,100	81,700	NP	NP
PCB-159	39635-35-3	ppt-TOC	225	127	56	380	73,800	44.2	14,400	8,050	7,950	10,700	10,700	2,630	3,630	G	NP
PCB-16/32	PCB-16/32	ppt-TOC	225	205	91	49.8	7,310,000	219	2,250	969,000	969,000	1,380,000	1,380,000	120,000	369,000	NP	NP
PCB-166	41411-63-6	ppt-TOC	225	161	72	199	30,800	44.2	14,400	4,400	4,340	4,660	4,690	2,180	2,870	G/Ln	NP
PCB-167	52663-72-6	ppt-TOC	225	187	83	36.2	294,000	44.2	2,690	41,600	41,500	45,800	45,700	11,300	30,900	NP	NP
PCB-168	59291-65-5	ppt-TOC	224	146	65	382	16,300	44.2	16,200	2,150	2,090	2,130	2,060	1,350	1,680	G/Ln	NP
PCB-169	32774-16-6	ppt-TOC	222	31	14	39.5	3,850	44.2	16,200	754	227	903	355	486	504	G/Ln	NP
PCB-17	37680-66-3	ppt-TOC	225	199	88	426	4,930,000	44.2	2,490	696,000	696,000	973,000	971,000	86,200	274,000	NP	NP
PCB-170	35065-30-6	ppt-TOC	225	198	88	154	1,820,000	44.2	2,490	242,000	242,000	263,000	263,000	53,700	185,000	NP	NP
PCB-171	52663-71-5	ppt-TOC	225	182	81	334	511,000	44.2	2,980	71,800	71,800	77,400	77,300	19,200	54,000	NP	NP
PCB-172	52663-74-8	ppt-TOC	225	177	79	369	299,000	44.2	2,690	43,000	43,000	45,500	45,500	13,300	33,300	G	NP
PCB-173	68194-16-1	ppt-TOC	225	161	72	453	36,400	44.2	16,200	6,030	6,010	6,210	6,200	2,790	4,350	G	NP
PCB-174	38411-25-5	ppt-TOC	225	200	89	151	1,710,000	44.2	2,490	266,000	266,000	283,000	282,000	60,100	198,000	NP	NP
PCB-175	40186-70-7	ppt-TOC	225	170	76	407	103,000	44.2	2,980	14,600	14,600	15,700	15,700	5,680	11,100	G	NP
PCB-176	52663-65-7	ppt-TOC	225	177	79	341	292,000	44.2	2,690	41,000	40,900	44,000	43,900	12,400	29,800	G	NP
PCB-177	52663-70-4	ppt-TOC	225	194	86	127	1,210,000	44.2	2,690	173,000	173,000	183,000	182,000	41,200	137,000	NP	NP
PCB-178	52663-67-9	ppt-TOC	225	183	81	271	460,000	44.2	2,690	65,200	65,200	67,000	66,900	19,200	51,300	NP	NP
PCB-179	52663-64-6	ppt-TOC	225	193	86	158	1,060,000	44.2	2,690	149,000	149,000	159,000	159,000	37,200	114,000	NP	NP
PCB-18	37680-65-2	ppt-TOC	225	210	93	66.3	11,100,000	219	2,250	1,520,000	1,520,000	2,270,000	2,270,000	175,000	483,000	NP	NP
PCB-180	35065-29-3	ppt-TOC	225	207	92	57.9	4,500,000	201	2,490	644,000	644,000	682,000	680,000	140,000	498,000	NP	NP
PCB-181	74472-47-2	ppt-TOC	224	152	68	317	30,500	44.2	16,200	3,050	2,990	3,810	3,800	1,600	1,780	G/Ln	NP
PCB-182/187	PCB-182/187	ppt-TOC	225	204	91	188	3,060,000	44.2	2,490	427,000	427,000	441,000	440,000	100,000	340,000	NP	NP
PCB-183	52663-69-1	ppt-TOC	225	195	87	106	1,340,000	44.2	2,690	179,000	179,000	191,000	190,000	43,700	138,000	NP	NP
PCB-184	74472-48-3	ppt-TOC	222	147	66	185	12,100	44.2	16,200	1,520	1,420	1,620	1,520	987	1,080	Ln	Ln
PCB-185	52712-05-7	ppt-TOC	225	176	78	300	203,000	44.2	2,690	31,800	31,800	34,100	34,100	10,400	23,600	G	NP
PCB-186	74472-49-4	ppt-TOC	222	1	1	163	163	44.2	16,200	877	--	934	--	630	663	--	--
PCB-188	74487-85-7	ppt-TOC	223	153	69	273	15,300	44.2	16,200	1,490	1,420	1,540	1,420	1,020	1,220	NP	NP
PCB-189	39635-31-9	ppt-TOC	225	174	77	46.2	71,400	37.1	4,780	9,420	9,350	9,840	9,880	3,770	7,330	G	NP
PCB-19	38444-73-4	ppt-TOC	225	172	76	596	909,000	44.2	4,780	132,000	132,000	192,000	192,000	20,400	49,000	NP	NP
PCB-190	41411-64-7	ppt-TOC	225	178	79	422	375,000	44.2	7,160	50,800	50,800	54,200	54,100	14,700	39,000	NP	NP
PCB-191	74472-50-7	ppt-TOC	225	170	76	469	81,700	44.2	2,980	10,600	10,600	11,300	11,200	4,340	8,060	G	NP
PCB-192	74472-51-8	ppt-TOC	222	1	1	1,340	1,340	44.2	16,200	878	--	933	--	632	663	--	--
PCB-193	69782-91-8	ppt-TOC	225	175	78	283	225,000	44.2	2,690	30,900	30,900	32,300	32,300	10,300	24,500	G	NP
PCB-194	35694-08-7	ppt-TOC	225	195	87	202	1,140,000	44.2	2,690	163,000	163,000	167,000	166,000	43,400	130,000	NP	NP
PCB-195	52663-78-2	ppt-TOC	225	181	80	192	440,000	44.2	2,690	64,400	64,300	69,600	69,500	18,300	47,700	G	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-196/203	PCB-196/203	ppt-TOC	225	200	89	117	1,460,000	44.2	2,690	220,000	220,000	206,000	206,000	60,100	190,000	NP	NP
PCB-197	33091-17-7	ppt-TOC	225	169	75	533	49,700	44.2	14,400	7,040	7,050	6,890	6,860	3,480	5,720	G/Ln	NP
PCB-198	68194-17-2	ppt-TOC	225	171	76	587	66,700	44.2	14,400	12,000	12,000	11,800	11,800	5,310	9,660	G/Ln	NP
PCB-199	52663-75-9	ppt-TOC	225	200	89	479	1,330,000	44.2	2,690	220,000	220,000	201,000	200,000	61,800	196,000	NP	NP
PCB-2	2051-61-8	ppt-TOC	222	210	95	225	147,000	378	2,490	17,700	17,700	18,200	18,100	8,110	14,900	NP	NP
PCB-20/21/33	38444-84-7/5570	ppt-TOC	225	204	91	315	6,500,000	44.2	2,490	850,000	850,000	1,270,000	1,270,000	104,000	283,000	NP	NP
PCB-200	52663-73-7	ppt-TOC	225	174	77	334	126,000	44.2	2,980	21,900	21,900	21,900	21,900	8,250	16,500	G	NP
PCB-201	40186-71-8	ppt-TOC	225	176	78	359	200,000	44.2	2,980	29,500	29,500	28,200	28,100	10,900	25,500	NP	NP
PCB-202	2136-99-4	ppt-TOC	225	189	84	331	512,000	44.2	2,980	66,400	66,400	66,700	66,600	21,900	57,600	NP	NP
PCB-204	74472-52-9	ppt-TOC	222	18	8	187	2,260	44.2	16,200	875	318	935	266	626	648	G/Ln	NP
PCB-205	74472-53-0	ppt-TOC	225	169	75	513	51,100	44.2	14,400	7,230	7,240	7,070	7,050	3,550	5,710	G/Ln	NP
PCB-206	40186-72-9	ppt-TOC	225	201	89	295	1,720,000	44.2	2,490	176,000	176,000	209,000	208,000	50,600	152,000	NP	NP
PCB-207	52663-79-3	ppt-TOC	225	176	78	126	87,400	44.2	2,690	15,400	15,300	13,800	13,900	6,630	14,100	NP	NP
PCB-208	52663-77-1	ppt-TOC	225	192	85	124	789,000	44.2	2,690	61,200	61,200	84,500	84,300	19,600	50,400	NP	NP
PCB-209	2051-24-3	ppt-TOC	225	206	92	219	1,110,000	44.2	2,490	160,000	160,000	160,000	160,000	50,600	132,000	NP	NP
PCB-22	38444-85-8	ppt-TOC	225	203	90	280	5,380,000	44.2	2,490	666,000	666,000	946,000	944,000	89,100	269,000	NP	NP
PCB-23	55720-44-0	ppt-TOC	222	120	54	195	14,400	44.2	16,200	1,980	1,800	2,270	2,240	1,110	1,060	NP	NP
PCB-24/27	PCB-24/27	ppt-TOC	225	178	79	247	1,080,000	44.2	3,580	140,000	140,000	188,000	188,000	23,600	69,200	NP	NP
PCB-25	55712-37-3	ppt-TOC	225	185	82	233	5,760,000	44.2	2,690	270,000	270,000	468,000	467,000	42,000	172,000	NP	NP
PCB-26	38444-81-4	ppt-TOC	225	196	87	321	6,840,000	44.2	2,490	414,000	414,000	647,000	646,000	62,000	247,000	NP	NP
PCB-28	7012-37-5	ppt-TOC	225	218	97	119	20,900,000	219	2,250	2,320,000	2,320,000	2,990,000	2,980,000	331,000	1,300,000	NP	NP
PCB-29	15862-07-4	ppt-TOC	224	146	65	594	56,300	44.2	16,200	7,350	7,350	10,500	10,400	2,570	2,570	NP	NP
PCB-3	2051-62-9	ppt-TOC	225	201	89	127	285,000	346	2,490	45,200	45,200	49,400	49,300	14,400	37,100	NP	NP
PCB-30	35693-92-6	ppt-TOC	222	64	29	299	9,250	44.2	16,200	1,480	1,180	1,730	1,670	871	850	N/G/Ln	NP
PCB-31	16606-02-3	ppt-TOC	225	218	97	87.4	17,700,000	219	2,250	1,900,000	1,900,000	2,660,000	2,650,000	264,000	933,000	NP	NP
PCB-34	37680-68-5	ppt-TOC	224	151	67	509	128,000	44.2	14,400	13,400	13,400	18,300	18,300	4,370	7,200	NP	NP
PCB-35	37680-69-6	ppt-TOC	224	169	75	357	397,000	44.2	2,690	62,200	62,100	73,300	73,100	15,200	40,200	NP	NP
PCB-36	38444-87-0	ppt-TOC	223	128	57	382	9,740	44.2	16,200	1,750	1,670	1,480	1,380	1,190	1,600	Ln	NP
PCB-37	38444-90-5	ppt-TOC	225	202	90	300	4,010,000	44.2	2,490	584,000	584,000	685,000	684,000	97,500	422,000	NP	NP
PCB-38	53555-66-1	ppt-TOC	224	153	68	615	170,000	44.2	14,400	11,700	11,700	17,400	17,300	4,110	6,910	Ln	NP
PCB-39	38444-88-1	ppt-TOC	224	144	64	882	27,500	44.2	18,200	4,600	4,660	4,420	4,310	2,360	4,100	Ln	NP
PCB-4/10	PCB-4/10	ppt-TOC	224	163	73	994	1,830,000	88.4	9,560	269,000	269,000	357,000	356,000	43,300	141,000	NP	NP
PCB-40	38444-93-8	ppt-TOC	217	185	85	179	2,430,000	44.2	2,490	287,000	287,000	397,000	396,000	43,600	125,000	NP	NP
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	192	183	95	81.1	11,400,000	219	2,490	1,350,000	1,350,000	1,750,000	1,750,000	203,000	719,000	NP	NP
PCB-42/59	36559-22-5/7447	ppt-TOC	225	203	90	362	4,850,000	44.2	2,490	632,000	632,000	839,000	837,000	93,200	312,000	NP	NP
PCB-43/49	PCB-43/49	ppt-TOC	225	212	94	88.4	11,400,000	219	21,800	1,560,000	1,560,000	2,030,000	2,020,000	234,000	842,000	NP	NP
PCB-44	41464-39-5	ppt-TOC	225	216	96	116	14,000,000	219	35,800	1,800,000	1,800,000	2,490,000	2,480,000	258,000	838,000	NP	NP
PCB-45	70362-45-7	ppt-TOC	225	192	85	150	2,190,000	44.2	2,490	280,000	280,000	400,000	399,000	39,500	110,000	G	NP
PCB-46	41464-47-5	ppt-TOC	225	180	80	105	819,000	44.2	2,690	116,000	116,000	165,000	164,000	19,500	47,100	G	NP

Table D-10
Summary Statistics
Newark Bay Study Area - Phase I and Phase II Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-47	2437-79-8	ppt-TOC	225	206	92	64.2	4,710,000	201	2,490	610,000	610,000	782,000	780,000	102,000	379,000	NP	NP
PCB-48/75	70362-47-9/3259	ppt-TOC	225	197	88	329	2,530,000	44.2	2,490	373,000	373,000	502,000	501,000	54,800	156,000	NP	NP
PCB-5/8	PCB-5/8	ppt-TOC	225	182	81	695	4,830,000	88.4	5,720	577,000	577,000	785,000	783,000	84,400	290,000	NP	NP
PCB-50	62796-65-0	ppt-TOC	224	153	68	759	41,600	44.2	14,400	6,310	6,390	8,010	7,930	2,520	2,940	NP	NP
PCB-51	68194-04-7	ppt-TOC	225	181	80	218	735,000	44.2	2,690	96,800	96,800	125,000	125,000	19,100	54,500	NP	NP
PCB-52/69	35693-99-3/6023	ppt-TOC	225	221	98	124	14,000,000	219	2,250	1,940,000	1,940,000	2,570,000	2,560,000	320,000	972,000	NP	NP
PCB-53	41464-41-9	ppt-TOC	225	193	86	171	2,100,000	44.2	2,490	279,000	279,000	388,000	387,000	42,400	117,000	NP	NP
PCB-54	15968-05-5	ppt-TOC	224	150	67	900	41,700	44.2	14,400	5,050	5,170	5,900	5,780	2,310	3,110	NP	NP
PCB-55	74338-24-2	ppt-TOC	225	167	74	242	154,000	44.2	4,780	21,000	21,000	27,400	27,400	6,140	11,100	NP	NP
PCB-56/60	PCB-56/60	ppt-TOC	225	211	94	57.4	7,000,000	219	2,490	1,000,000	1,000,000	1,340,000	1,340,000	150,000	504,000	NP	NP
PCB-57	70424-67-8	ppt-TOC	224	155	69	143	71,900	44.2	14,400	10,800	10,700	12,600	12,700	3,960	6,900	NP	NP
PCB-58	41464-49-7	ppt-TOC	223	154	69	289	33,500	44.2	14,400	5,430	5,370	5,650	5,680	2,580	3,860	G/Ln	NP
PCB-6	25569-80-6	ppt-TOC	224	161	72	654	2,750,000	88.4	9,560	139,000	138,000	230,000	229,000	28,300	87,100	NP	NP
PCB-61/70	PCB-61/70	ppt-TOC	225	214	95	115	12,900,000	219	2,490	1,840,000	1,840,000	2,410,000	2,400,000	275,000	896,000	NP	NP
PCB-62	54230-22-7	ppt-TOC	222	6	3	651	2,630	44.2	16,200	895	679	940	167	643	683	N/G/Ln	NP
PCB-63	74472-34-7	ppt-TOC	225	178	79	290	493,000	44.2	2,690	67,400	67,400	86,000	85,900	14,300	37,200	NP	NP
PCB-65	33284-54-7	ppt-TOC	222	42	19	258	153,000	44.2	16,200	2,020	1,560	10,300	10,300	868	860	NP	NP
PCB-67	73575-53-8	ppt-TOC	224	173	77	272	392,000	44.2	2,690	57,700	57,700	74,200	74,100	12,700	31,200	NP	NP
PCB-68	73575-52-7	ppt-TOC	202	136	67	362	51,500	44.2	14,400	8,620	8,570	8,910	8,930	3,420	7,310	NP	NP
PCB-7/9	PCB-7/9	ppt-TOC	224	155	69	1,450	403,000	88.4	28,700	52,100	52,200	74,900	74,600	12,400	18,900	NP	NP
PCB-73	74338-23-1	ppt-TOC	222	16	7	1,060	1,180,000	44.2	16,200	9,460	9,630	80,700	80,500	844	695	Ln	NP
PCB-74	32690-93-0	ppt-TOC	225	208	92	47.0	5,500,000	219	2,490	793,000	793,000	1,040,000	1,040,000	121,000	415,000	NP	NP
PCB-76/66	PCB-76/66	ppt-TOC	225	214	95	92.1	11,600,000	219	23,100	1,600,000	1,600,000	2,030,000	2,030,000	245,000	890,000	NP	NP
PCB-77	32598-13-3	ppt-TOC	225	207	92	37.2	1,340,000	44.2	2,490	202,000	202,000	244,000	244,000	38,000	131,000	NP	NP
PCB-78	70362-49-1	ppt-TOC	222	35	16	491	26,900	44.2	16,200	1,820	1,580	3,530	3,500	808	695	G/Ln	NP
PCB-79	41464-48-6	ppt-TOC	224	150	67	479	103,000	44.2	24,900	14,500	14,200	16,500	16,700	5,210	9,810	NP	NP
PCB-80	33284-52-5	ppt-TOC	222	0	0	--	--	44.2	16,200	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt-TOC	225	172	76	56.7	165,000	44.2	4,780	8,420	8,370	17,800	17,800	2,530	3,350	NP	NP
PCB-82	52663-62-4	ppt-TOC	225	190	84	159	1,260,000	44.2	2,690	187,000	187,000	232,000	232,000	36,900	106,000	NP	NP
PCB-83	60145-20-2	ppt-TOC	222	116	52	179	11,900	44.2	16,200	1,590	1,400	1,740	1,660	982	1,040	G/Ln	NP
PCB-84/92	52663-60-2/5266	ppt-TOC	225	207	92	52.4	4,090,000	219	2,490	642,000	642,000	779,000	777,000	116,000	393,000	NP	NP
PCB-85/116	PCB-85/116	ppt-TOC	225	199	88	224	1,780,000	44.2	2,490	258,000	258,000	318,000	317,000	51,500	152,000	NP	NP
PCB-86	55312-69-1	ppt-TOC	225	162	72	508	162,000	44.2	11,600	13,100	13,000	20,600	20,500	3,990	5,440	Ln	NP
PCB-87/117/125	38380-02-8/6819	ppt-TOC	225	204	91	201	3,470,000	44.2	2,490	504,000	504,000	633,000	631,000	94,500	285,000	NP	NP
PCB-88/91	PCB-88/91	ppt-TOC	225	197	88	175	1,720,000	44.2	2,490	271,000	271,000	324,000	323,000	52,200	176,000	NP	NP
PCB-89	73575-57-2	ppt-TOC	224	167	75	261	183,000	44.2	4,780	26,100	26,100	34,500	34,500	7,080	13,100	G	NP
PCB-90/101	PCB-90/101	ppt-TOC	225	218	97	339	9,490,000	219	2,490	1,480,000	1,480,000	1,740,000	1,740,000	277,000	893,000	NP	NP
PCB-93	73575-56-1	ppt-TOC	222	1	1	254,000	254,000	44.2	16,200	2,020	--	17,000	--	647	663	--	--
PCB-94	73575-55-0	ppt-TOC	225	161	72	432	81,000	44.2	14,400	11,700	11,700	13,100	13,100	4,360	8,000	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-95/98/102	38379-99-6/6023	ppt-TOC	225	215	96	94.2	7,610,000	219	2,490	1,170,000	1,170,000	1,400,000	1,400,000	210,000	714,000	NP	NP
PCB-96	73575-54-9	ppt-TOC	225	164	73	244	96,600	44.2	4,780	14,200	14,100	18,200	18,200	4,520	7,690	G/Ln	NP
PCB-97	41464-51-1	ppt-TOC	225	200	89	407	3,150,000	44.2	2,490	486,000	486,000	594,000	592,000	89,000	282,000	NP	NP
PCB-99	38380-01-7	ppt-TOC	225	207	92	63.2	4,610,000	219	2,490	729,000	729,000	845,000	844,000	135,000	490,000	NP	NP
Total Congener PCBs (209)	No CAS	ppt-TOC	225	225	100	741	31,700,000	--	--	46,100,000	46,100,000	56,100,000	56,100,000	7,730,000	27,000,000	NP	NP
Total Congener PCBs (NOAA 1989)	No CAS	ppt-TOC	225	225	100	462	23,400,000	--	--	34,100,000	34,100,000	41,500,000	41,500,000	6,000,000	20,500,000	NP	NP
Subsurface (>3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	193	193	100	136	90,000	--	--	13,500	13,500	15,300	15,300	5,460	9,110	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	193	188	97	4.97	209,000	7.73	34.2	19,000	19,000	28,400	28,400	3,270	11,400	NP	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	193	159	82	12.0	4,160	2.02	73.0	678	679	722	719	207	630	NP	NP
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	193	178	92	10.5	687	7.05	83.6	147	147	132	132	85.0	120	NP	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	193	177	92	2.68	42,800	4.37	35.7	3,930	3,930	5,950	5,940	732	2,140	NP	NP
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	193	186	96	15.8	3,820	8.31	235	821	821	855	852	311	688	NP	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	193	167	87	2.44	11,400	1.54	56.2	1,140	1,140	1,510	1,500	306	851	NP	NP
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	193	188	97	17.8	1,630	8.21	232	397	397	372	371	212	312	NP	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	193	92	48	8.44	1,410	1.09	401	124	117	200	202	41.7	41.3	NP	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	193	175	91	4.96	995	4.31	65.5	205	205	222	222	92.5	157	NP	NP
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	193	166	86	4.26	3,150	3.63	42.3	479	479	495	494	189	367	NP	NP
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	193	166	86	1.79	2,870	1.68	62.8	458	457	474	473	163	441	NP	NP
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	193	165	86	6.14	4,760	3.90	71.7	700	700	804	802	233	562	NP	NP
2,3,7,8-TCDD	1746-01-6	ppt-TOC	193	169	88	3.09	139,000	2.85	72.7	11,500	11,500	22,100	22,000	537	664	NP	NP
2,3,7,8-TCDF	51207-31-9	ppt-TOC	193	167	87	6.72	3,040	2.90	122	667	667	690	688	238	344	NP	NP
OCDD	3268-87-9	ppt-TOC	193	193	100	3,380	794,000	--	--	142,000	142,000	143,000	143,000	84,000	91,700	NP	NP
OCDF	39001-02-0	ppt-TOC	193	183	95	10.1	328,000	14.6	274	30,400	30,400	44,400	44,300	5,380	17,700	NP	NP
Total HpCDD	37871-00-4	ppt-TOC	193	193	100	406	221,000	--	--	32,100	32,100	37,000	37,000	14,700	20,800	NP	NP
Total HpCDF	38998-75-3	ppt-TOC	193	188	97	4.97	261,000	8.31	35.0	29,200	29,200	38,200	38,100	5,060	21,000	NP	NP
Total HxCDD	34465-46-8	ppt-TOC	193	193	100	122	77,700	--	--	8,010	8,010	8,510	8,510	4,600	6,320	NP	NP
Total HxCDF	55684-94-1	ppt-TOC	193	185	96	2.93	144,000	4.74	54.3	16,900	16,900	21,300	21,200	3,430	13,800	NP	NP
Total PeCDD	36088-22-9	ppt-TOC	193	193	100	38.0	21,400	--	--	2,630	2,630	2,850	2,850	1,470	2,330	NP	NP
Total PeCDF	30402-15-4	ppt-TOC	193	190	98	4.40	108,000	8.29	70.8	19,800	19,800	25,000	24,900	4,040	12,000	NP	NP
Total TCDD	41903-57-5	ppt-TOC	193	193	100	9.60	176,000	--	--	15,300	15,300	27,000	27,000	2,740	3,930	NP	NP
Total TCDF	55722-27-5	ppt-TOC	193	191	99	11.9	223,000	21.1	82.0	32,200	32,200	46,100	46,000	5,940	12,500	NP	G
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	185	152	82	142	663,000	99.6	5,440	61,500	61,500	110,000	109,000	7,410	6,530	NP	NP
PCB-100	39485-83-1	ppt-TOC	193	120	62	169	158,000	96.5	5,440	11,800	11,700	18,400	18,500	2,920	3,190	G	NP
PCB-103	60145-21-3	ppt-TOC	193	126	65	340	267,000	96.5	8,360	18,400	18,300	28,800	28,800	4,010	5,330	G	NP
PCB-104	56558-16-8	ppt-TOC	192	45	23	398	9,650	96.5	5,900	933	730	1,030	927	625	624	NP	NP
PCB-105	32598-14-4	ppt-TOC	193	176	91	26.3	3,480,000	45.1	1,030	507,000	507,000	705,000	703,000	46,600	205,000	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-106/118	PCB-106/118	ppt-TOC	193	181	94	54.6	12,100,000	103	1,270	1,360,000	1,360,000	1,860,000	1,860,000	123,000	611,000	NP	NP
PCB-107/109	70424-68-9/7447	ppt-TOC	193	150	78	224	977,000	96.5	5,440	99,400	99,300	139,000	139,000	14,200	39,000	NP	NP
PCB-108/112	70362-41-3/7447	ppt-TOC	193	148	77	200	1,160,000	96.5	5,440	87,500	87,500	138,000	138,000	11,900	30,300	NP	NP
PCB-11	2050-67-1	ppt-TOC	193	152	79	331	5,610,000	149	9,610	542,000	542,000	888,000	886,000	46,500	212,000	NP	NP
PCB-110	38380-03-9	ppt-TOC	193	178	92	153	18,200,000	132	5,440	1,860,000	1,860,000	2,610,000	2,600,000	168,000	787,000	NP	NP
PCB-111/115	PCB-111/115	ppt-TOC	193	140	73	197	261,000	96.5	5,440	34,300	34,200	50,400	50,300	6,070	11,700	G	NP
PCB-113	68194-10-5	ppt-TOC	192	109	57	179	152,000	96.5	5,440	8,480	8,340	18,700	18,700	1,990	2,190	G/Ln	NP
PCB-114	74472-37-0	ppt-TOC	193	142	74	102	302,000	28.0	4,810	35,500	35,400	53,000	52,900	4,700	11,300	G	NP
PCB-119	56558-17-9	ppt-TOC	193	142	74	239	562,000	96.5	5,440	40,800	40,700	62,300	62,200	7,130	13,300	NP	NP
PCB-12/13	PCB-12/13	ppt-TOC	193	120	62	222	1,690,000	99.6	14,000	100,000	99,900	186,000	185,000	10,600	15,700	NP	NP
PCB-120	68194-12-7	ppt-TOC	192	111	58	214	60,600	96.5	5,440	6,240	6,120	10,500	10,500	1,890	2,190	G	NP
PCB-121	56558-18-0	ppt-TOC	191	0	0	--	--	96.5	5,900	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt-TOC	193	131	68	356	172,000	96.5	5,440	20,000	19,900	29,800	29,800	4,080	7,100	G	NP
PCB-123	65510-44-3	ppt-TOC	193	142	74	78.0	222,000	31.7	2,970	26,200	26,200	37,800	37,800	3,900	10,200	G	NP
PCB-124	70424-70-3	ppt-TOC	193	128	66	277	362,000	96.5	159,000	56,000	55,400	76,400	76,500	9,190	23,900	G	NP
PCB-126	57465-28-8	ppt-TOC	193	125	65	126	40,300	33.0	4,810	7,280	7,240	9,010	9,020	1,760	4,120	G	NP
PCB-127	39635-33-1	ppt-TOC	191	0	0	--	--	96.5	5,900	--	--	--	--	--	--	--	--
PCB-128/162	PCB-128/162	ppt-TOC	193	156	81	160	847,000	99.6	5,440	180,000	180,000	219,000	219,000	25,200	98,400	NP	NP
PCB-129	55215-18-4	ppt-TOC	193	144	75	179	271,000	96.5	5,440	54,200	54,100	68,500	68,400	9,690	23,900	NP	NP
PCB-130	52663-66-8	ppt-TOC	193	147	76	402	372,000	96.5	5,440	74,500	74,500	90,100	89,800	12,800	41,500	NP	NP
PCB-131	61798-70-7	ppt-TOC	192	19	10	366	2,860	96.5	5,900	823	515	658	413	582	593	N/G/Ln	NP
PCB-132/161	38380-05-1/7447	ppt-TOC	193	160	83	229	1,650,000	99.6	5,440	344,000	344,000	421,000	420,000	41,800	174,000	NP	NP
PCB-133/142	PCB-133/142	ppt-TOC	193	141	73	230	186,000	96.5	5,440	35,900	35,900	43,300	43,200	7,500	19,300	NP	NP
PCB-134/143	PCB-134/143	ppt-TOC	193	145	75	183	383,000	96.5	5,440	67,900	67,900	84,300	84,100	11,600	33,700	NP	NP
PCB-135	52744-13-5	ppt-TOC	193	153	79	107	872,000	99.6	5,440	163,000	163,000	196,000	196,000	23,900	90,100	NP	NP
PCB-136	38411-22-2	ppt-TOC	193	155	80	119	885,000	99.6	5,440	171,000	171,000	209,000	208,000	24,400	92,400	NP	NP
PCB-137	35694-06-5	ppt-TOC	193	145	75	194	320,000	96.5	5,440	58,000	58,000	72,500	72,400	10,300	26,500	NP	NP
PCB-138/163/164	35065-28-2/7447	ppt-TOC	193	173	90	148	5,470,000	132	5,440	1,180,000	1,180,000	1,400,000	1,400,000	128,000	630,000	NP	NP
PCB-139/149	PCB-139/149	ppt-TOC	193	169	88	297	5,060,000	99.6	5,440	1,040,000	1,040,000	1,230,000	1,230,000	117,000	605,000	NP	NP
PCB-14	34883-41-5	ppt-TOC	191	13	7	451	10,700	96.5	9,610	1,010	620	1,050	843	684	725	G/Ln	NP
PCB-140	59291-64-4	ppt-TOC	193	120	62	284	61,700	96.5	22,000	7,510	7,380	9,060	9,120	2,640	4,810	G	NP
PCB-141	52712-04-6	ppt-TOC	193	157	81	161	1,120,000	99.6	5,440	220,000	220,000	271,000	271,000	29,600	105,000	NP	NP
PCB-144	68194-14-9	ppt-TOC	193	144	75	253	307,000	96.5	5,440	61,200	61,200	74,000	73,800	11,500	32,700	G	NP
PCB-145	74472-40-5	ppt-TOC	193	85	44	199	3,970	96.5	5,900	912	753	719	648	645	668	G/Ln	NP
PCB-146/165	51908-16-8/7447	ppt-TOC	193	156	81	137	893,000	99.6	5,440	169,000	169,000	199,000	198,000	25,400	97,000	NP	NP
PCB-147	68194-13-8	ppt-TOC	193	138	72	215	249,000	96.5	5,440	33,000	32,900	41,600	41,500	6,790	15,000	NP	NP
PCB-148	74472-41-6	ppt-TOC	193	113	59	248	18,500	96.5	5,440	2,580	2,510	2,670	2,730	1,350	2,240	NP	NP
PCB-15	2050-68-2	ppt-TOC	193	160	83	295	4,220,000	99.6	7,410	508,000	508,000	775,000	773,000	39,900	38,800	NP	NP
PCB-150	68194-08-1	ppt-TOC	193	115	60	219	35,000	96.5	10,600	4,670	4,530	5,710	5,790	1,880	2,960	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-151	52663-63-5	ppt-TOC	193	157	81	246	1,370,000	99.6	5,440	288,000	288,000	340,000	339,000	39,900	178,000	NP	NP
PCB-152	68194-09-2	ppt-TOC	193	101	52	233	14,100	96.5	5,440	1,680	1,580	1,680	1,730	989	1,360	G/Ln	NP
PCB-153	35065-27-1	ppt-TOC	193	174	90	148	5,290,000	99.6	5,440	1,160,000	1,160,000	1,350,000	1,350,000	135,000	685,000	NP	NP
PCB-154	60145-22-4	ppt-TOC	193	141	73	202	195,000	96.5	5,440	24,600	24,500	33,100	33,100	5,710	13,400	NP	NP
PCB-155	33979-03-2	ppt-TOC	192	84	44	330	237,000	96.5	5,440	5,630	5,490	22,900	22,800	1,120	1,070	Ln	NP
PCB-156	38380-08-4	ppt-TOC	193	154	80	41.2	570,000	28.0	1,300	116,000	116,000	143,000	142,000	14,100	57,100	NP	NP
PCB-157	69782-90-7	ppt-TOC	193	141	73	99.5	123,000	27.9	9,530	25,100	25,000	30,400	30,400	4,250	13,100	NP	NP
PCB-158/160	74472-42-7/4141	ppt-TOC	193	154	80	271	653,000	96.5	5,440	136,000	136,000	165,000	164,000	20,200	67,100	NP	NP
PCB-159	39635-35-3	ppt-TOC	193	64	33	269	79,400	96.5	5,900	7,580	7,220	12,900	13,000	1,640	1,320	G	NP
PCB-16/32	PCB-16/32	ppt-TOC	193	166	86	156	15,700,000	132	5,440	1,100,000	1,100,000	2,090,000	2,080,000	52,900	72,900	NP	NP
PCB-166	41411-63-6	ppt-TOC	193	120	62	196	25,900	96.5	5,440	5,170	5,060	6,080	6,150	1,930	2,470	G	NP
PCB-167	52663-72-6	ppt-TOC	193	151	78	49.0	216,000	29.6	1,300	45,700	45,700	55,100	55,000	6,870	25,600	NP	NP
PCB-168	59291-65-5	ppt-TOC	193	101	52	258	21,700	96.5	5,440	2,280	2,180	2,800	2,850	1,180	1,750	NP	NP
PCB-169	32774-16-6	ppt-TOC	191	16	8	35.8	1,370	30.8	3,500	317	111	252	202	224	264	N/G/Ln	NP
PCB-17	37680-66-3	ppt-TOC	193	157	81	236	11,100,000	99.6	5,440	768,000	768,000	1,450,000	1,450,000	37,500	45,700	NP	NP
PCB-170	35065-30-6	ppt-TOC	193	157	81	271	1,320,000	99.6	5,440	268,000	268,000	313,000	313,000	37,900	168,000	NP	NP
PCB-171	52663-71-5	ppt-TOC	192	148	77	193	400,000	96.5	5,440	77,200	77,100	89,500	89,300	14,200	50,400	NP	NP
PCB-172	52663-74-8	ppt-TOC	192	143	75	526	235,000	96.5	5,440	47,600	47,600	53,300	53,100	10,900	30,900	G	NP
PCB-173	68194-16-1	ppt-TOC	192	125	65	364	35,900	96.5	5,440	7,130	7,090	8,160	8,180	2,530	3,980	G	NP
PCB-174	38411-25-5	ppt-TOC	192	159	83	283	1,590,000	99.6	5,440	323,000	323,000	370,000	369,000	48,600	200,000	NP	NP
PCB-175	40186-70-7	ppt-TOC	193	141	73	388	92,700	96.5	5,440	16,900	16,900	18,600	18,600	5,200	11,600	G	NP
PCB-176	52663-65-7	ppt-TOC	193	148	77	192	238,000	96.5	5,440	47,800	47,800	54,300	54,200	10,600	32,700	NP	NP
PCB-177	52663-70-4	ppt-TOC	192	156	81	168	913,000	99.6	5,440	187,000	187,000	212,000	212,000	30,300	129,000	NP	NP
PCB-178	52663-67-9	ppt-TOC	193	149	77	235	348,000	99.6	5,440	74,300	74,200	79,200	79,100	16,300	51,700	NP	NP
PCB-179	52663-64-6	ppt-TOC	193	158	82	139	833,000	99.6	5,440	172,000	172,000	191,000	190,000	30,900	123,000	NP	NP
PCB-18	37680-65-2	ppt-TOC	193	172	89	188	29,800,000	132	5,440	1,840,000	1,840,000	3,640,000	3,640,000	81,200	116,000	NP	NP
PCB-180	35065-29-3	ppt-TOC	192	171	89	192	3,470,000	99.6	5,440	730,000	730,000	809,000	807,000	104,000	474,000	NP	NP
PCB-181	74472-47-2	ppt-TOC	192	122	64	292	16,800	96.5	5,440	3,590	3,530	3,880	3,910	1,620	1,840	G	NP
PCB-182/187	PCB-182/187	ppt-TOC	193	167	87	239	2,290,000	99.6	5,840	493,000	493,000	519,000	517,000	80,600	365,000	NP	NP
PCB-183	52663-69-1	ppt-TOC	193	157	81	188	1,000,000	99.6	5,440	206,000	206,000	227,000	227,000	35,400	140,000	NP	NP
PCB-184	74472-48-3	ppt-TOC	192	110	57	260	10,500	96.5	5,440	1,140	1,070	1,230	1,210	755	886	Ln	NP
PCB-185	52712-05-7	ppt-TOC	192	144	75	519	194,000	96.5	5,440	39,100	39,100	43,300	43,200	9,660	24,400	G	NP
PCB-186	74472-49-4	ppt-TOC	191	3	2	314	365	96.5	5,900	766	--	615	--	552	580	--	--
PCB-188	74487-85-7	ppt-TOC	193	123	64	505	23,900	96.5	5,440	1,650	1,680	2,140	2,110	988	1,220	Ln	NP
PCB-189	39635-31-9	ppt-TOC	193	140	73	166	508,000	13.1	4,810	12,900	12,900	37,700	37,600	2,290	6,580	NP	NP
PCB-19	38444-73-4	ppt-TOC	193	133	69	247	2,450,000	96.5	5,440	152,000	152,000	305,000	304,000	10,400	10,600	NP	NP
PCB-190	41411-64-7	ppt-TOC	193	146	76	192	281,000	96.5	5,440	58,100	58,000	66,300	66,200	12,100	38,100	G	NP
PCB-191	74472-50-7	ppt-TOC	192	136	71	281	57,200	96.5	5,790	11,800	11,700	13,300	13,300	3,710	7,500	G	NP
PCB-192	74472-51-8	ppt-TOC	191	1	1	1,920	1,920	96.5	5,900	775	--	620	--	557	585	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-193	69782-91-8	ppt-TOC	192	144	75	361	163,000	96.5	5,440	34,300	34,300	38,100	38,100	8,500	23,400	G	NP
PCB-194	35694-08-7	ppt-TOC	193	161	83	204	931,000	99.6	5,440	199,000	199,000	194,000	193,000	40,400	162,000	NP	N
PCB-195	52663-78-2	ppt-TOC	193	147	76	606	419,000	96.5	5,440	76,400	76,400	83,400	83,200	16,400	53,400	NP	NP
PCB-196/203	PCB-196/203	ppt-TOC	193	167	87	356	1,130,000	99.6	5,440	313,000	313,000	278,000	278,000	62,900	307,000	NP	NP
PCB-197	33091-17-7	ppt-TOC	193	141	73	168	38,100	96.5	5,440	8,510	8,440	7,890	7,940	3,480	7,650	NP	NP
PCB-198	68194-17-2	ppt-TOC	193	145	75	261	65,900	96.5	5,440	17,700	17,600	16,100	16,100	6,150	15,300	NP	NP
PCB-199	52663-75-9	ppt-TOC	193	166	86	285	1,300,000	99.6	5,440	336,000	336,000	310,000	309,000	65,900	310,000	NP	NP
PCB-2	2051-61-8	ppt-TOC	185	176	95	341	176,000	205	5,440	16,800	16,800	25,100	25,000	6,150	6,630	NP	NP
PCB-20/21/33	38444-84-7/5570	ppt-TOC	193	165	86	133	13,900,000	202	5,440	1,080,000	1,080,000	2,050,000	2,040,000	51,200	76,900	NP	NP
PCB-200	52663-73-7	ppt-TOC	193	147	76	344	124,000	96.5	5,440	29,600	29,600	29,000	28,900	8,770	24,500	NP	NP
PCB-201	40186-71-8	ppt-TOC	193	149	77	492	146,000	96.5	5,440	37,900	37,900	32,900	32,800	11,200	37,700	N	NP
PCB-202	2136-99-4	ppt-TOC	193	156	81	206	650,000	96.5	5,440	106,000	106,000	125,000	125,000	23,400	85,200	NP	NP
PCB-204	74472-52-9	ppt-TOC	192	31	16	281	2,260	96.5	5,900	831	524	628	461	601	638	N/G	NP
PCB-205	74472-53-0	ppt-TOC	193	140	73	189	39,100	96.5	5,440	8,910	8,850	8,300	8,340	3,620	7,830	G	NP
PCB-206	40186-72-9	ppt-TOC	193	168	87	324	2,330,000	99.6	5,440	340,000	340,000	459,000	458,000	59,200	221,000	NP	NP
PCB-207	52663-79-3	ppt-TOC	193	149	77	209	152,000	96.5	5,440	26,900	26,800	30,300	30,300	8,100	22,200	NP	NP
PCB-208	52663-77-1	ppt-TOC	193	162	84	147	976,000	99.6	5,440	131,000	131,000	206,000	206,000	24,000	68,900	NP	NP
PCB-209	2051-24-3	ppt-TOC	193	168	87	194	2,630,000	99.6	5,440	350,000	350,000	494,000	493,000	58,900	191,000	NP	NP
PCB-22	38444-85-8	ppt-TOC	193	158	82	69.6	9,790,000	125	5,440	714,000	714,000	1,320,000	1,310,000	37,900	46,800	NP	NP
PCB-23	55720-44-0	ppt-TOC	193	90	47	466	15,900	96.5	5,440	2,180	2,130	2,880	2,880	1,040	1,100	G/Ln	NP
PCB-24/27	PCB-24/27	ppt-TOC	193	135	70	241	3,190,000	96.5	5,440	144,000	144,000	314,000	313,000	10,700	10,300	NP	NP
PCB-25	55712-37-3	ppt-TOC	193	141	73	390	15,000,000	96.5	5,440	281,000	281,000	1,130,000	1,130,000	15,300	12,600	NP	NP
PCB-26	38444-81-4	ppt-TOC	193	154	80	136	16,200,000	99.6	5,440	421,000	421,000	1,280,000	1,280,000	23,000	34,500	NP	NP
PCB-28	7012-37-5	ppt-TOC	193	177	92	197	31,500,000	272	5,440	2,170,000	2,170,000	3,830,000	3,820,000	115,000	148,000	NP	NP
PCB-29	15862-07-4	ppt-TOC	193	98	51	203	104,000	96.5	7,190	8,780	8,600	15,900	16,000	2,010	1,990	NP	NP
PCB-3	2051-62-9	ppt-TOC	193	168	87	190	531,000	99.6	5,440	46,400	46,400	76,600	76,400	8,430	8,850	NP	NP
PCB-30	35693-92-6	ppt-TOC	191	57	30	450	34,800	96.5	5,440	1,570	1,430	2,940	2,940	812	745	G/Ln	NP
PCB-31	16606-02-3	ppt-TOC	193	172	89	157	32,300,000	272	5,440	2,000,000	2,000,000	3,770,000	3,760,000	93,200	125,000	NP	NP
PCB-34	37680-68-5	ppt-TOC	193	97	50	242	327,000	96.5	5,440	13,500	13,300	30,300	30,300	2,640	1,930	G/Ln	NP
PCB-35	37680-69-6	ppt-TOC	193	128	66	271	598,000	96.5	5,440	73,800	73,700	105,000	105,000	10,300	39,400	NP	NP
PCB-36	38444-87-0	ppt-TOC	192	62	32	910	10,600	96.5	5,900	1,330	1,490	1,240	1,080	839	1,130	NP	NP
PCB-37	38444-90-5	ppt-TOC	193	157	81	198	4,440,000	99.6	5,440	529,000	529,000	853,000	851,000	34,900	38,400	NP	NP
PCB-38	53555-66-1	ppt-TOC	193	93	48	366	158,000	96.5	5,440	11,500	11,300	19,700	19,700	2,470	1,900	G/Ln	NP
PCB-39	38444-88-1	ppt-TOC	193	93	48	186	61,100	96.5	5,440	3,910	3,680	6,260	6,350	1,530	1,860	NP	NP
PCB-4/10	PCB-4/10	ppt-TOC	193	119	62	622	2,830,000	96.5	21,500	257,000	257,000	490,000	488,000	15,500	15,900	G	NP
PCB-40	38444-93-8	ppt-TOC	187	144	77	183	6,070,000	99.6	5,440	319,000	319,000	663,000	661,000	19,700	22,100	NP	NP
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	169	153	91	151	23,300,000	272	5,440	1,450,000	1,450,000	2,770,000	2,760,000	85,800	148,000	NP	NP
PCB-42/59	36559-22-5/7447	ppt-TOC	193	158	82	252	12,500,000	99.6	5,440	647,000	647,000	1,280,000	1,270,000	39,300	56,200	NP	NP
PCB-43/49	PCB-43/49	ppt-TOC	193	171	89	150	33,500,000	132	5,440	1,640,000	1,640,000	3,250,000	3,240,000	99,800	232,000	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-44	41464-39-5	ppt-TOC	193	175	91	216	35,000,000	132	5,440	1,980,000	1,980,000	3,740,000	3,730,000	120,000	259,000	NP	NP
PCB-45	70362-45-7	ppt-TOC	193	153	79	167	6,030,000	99.6	5,440	320,000	320,000	644,000	642,000	19,900	19,500	NP	NP
PCB-46	41464-47-5	ppt-TOC	193	144	75	241	3,370,000	96.5	5,440	140,000	140,000	315,000	314,000	10,400	8,770	NP	NP
PCB-47	2437-79-8	ppt-TOC	193	158	82	229	11,600,000	99.6	5,440	572,000	572,000	1,130,000	1,130,000	38,400	64,400	NP	NP
PCB-48/75	70362-47-9/3259	ppt-TOC	193	154	80	212	5,250,000	99.6	5,440	405,000	405,000	728,000	726,000	26,600	33,100	NP	NP
PCB-5/8	PCB-5/8	ppt-TOC	193	140	73	237	9,360,000	108	7,410	682,000	682,000	1,390,000	1,390,000	32,800	41,600	NP	NP
PCB-50	62796-65-0	ppt-TOC	193	99	51	608	154,000	96.5	5,440	7,280	7,280	14,900	14,800	1,950	2,190	Ln	NP
PCB-51	68194-04-7	ppt-TOC	193	143	74	282	2,470,000	96.5	5,440	105,000	105,000	232,000	232,000	8,930	6,930	NP	NP
PCB-52/69	35693-99-3/6023	ppt-TOC	193	185	96	143	38,100,000	339	5,440	2,150,000	2,150,000	3,920,000	3,910,000	199,000	479,000	NP	NP
PCB-53	41464-41-9	ppt-TOC	193	154	80	144	7,410,000	99.6	5,440	319,000	319,000	697,000	695,000	20,900	24,600	NP	NP
PCB-54	15968-05-5	ppt-TOC	193	94	49	303	121,000	96.5	5,440	5,740	5,600	12,200	12,200	1,670	1,790	Ln	NP
PCB-55	74338-24-2	ppt-TOC	193	131	68	243	284,000	96.5	5,440	24,400	24,300	42,300	42,200	4,030	4,090	G	NP
PCB-56/60	PCB-56/60	ppt-TOC	193	171	89	105	13,500,000	132	5,440	1,150,000	1,150,000	2,010,000	2,000,000	69,400	122,000	NP	NP
PCB-57	70424-67-8	ppt-TOC	193	111	58	156	331,000	96.5	5,440	11,000	10,900	27,200	27,200	2,360	1,930	G	NP
PCB-58	41464-49-7	ppt-TOC	193	108	56	185	160,000	96.5	5,440	5,660	5,500	13,000	13,100	1,770	1,800	NP	NP
PCB-6	25569-80-6	ppt-TOC	193	117	61	793	10,000,000	96.5	9,610	184,000	184,000	761,000	759,000	11,100	12,500	NP	NP
PCB-61/70	PCB-61/70	ppt-TOC	193	179	93	157	24,900,000	230	5,440	2,120,000	2,120,000	3,520,000	3,510,000	141,000	365,000	NP	NP
PCB-62	54230-22-7	ppt-TOC	191	4	2	1,190	5,190	96.5	5,900	815	--	729	--	568	580	--	--
PCB-63	74472-34-7	ppt-TOC	193	140	73	200	1,520,000	96.5	5,440	73,600	73,500	149,000	149,000	7,920	8,380	G	NP
PCB-65	33284-54-7	ppt-TOC	192	34	18	625	19,200	96.5	5,900	1,440	1,350	2,270	2,230	749	690	G/Ln	NP
PCB-67	73575-53-8	ppt-TOC	193	140	73	186	1,280,000	96.5	5,440	62,200	62,100	126,000	126,000	6,640	5,980	NP	NP
PCB-68	73575-52-7	ppt-TOC	169	98	58	200	160,000	96.5	5,440	7,320	7,200	14,900	14,900	1,840	1,640	NP	NP
PCB-7/9	PCB-7/9	ppt-TOC	193	116	60	597	781,000	96.5	9,610	61,400	61,300	125,000	125,000	6,610	7,580	G/Ln	NP
PCB-73	74338-23-1	ppt-TOC	191	7	4	3,210	192,000	96.5	5,900	3,290	5,650	18,600	18,300	630	580	N/G/Ln	NP
PCB-74	32690-93-0	ppt-TOC	193	166	86	133	12,600,000	99.6	5,440	881,000	881,000	1,570,000	1,570,000	56,500	111,000	NP	NP
PCB-76/66	PCB-76/66	ppt-TOC	193	178	92	126	22,800,000	202	5,440	1,740,000	1,740,000	3,000,000	2,990,000	110,000	244,000	NP	NP
PCB-77	32598-13-3	ppt-TOC	193	175	91	33.2	1,890,000	36.6	1,970	244,000	244,000	361,000	360,000	21,100	121,000	NP	NP
PCB-78	70362-49-1	ppt-TOC	191	8	4	3,260	15,100	96.5	5,900	1,130	3,510	2,000	1,480	619	600	N/G/Ln	NP
PCB-79	41464-48-6	ppt-TOC	193	93	48	471	163,000	96.5	50,900	16,200	15,300	22,700	23,100	3,680	5,450	NP	NP
PCB-80	33284-52-5	ppt-TOC	191	0	0	--	--	96.5	5,900	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt-TOC	193	133	69	116	93,000	14.7	4,810	7,320	7,300	12,100	12,000	1,280	1,980	G	NP
PCB-82	52663-62-4	ppt-TOC	193	152	79	155	1,690,000	99.6	5,440	222,000	222,000	328,000	328,000	24,200	79,200	G	NP
PCB-83	60145-20-2	ppt-TOC	192	72	38	520	14,200	96.5	5,900	1,760	1,700	2,320	2,300	887	888	G/Ln	NP
PCB-84/92	52663-60-2/5266	ppt-TOC	193	171	89	161	9,400,000	99.6	5,440	752,000	752,000	1,150,000	1,150,000	69,900	266,000	NP	NP
PCB-85/116	PCB-85/116	ppt-TOC	193	156	81	181	2,300,000	99.6	5,440	290,000	289,000	416,000	415,000	31,400	107,000	NP	NP
PCB-86	55312-69-1	ppt-TOC	193	116	60	201	158,000	96.5	5,440	17,200	17,000	28,900	28,900	3,240	3,100	G	NP
PCB-87/117/125	38380-02-8/6819	ppt-TOC	193	164	85	213	4,220,000	99.6	5,440	587,000	587,000	832,000	830,000	57,200	224,000	G	NP
PCB-88/91	PCB-88/91	ppt-TOC	193	154	80	215	4,070,000	99.6	5,440	303,000	303,000	475,000	474,000	31,300	102,000	NP	NP
PCB-89	73575-57-2	ppt-TOC	193	125	65	280	469,000	96.5	5,440	31,300	31,200	56,600	56,500	4,870	4,990	G	NP

Table D-10
Summary Statistics
Newark Bay Study Area - Phase I and Phase II Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-90/101	PCB-90/101	ppt-TOC	193	181	94	93.0	14,300,000	272	5,440	1,700,000	1,700,000	2,310,000	2,300,000	170,000	692,000	NP	NP
PCB-93	73575-56-1	ppt-TOC	191	2	1	2,290	3,850,000	96.5	5,900	20,900	--	279,000	--	582	580	--	--
PCB-94	73575-55-0	ppt-TOC	193	121	63	196	202,000	96.5	5,440	12,100	11,900	20,800	20,800	2,860	2,720	G	NP
PCB-95/98/102	38379-99-6/6023	ppt-TOC	193	176	91	129	13,700,000	132	5,440	1,360,000	1,360,000	1,940,000	1,930,000	125,000	516,000	NP	NP
PCB-96	73575-54-9	ppt-TOC	193	125	65	165	280,000	96.5	5,440	17,700	17,600	31,200	31,200	3,360	3,390	G	NP
PCB-97	41464-51-1	ppt-TOC	193	160	83	394	5,410,000	99.6	5,440	554,000	554,000	807,000	805,000	53,200	208,000	NP	NP
PCB-99	38380-01-7	ppt-TOC	193	168	87	211	9,590,000	99.6	5,440	826,000	826,000	1,210,000	1,210,000	77,600	300,000	NP	NP
Total Congener PCBs (209)	No CAS	ppt-TOC	193	191	99	393	62,500,000	1,340	5,440	51,300,000	51,290,000	79,000,000	78,820,000	4,650,000	16,300,000	NP	NP
Total Congener PCBs (NOAA 1989)	No CAS	ppt-TOC	193	189	98	174	43,000,000	423	5,440	38,300,000	38,300,000	56,600,000	56,440,000	3,760,000	15,700,000	NP	NP

Table D-10
Summary Statistics
Newark Bay Study Area - Phase I and Phase II Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	100	17	17	40.4	280	40.5	661	111	60.8	86.4	43.6	76.5	74.7	G/Ln	NP
Arsenic	7440-38-2	ppm-Al	104	104	100	302	3,810	--	--	1,060	1,060	581	581	947	845	NP	NP
Barium	7440-39-3	ppm-Al	104	104	100	3,190	34,300	--	--	11,700	11,700	6,590	6,590	10,300	9,300	NP	NP
Beryllium	7440-41-7	ppm-Al	104	100	96	10.9	89.8	75.9	134	54.5	54.7	9.1	8.8	53.5	54.3	N	NP
Cadmium	7440-43-9	ppm-Al	104	98	94	18.4	1,050	3.9	83.3	146	146	155	154	92.8	107	Ln	Ln
Calcium	7440-70-2	ppm-Al	99	99	100	160,000	2,970,000	--	--	570,000	570,000	373,000	373,000	508,000	498,000	NP	NP
Chromium	7440-47-3	ppm-Al	104	104	100	2,850	31,700	--	--	8,570	8,570	4,660	4,660	7,650	7,520	Ln	Ln
Cobalt	7440-48-4	ppm-Al	104	104	100	556	1,390	--	--	720	720	117	117	713	700	Ln	Ln
Copper	7440-50-8	ppm-Al	102	102	100	1,530	38,100	--	--	10,500	10,500	6,840	6,840	8,910	8,780	G/Ln	G/Ln
Iron	7439-89-6	ppm-Al	104	104	100	1,500,000	6,670,000	--	--	2,100,000	2,100,000	607,000	607,000	2,050,000	2,020,000	NP	NP
Lead	7439-92-1	ppm-Al	104	104	100	1,690	90,800	--	--	11,100	11,100	10,400	10,400	9,070	8,470	NP	NP
Magnesium	7439-95-4	ppm-Al	104	104	100	85,300	739,000	--	--	525,000	525,000	84,100	84,100	515,000	527,000	N	N
Manganese	7439-96-5	ppm-Al	104	104	100	9,450	58,200	--	--	27,500	27,500	6,270	6,270	26,800	27,700	NP	NP
Mercury	7439-97-6	ppm-Al	104	104	100	16.0	3,270	--	--	230	230	382	382	147	142	Ln	Ln
Nickel	7440-02-0	ppm-Al	104	104	100	1,020	5,450	--	--	2,570	2,570	736	736	2,480	2,390	NP	NP
Potassium	7440-09-7	ppm-Al	95	95	100	51,400	330,000	--	--	248,000	248,000	36,300	36,300	245,000	250,000	N	N
Selenium	7782-49-2	ppm-Al	100	66	66	13.8	641	46.9	498	82.0	79.9	87.1	82.6	58.7	56.3	Ln	NP
Silver	7440-22-4	ppm-Al	96	96	100	24.4	673	--	--	168	168	108	108	143	153	NP	NP
Sodium	7440-23-5	ppm-Al	104	104	100	285,000	1,290,000	--	--	560,000	560,000	171,000	171,000	537,000	531,000	G/Ln	G/Ln
Thallium	7440-28-0	ppm-Al	100	47	47	8.1	334	67.8	1,180	66.2	42.2	78.1	62.3	43.1	49.6	NP	NP
Titanium	7440-32-6	ppm-Al	104	104	100	24,100	41,900	--	--	31,300	31,300	3,240	3,240	31,100	31,300	NP	NP
Vanadium	7440-62-2	ppm-Al	104	104	100	2,140	3,990	--	--	2,730	2,730	316	316	2,710	2,660	NP	NP
Zinc	7440-66-6	ppm-Al	104	104	100	5,160	57,500	--	--	18,500	18,500	9,810	9,810	16,600	15,900	Ln	Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	217	36	17	49.4	274	29.5	571	89.9	65.3	76.6	39.8	60.5	46.2	G/Ln	NP
Arsenic	7440-38-2	ppm-Al	230	227	99	122	7,340	67.5	223	1,450	1,460	1,200	1,190	1,100	1,030	NP	NP
Barium	7440-39-3	ppm-Al	230	230	100	828	180,000	--	--	14,700	14,700	21,300	21,300	9,760	9,910	NP	NP
Beryllium	7440-41-7	ppm-Al	230	218	95	10.3	92.4	69.2	114	51.9	52.6	10.8	10.6	50.3	53.1	NP	NP
Cadmium	7440-43-9	ppm-Al	230	201	87	8.3	1,510	2.8	30.0	242	243	258	257	99.7	147	NP	NP
Calcium	7440-70-2	ppm-Al	218	218	100	56,800	10,500,000	--	--	627,000	627,000	1,220,000	1,220,000	422,000	439,000	NP	NP

Table D-10
Summary Statistics
Newark Bay Study Area - Phase I and Phase II Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Chromium	7440-47-3	ppm-Al	230	230	100	1,020	80,300	--	--	12,200	12,200	11,400	11,400	8,260	9,070	G	G
Cobalt	7440-48-4	ppm-Al	230	230	100	179	2,590	--	--	696	696	167	167	681	687	NP	NP
Copper	7440-50-8	ppm-Al	227	227	100	118	101,000	--	--	13,300	13,300	11,500	11,500	8,060	10,800	NP	NP
Iron	7439-89-6	ppm-Al	230	230	100	411,000	4,750,000	--	--	1,980,000	1,980,000	385,000	385,000	1,940,000	1,930,000	NP	NP
Lead	7439-92-1	ppm-Al	230	230	100	316	164,000	--	--	13,100	13,100	14,300	14,300	7,730	10,800	NP	NP
Magnesium	7439-95-4	ppm-Al	230	230	100	78,700	799,000	--	--	474,000	474,000	111,000	111,000	456,000	476,000	NP	NP
Manganese	7439-96-5	ppm-Al	230	230	100	2,290	78,600	--	--	26,200	26,200	7,660	7,660	25,000	26,100	NP	NP
Mercury	7439-97-6	ppm-Al	230	226	98	0.47	19,200	0.21	0.49	511	511	1,780	1,780	109	197	NP	NP
Nickel	7440-02-0	ppm-Al	230	230	100	369	6,730	--	--	2,640	2,640	920	920	2,470	2,630	N	N
Potassium	7440-09-7	ppm-Al	206	206	100	44,700	356,000	--	--	239,000	239,000	46,700	46,700	231,000	247,000	NP	NP
Selenium	7782-49-2	ppm-Al	217	121	56	17.3	605	39.3	519	90.1	87.5	96.0	90.5	62.0	59.3	NP	NP
Silver	7440-22-4	ppm-Al	221	195	88	6.3	1,560	6.3	29.2	209	210	206	206	110	172	NP	NP
Sodium	7440-23-5	ppm-Al	230	230	100	80,500	2,090,000	--	--	482,000	482,000	174,000	174,000	455,000	482,000	NP	NP
Thallium	7440-28-0	ppm-Al	214	88	41	9.3	224	56.4	469	58.9	45.2	41.1	46.4	47.3	49.9	NP	NP
Titanium	7440-32-6	ppm-Al	230	230	100	18,200	48,000	--	--	29,300	29,300	4,040	4,040	29,000	29,300	NP	NP
Vanadium	7440-62-2	ppm-Al	230	230	100	1,280	4,700	--	--	2,790	2,790	553	553	2,740	2,700	NP	NP
Zinc	7440-66-6	ppm-Al	230	230	100	939	172,000	--	--	22,300	22,300	19,700	19,700	15,900	17,900	G	G
Subsurface (>3.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	203	16	8	43.3	302	1.2	1,300	179	69.5	95.6	51.8	135	176	G/Ln	NP
Arsenic	7440-38-2	ppm-Al	216	214	99	54.3	8,990	102	153	2,280	2,280	1,910	1,910	1,490	1,750	G	NP
Barium	7440-39-3	ppm-Al	216	216	100	1,300	189,000	--	--	20,900	20,900	31,300	31,300	11,200	12,600	NP	NP
Beryllium	7440-41-7	ppm-Al	216	203	94	11.2	265	66.4	172	54.4	55.0	18.1	17.7	52.7	53.3	NP	NP
Cadmium	7440-43-9	ppm-Al	216	201	93	7.0	5,700	2.7	120	468	468	651	650	164	270	NP	NP
Calcium	7440-70-2	ppm-Al	214	214	100	26,800	44,800,000	--	--	1,470,000	1,470,000	5,110,000	5,110,000	435,000	390,000	NP	NP
Chromium	7440-47-3	ppm-Al	216	216	100	1,170	138,000	--	--	24,100	24,100	26,300	26,300	11,900	14,900	NP	NP
Cobalt	7440-48-4	ppm-Al	216	216	100	289	3,550	--	--	770	770	253	253	748	732	NP	NP
Copper	7440-50-8	ppm-Al	216	216	100	289	59,100	--	--	17,300	17,300	14,400	14,400	8,800	16,500	NP	NP
Iron	7439-89-6	ppm-Al	216	216	100	1,100,000	3,590,000	--	--	2,190,000	2,190,000	320,000	320,000	2,160,000	2,220,000	NP	NP
Lead	7439-92-1	ppm-Al	216	216	100	364	122,000	--	--	19,800	19,800	21,600	21,600	8,700	16,100	NP	NP
Magnesium	7439-95-4	ppm-Al	216	216	100	123,000	951,000	--	--	499,000	499,000	97,900	97,900	489,000	492,000	NP	NP
Manganese	7439-96-5	ppm-Al	216	216	100	7,100	82,500	--	--	27,400	27,400	11,100	11,100	25,600	24,900	NP	NP
Mercury	7439-97-6	ppm-Al	216	177	82	0.54	7,720	0.41	22.0	574	574	971	969	101	351	NP	NP

Table D-10
Summary Statistics
Newark Bay Study Area - Phase I and Phase II Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Nickel	7440-02-0	ppm-Al	216	216	100	653	8,880	--	--	2,820	2,820	1,130	1,130	2,620	2,740	NP	NP
Potassium	7440-09-7	ppm-Al	212	212	100	54,000	429,000	--	--	206,000	206,000	34,800	34,800	203,000	203,000	NP	NP
Selenium	7782-49-2	ppm-Al	214	171	80	3.2	456	3.6	828	118	99.0	93.9	79.2	78.9	93.7	G	NP
Silver	7440-22-4	ppm-Al	193	166	86	0.69	789	0.85	390	262	259	215	218	109	265	NP	NP
Sodium	7440-23-5	ppm-Al	216	216	100	54,100	964,000	--	--	454,000	454,000	157,000	157,000	421,000	461,000	N	N
Titanium	7440-32-6	ppm-Al	216	216	100	16,500	57,800	--	--	28,200	28,200	6,000	6,000	27,700	27,200	NP	NP
Zinc	7440-66-6	ppm-Al	216	216	100	1,900	223,000	--	--	34,900	34,900	38,600	38,600	20,400	28,500	NP	NP

Table D-10
Summary Statistics
Newark Bay Study Area - Phase I and Phase II Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	105	104	99	150,000	665,000	37.5	37.5	490,000	492,000	86,100	78,500	443,000	496,000	NP	NP
Antimony	7440-36-0	ppm-Fe	101	17	17	22.1	132	20.3	247	51.3	32.2	36.2	20.7	37.6	44.0	G/Ln	NP
Arsenic	7440-38-2	ppm-Fe	105	105	100	201	1,610	--	--	506	506	260	260	461	403	NP	NP
Barium	7440-39-3	ppm-Fe	105	105	100	1,790	15,900	--	--	5,610	5,610	3,110	3,110	5,000	4,630	NP	NP
Beryllium	7440-41-7	ppm-Fe	105	100	95	5.5	44.2	20.1	39.9	26.8	27.2	5.9	5.6	26.0	27.1	N/G	N/G
Cadmium	7440-43-9	ppm-Fe	105	99	94	10.5	662	2.0	41.1	71.7	72.2	87.0	86.3	45.2	48.7	Ln	Ln
Calcium	7440-70-2	ppm-Fe	100	100	100	29,400	1,480,000	--	--	279,000	279,000	191,000	191,000	246,000	242,000	NP	NP
Chromium	7440-47-3	ppm-Fe	105	105	100	1,300	20,000	--	--	4,220	4,220	2,540	2,540	3,730	3,640	Ln	Ln
Cobalt	7440-48-4	ppm-Fe	105	105	100	186	526	--	--	349	349	35.8	35.8	347	345	NP	NP
Copper	7440-50-8	ppm-Fe	103	103	100	1,010	24,000	--	--	5,050	5,050	3,320	3,320	4,340	4,100	Ln	Ln
Lead	7439-92-1	ppm-Fe	105	105	100	1,070	26,600	--	--	5,130	5,130	3,490	3,490	4,420	4,180	NP	NP
Magnesium	7439-95-4	ppm-Fe	105	105	100	42,900	356,000	--	--	257,000	257,000	41,000	41,000	252,000	267,000	NP	NP
Manganese	7439-96-5	ppm-Fe	105	105	100	4,500	23,200	--	--	13,400	13,400	2,930	2,930	13,100	13,100	N	N
Mercury	7439-97-6	ppm-Fe	105	105	100	10.7	1,770	--	--	112	112	195	195	71.7	68.9	Ln	Ln
Nickel	7440-02-0	ppm-Fe	105	105	100	678	2,550	--	--	1,240	1,240	309	309	1,210	1,190	NP	NP
Potassium	7440-09-7	ppm-Fe	96	96	100	25,800	173,000	--	--	122,000	122,000	29,200	29,200	117,000	123,000	N/G	N/G
Selenium	7782-49-2	ppm-Fe	101	66	65	6.7	181	24.1	201	38.5	37.3	33.5	31.5	28.8	26.6	G/Ln	NP
Silver	7440-22-4	ppm-Fe	97	97	100	14.1	363	--	--	83.3	83.3	55.2	55.2	70.4	73.6	NP	NP
Sodium	7440-23-5	ppm-Fe	105	105	100	61,800	856,000	--	--	274,000	274,000	87,000	87,000	262,000	270,000	G/Ln	G/Ln
Thallium	7440-28-0	ppm-Fe	101	47	47	3.7	184	20.1	630	34.4	21.4	43.0	34.4	21.0	24.5	NP	NP
Titanium	7440-32-6	ppm-Fe	105	105	100	4,260	22,900	--	--	15,500	15,500	2,810	2,810	15,200	15,700	N	N
Vanadium	7440-62-2	ppm-Fe	105	105	100	565	2,070	--	--	1,330	1,330	182	182	1,320	1,330	NP	NP
Zinc	7440-66-6	ppm-Fe	105	105	100	3,430	25,600	--	--	8,830	8,830	4,310	4,310	8,070	7,670	NP	NP
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	230	230	100	211,000	2,430,000	--	--	529,000	529,000	177,000	177,000	515,000	517,000	NP	NP
Antimony	7440-36-0	ppm-Fe	217	36	17	25.5	166	15.6	237	43.8	34.4	34.9	22.4	31.2	24.8	G/Ln	NP
Arsenic	7440-38-2	ppm-Fe	230	227	99	90.1	3,050	131	254	718	719	544	542	565	514	NP	NP
Barium	7440-39-3	ppm-Fe	230	230	100	726	87,600	--	--	7,420	7,420	11,100	11,100	5,030	5,030	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Beryllium	7440-41-7	ppm-Fe	230	218	95	5.9	74.4	18.9	39.0	27.0	27.4	7.1	6.9	25.9	27.4	NP	NP
Cadmium	7440-43-9	ppm-Fe	230	201	87	4.0	727	1.4	34.2	121	121	129	128	51.3	71.7	NP	NP
Calcium	7440-70-2	ppm-Fe	218	218	100	31,000	5,030,000	--	--	312,000	312,000	574,000	574,000	217,000	214,000	NP	NP
Chromium	7440-47-3	ppm-Fe	230	230	100	737	32,800	--	--	6,090	6,090	5,340	5,340	4,260	4,470	G	G
Cobalt	7440-48-4	ppm-Fe	230	230	100	227	1,120	--	--	354	354	62.6	62.6	351	349	NP	NP
Copper	7440-50-8	ppm-Fe	227	227	100	219	25,700	--	--	6,500	6,500	4,980	4,980	4,150	5,480	NP	NP
Lead	7439-92-1	ppm-Fe	230	230	100	301	34,600	--	--	6,320	6,320	5,370	5,370	3,980	5,170	NP	NP
Magnesium	7439-95-4	ppm-Fe	230	230	100	44,900	704,000	--	--	242,000	242,000	55,700	55,700	235,000	242,000	NP	NP
Manganese	7439-96-5	ppm-Fe	230	230	100	5,560	40,800	--	--	13,300	13,300	3,560	3,560	12,900	12,900	G/Ln	G/Ln
Mercury	7439-97-6	ppm-Fe	230	226	98	0.25	10,900	0.12	0.54	261	261	958	956	56.3	93.0	NP	NP
Nickel	7440-02-0	ppm-Fe	230	230	100	563	3,420	--	--	1,340	1,340	422	422	1,270	1,320	N/G/Ln	N/G/Ln
Potassium	7440-09-7	ppm-Fe	206	206	100	25,900	171,000	--	--	121,000	121,000	29,500	29,500	116,000	127,000	NP	NP
Selenium	7782-49-2	ppm-Fe	217	121	56	8.5	310	18.6	217	44.4	43.4	44.9	43.0	31.6	30.6	Ln	NP
Silver	7440-22-4	ppm-Fe	221	195	88	3.4	888	3.4	33.3	106	106	110	110	57.0	85.7	G	NP
Sodium	7440-23-5	ppm-Fe	230	230	100	88,000	2,390,000	--	--	251,000	251,000	158,000	158,000	234,000	247,000	NP	NP
Thallium	7440-28-0	ppm-Fe	214	88	41	4.4	220	18.9	535	33.1	23.2	32.0	28.4	24.3	26.1	NP	NP
Titanium	7440-32-6	ppm-Fe	230	230	100	5,730	49,200	--	--	15,400	15,400	4,610	4,610	14,900	15,100	NP	NP
Vanadium	7440-62-2	ppm-Fe	230	230	100	621	3,540	--	--	1,440	1,440	325	325	1,410	1,370	NP	NP
Zinc	7440-66-6	ppm-Fe	230	230	100	1,420	83,900	--	--	11,100	11,100	9,870	9,870	8,190	8,630	G	G
Subsurface (>3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	216	216	100	279,000	910,000	--	--	467,000	467,000	71,700	71,700	462,000	451,000	NP	NP
Antimony	7440-36-0	ppm-Fe	203	16	8	25.3	181	0.54	525	81.0	36.7	42.3	21.5	62.6	79.0	G/Ln	NP
Arsenic	7440-38-2	ppm-Fe	216	214	99	23.6	3,900	92.4	110	1,040	1,040	830	828	687	926	NP	NP
Barium	7440-39-3	ppm-Fe	216	216	100	608	80,900	--	--	9,400	9,400	13,500	13,500	5,200	6,210	NP	NP
Beryllium	7440-41-7	ppm-Fe	216	203	94	6.3	78.2	31.5	103	25.0	25.2	6.3	5.9	24.4	24.1	NP	NP
Cadmium	7440-43-9	ppm-Fe	216	201	93	3.0	2,480	1.2	40.2	213	213	284	284	75.6	118	NP	NP
Calcium	7440-70-2	ppm-Fe	214	214	100	10,900	19,900,000	--	--	675,000	675,000	2,330,000	2,330,000	201,000	188,000	NP	NP
Chromium	7440-47-3	ppm-Fe	216	216	100	560	57,600	--	--	11,000	11,000	11,700	11,700	5,500	6,700	NP	NP
Cobalt	7440-48-4	ppm-Fe	216	216	100	139	1,230	--	--	353	353	88.6	88.6	346	337	NP	NP
Copper	7440-50-8	ppm-Fe	216	216	100	139	25,600	--	--	7,920	7,920	6,440	6,440	4,070	7,950	NP	NP
Lead	7439-92-1	ppm-Fe	216	216	100	175	51,300	--	--	8,950	8,950	9,310	9,310	4,020	8,110	NP	NP

Table D-10
Summary Statistics
Newark Bay Study Area - Phase I and Phase II Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Magnesium	7439-95-4	ppm-Fe	216	216	100	69,700	370,000	--	--	230,000	230,000	40,900	40,900	226,000	230,000	NP	NP
Manganese	7439-96-5	ppm-Fe	216	216	100	3,410	36,600	--	--	12,700	12,700	5,050	5,050	11,900	11,500	NP	NP
Mercury	7439-97-6	ppm-Fe	216	177	82	0.27	4,420	0.12	7.1	271	271	493	492	46.7	167	NP	NP
Nickel	7440-02-0	ppm-Fe	216	216	100	313	4,240	--	--	1,310	1,310	535	535	1,210	1,250	NP	NP
Potassium	7440-09-7	ppm-Fe	212	212	100	30,600	164,000	--	--	95,600	95,600	21,300	21,300	93,300	91,900	NP	NP
Selenium	7782-49-2	ppm-Fe	214	171	80	1.5	263	1.2	427	53.7	45.3	43.2	36.3	36.4	44.3	G	NP
Silver	7440-22-4	ppm-Fe	193	166	86	0.40	391	0.42	179	122	120	100	101	50.7	119	NP	NP
Sodium	7440-23-5	ppm-Fe	216	216	100	25,600	428,000	--	--	210,000	210,000	71,100	71,100	195,000	210,000	N	N
Thallium	7440-28-0	ppm-Fe	211	153	73	2.1	301	0.42	231	15.6	11.4	25.7	24.2	10.3	9.1	NP	NP
Titanium	7440-32-6	ppm-Fe	216	216	100	8,500	46,400	--	--	13,200	13,200	4,130	4,130	12,800	12,500	NP	NP
Vanadium	7440-62-2	ppm-Fe	216	216	100	885	2,660	--	--	1,490	1,490	387	387	1,450	1,360	NP	NP
Zinc	7440-66-6	ppm-Fe	216	216	100	913	95,300	--	--	15,900	15,900	16,700	16,700	9,420	14,300	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb-TOC	100	25	25	200	10,000	620	540,000	14,000	960	29,000	1,500	4,800	11,000	Ln	NP
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	89	23	26	67	3,400	490	540,000	17,000	1,400	31,000	950	7,600	13,000	N/G	NP
2,4-D	94-75-7	ppb-TOC	100	18	18	630	7,400	2,300	1,300,000	37,000	2,100	72,000	1,500	14,000	27,000	G/Ln	NP
2,4-DB	94-82-6	ppb-TOC	84	13	16	1,400	13,000	1,600	1,000,000	33,000	4,900	58,000	3,600	18,000	24,000	N/G/Ln	NP
Organotins																	
Dibutyltin	1191-48-6	ppb-TOC	66	54	82	79	1,200	37	280	250	260	200	190	200	200	Ln	Ln
Monobutyltin	78763-54-9	ppb-TOC	64	0	0	--	--	37	470	--	--	--	--	--	--	--	--
Tetrabutyltin	1461-25-2	ppb-TOC	66	3	5	97	490	37	470	100	--	62	--	92	93	--	--
Tributyltin	688-73-3	ppb-TOC	66	53	80	54	1,900	37	470	280	290	290	290	210	200	NP	Ln
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb-TOC	101	0	0	--	--	1,400	42,000	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb-TOC	101	0	0	--	--	1,400	42,000	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb-TOC	101	0	0	--	--	1,400	42,000	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb-TOC	101	35	35	840	24,000	1,800	42,000	6,000	4,700	4,500	4,200	4,900	4,800	NP	NP
Aroclor-1248	12672-29-6	ppb-TOC	101	63	62	1,800	250,000	1,400	18,000	15,000	15,000	33,000	33,000	5,500	6,900	NP	NP
Aroclor-1254	11097-69-1	ppb-TOC	101	97	96	1,000	110,000	1,800	8,300	13,000	13,000	15,000	15,000	9,200	8,800	Ln	Ln
Aroclor-1260	11096-82-5	ppb-TOC	101	93	92	490	35,000	1,800	19,000	5,600	5,500	5,300	5,300	4,200	4,200	Ln	Ln
Aroclor-1262	37324-23-5	ppb-TOC	101	0	0	--	--	1,400	42,000	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb-TOC	101	2	2	450	740	1,400	42,000	4,100	--	3,500	--	3,000	3,600	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb-TOC	101	99	98	2,400	390,000	1,800	5,100	35,000	35,000	52,000	52,000	22,000	21,000	Ln	Ln
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb-TOC	101	99	98	2,400	390,000	1,800	5,100	35,000	35,000	52,000	52,000	22,000	21,000	Ln	Ln
Pesticides																	
2,4'-DDD	53-19-0	ppb-TOC	33	7	21	140	3,000	150	360	280	300	530	520	170	150	G/Ln	NP
2,4'-DDE	3424-82-6	ppb-TOC	33	12	36	250	1,700	150	360	340	410	370	330	230	170	G/Ln	NP
2,4'-DDT	789-02-6	ppb-TOC	35	8	23	33	2,000	140	360	180	140	320	320	130	140	G/Ln	NP
4,4'-DDD	72-54-8	ppb-TOC	101	48	48	160	22,000	180	9,400	1,200	970	2,500	2,500	640	550	NP	NP
4,4'-DDE	72-55-9	ppb-TOC	101	83	82	140	20,000	180	4,700	1,600	1,600	2,300	2,200	1,000	1,100	Ln	Ln
4,4'-DDT	50-29-3	ppb-TOC	98	22	22	63	17,000	150	9,400	1,200	900	2,400	2,400	540	500	G/Ln	NP
Aldrin	309-00-2	ppb-TOC	100	9	9	17	200	93	4,700	300	69	350	50	190	230	N/G/Ln	NP
Alpha-BHC	319-84-6	ppb-TOC	101	9	9	21	130	71	4,700	290	53	350	34	170	210	N/G/Ln	NP
Alpha-Chlordane	5103-71-9	ppb-TOC	101	32	32	14	260	93	4,700	300	89	340	51	200	230	G/Ln	NP
Beta-BHC	319-85-7	ppb-TOC	98	12	12	25	1,800	77	4,700	310	100	380	190	190	220	NP	NP
Delta-BHC	319-86-8	ppb-TOC	100	19	19	70	680	77	4,700	300	140	350	110	200	220	G/Ln	NP
Dieldrin	60-57-1	ppb-TOC	100	18	18	65	410	150	9,400	580	140	680	73	370	430	G/Ln	NP
Endosulfan I	959-98-8	ppb-TOC	101	0	0	--	--	71	4,700	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb-TOC	101	1	1	73	73	140	9,400	570	--	680	--	360	430	--	--
Endosulfan Sulfate	1031-07-8	ppb-TOC	100	10	10	63	210	150	9,400	580	110	680	42	360	430	N/G/Ln	NP
Endrin	72-20-8	ppb-TOC	101	3	3	24	56	140	9,400	570	--	680	--	350	420	--	--
Endrin Aldehyde	7421-93-4	ppb-TOC	101	10	10	42	520	150	9,400	580	140	680	92	370	440	N/G/Ln	NP
Endrin Ketone	53494-70-5	ppb-TOC	101	5	5	69	1,200	160	9,400	580	100	680	130	370	440	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	100	4	4	26	350	77	4,700	300	--	350	--	190	230	--	--
Gamma-Chlordane	5566-34-7	ppb-TOC	97	19	20	89	360	77	4,700	330	140	340	62	240	250	G/Ln	NP
Heptachlor	76-44-8	ppb-TOC	99	10	10	46	200	77	4,700	300	76	350	43	200	230	N/G/Ln	NP
Heptachlor Epoxide	1024-57-3	ppb-TOC	98	22	22	10	770	77	4,700	330	150	340	130	230	250	G/Ln	NP
Methoxychlor	72-43-5	ppb-TOC	101	3	3	250	840	710	47,000	2,900	--	3,500	--	1,800	2,200	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb-TOC	101	34	34	14	570	93	4,700	340	160	330	120	240	260	G/Ln	NP
Total DDT (2,4 & 4,4)	No CAS	ppb-TOC	35	35	100	420	17,000	--	--	2,700	2,700	3,900	3,900	1,500	1,100	NP	NP
Total DDT (2,4)	No CAS	ppb-TOC	35	15	43	33	4,900	140	360	550	520	960	970	240	160	G/Ln	NP
Total DDT (4,4)	No CAS	ppb-TOC	101	85	84	240	33,000	180	4,700	3,100	3,100	5,100	5,000	1,600	1,400	NP	NP
Toxaphene	8001-35-2	ppb-TOC	101	0	0	--	--	7,100	470,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	35	0	0	--	--	7,200	52,000	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	66	4	6	2,700	5,100	8,900	540,000	43,000	--	53,000	--	26,000	26,000	--	--
1,2-Dichlorobenzene	95-50-1	ppb-TOC	66	0	0	--	--	8,900	540,000	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	66	1	2	7,500	7,500	8,900	540,000	44,000	--	52,000	--	29,000	27,000	--	--
1,4-Dichlorobenzene	106-46-7	ppb-TOC	66	14	21	2,000	10,000	8,900	540,000	39,000	5,100	53,000	2,200	21,000	25,000	N/G/Ln	NP
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	35	0	0	--	--	7,200	52,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	101	1	1	3,600	3,600	7,200	540,000	31,000	--	46,000	--	18,000	18,000	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	101	0	0	--	--	14,000	2,900,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	102	53	52	980	13,000	8,900	540,000	27,000	3,500	47,000	2,400	9,400	7,300	Ln	NP
2-Methylphenol	95-48-7	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	101	0	0	--	--	8,900	540,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	101	0	0	--	--	7,200	1,100,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb-TOC	101	0	0	--	--	14,000	1,100,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	101	0	0	--	--	14,000	1,600,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	101	19	19	1,600	12,000	8,100	540,000	28,000	4,800	45,000	2,600	14,000	13,000	N/G/Ln	NP
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	101	2	2	1,100	1,900	8,100	540,000	31,000	--	46,000	--	17,000	18,000	--	--
4-Nitroaniline	100-01-6	ppb-TOC	101	0	0	--	--	14,000	1,100,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	101	0	0	--	--	14,000	1,600,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	102	55	54	540	50,000	720	540,000	27,000	6,400	46,000	9,200	10,000	9,900	Ln	NP
Acenaphthylene	208-96-8	ppb-TOC	102	94	92	1,300	110,000	8,900	430,000	17,000	13,000	28,000	18,000	9,100	8,900	Ln	Ln

Table D-10
Summary Statistics
Newark Bay Study Area - Phase I and Phase II Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Acetophenone	98-86-2	ppb-TOC	35	6	17	1,200	33,000	8,100	52,000	7,800	3,600	5,900	5,400	6,400	7,000	Ln	NP
Anthracene	120-12-7	ppb-TOC	101	95	94	600	210,000	8,900	160,000	24,000	22,000	28,000	27,000	16,000	15,000	NP	NP
Atrazine	1912-24-9	ppb-TOC	35	0	0	--	--	7,200	52,000	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb-TOC	35	14	40	1,300	8,200	7,200	52,000	5,600	2,800	4,400	1,700	4,500	5,000	G/Ln	NP
Benzo(a)anthracene	56-55-3	ppb-TOC	101	101	100	2,700	560,000	--	--	56,000	56,000	77,000	77,000	38,000	35,000	NP	NP
Benzo(a)pyrene	50-32-8	ppb-TOC	101	101	100	3,100	540,000	--	--	65,000	65,000	73,000	73,000	48,000	44,000	NP	NP
Benzo(b)fluoranthene	205-99-2	ppb-TOC	101	101	100	2,700	640,000	--	--	76,000	76,000	91,000	91,000	55,000	52,000	NP	NP
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	101	101	100	1,900	280,000	--	--	33,000	33,000	38,000	38,000	23,000	24,000	Ln	Ln
Benzo(k)fluoranthene	207-08-9	ppb-TOC	101	98	97	8,300	350,000	8,900	160,000	44,000	44,000	52,000	52,000	32,000	27,000	NP	NP
Biphenyl	92-52-4	ppb-TOC	35	5	14	1,100	4,800	8,400	52,000	7,000	2,200	4,100	1,300	6,000	7,000	G/Ln	N/G/Ln
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	101	99	98	4,300	1,800,000	9,500	53,000	260,000	260,000	350,000	350,000	140,000	130,000	NP	NP
Butyl benzyl phthalate	85-68-7	ppb-TOC	101	32	32	1,300	40,000	8,900	540,000	28,000	4,500	42,000	6,700	14,000	18,000	NP	NP
Caprolactam	105-60-2	ppb-TOC	35	1	3	4,000	4,000	7,200	52,000	7,500	--	3,700	--	6,900	7,000	--	--
Carbazole	86-74-8	ppb-TOC	101	40	40	1,500	110,000	8,900	540,000	29,000	6,900	46,000	14,000	12,000	11,000	NP	NP
Chrysene	218-01-9	ppb-TOC	101	101	100	2,600	1,300,000	--	--	69,000	69,000	140,000	140,000	44,000	40,000	NP	NP
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	101	80	79	1,700	57,000	8,900	160,000	13,000	9,900	14,000	10,000	8,700	7,800	Ln	NP
Dibenzofuran	132-64-9	ppb-TOC	101	28	28	1,400	28,000	8,900	540,000	29,000	3,600	47,000	4,200	13,000	14,000	NP	NP
Diethyl phthalate	84-66-2	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	101	15	15	1,300	280,000	7,200	540,000	38,000	15,000	59,000	45,000	18,000	19,000	G/Ln	NP
Di-n-Octylphthalate	117-84-0	ppb-TOC	94	15	16	2,400	92,000	7,200	540,000	32,000	8,900	43,000	13,000	19,000	21,000	G/Ln	NP
Fluoranthene	206-44-0	ppb-TOC	101	101	100	2,700	5,800,000	--	--	140,000	140,000	580,000	580,000	61,000	53,000	NP	NP
Fluorene	86-73-7	ppb-TOC	102	66	65	680	47,000	1,000	540,000	22,000	6,000	42,000	7,400	8,100	6,900	Ln	NP
Hexachlorobenzene	118-74-1	ppb-TOC	102	7	7	80	290	180	540,000	29,000	120	47,000	60	5,100	18,000	NP	NP
Hexachlorobutadiene	87-68-3	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	73	0	0	--	--	8,400	1,600,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	101	98	97	4,700	260,000	8,900	160,000	30,000	30,000	34,000	34,000	21,000	23,000	Ln	Ln
Isophorone	78-59-1	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb-TOC	102	73	72	1,700	38,000	8,900	540,000	23,000	7,100	45,000	6,500	9,600	6,700	NP	NP
Nitrobenzene	98-95-3	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	101	0	0	--	--	7,200	540,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	101	3	3	6,700	17,000	7,200	540,000	31,000	--	45,000	--	17,000	18,000	--	--
Pentachlorophenol	87-86-5	ppb-TOC	102	0	0	--	--	300	1,600,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb-TOC	101	97	96	5,200	860,000	8,900	160,000	36,000	35,000	95,000	95,000	20,000	19,000	NP	NP
Phenol	108-95-2	ppb-TOC	101	5	5	2,900	7,500	8,100	540,000	31,000	5,800	46,000	1,700	17,000	17,000	N/G/Ln	NP
Pyrene	129-00-0	ppb-TOC	101	101	100	3,500	4,200,000	--	--	140,000	140,000	420,000	420,000	73,000	64,000	NP	NP
Total HMW PAHs-SVOC	No CAS	ppb-TOC	102	101	99	14,000	13,000,000	0.0	0.0	650,000	650,000	1,400,000	1,350,000	410,000	390,000	NP	NP
Total LMW PAHs-SVOC	No CAS	ppb-TOC	102	98	96	14,000	1,200,000	8,900	160,000	84,000	84,000	140,000	140,000	54,000	51,000	NP	NP
TOTAL PAHs - SVOC	No CAS	ppb-TOC	102	102	100	14,000	14,000,000	--	--	730,000	730,000	1,500,000	1,500,000	450,000	430,000	NP	NP

Table D-10
Summary Statistics
Newark Bay Study Area - Phase I and Phase II Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
TPH																	
Total Petroleum Hydrocarbons	TPH	ppb-TOC	103	103	100	8,200	200,000	--	--	47,000	47,000	30,000	30,000	39,000	41,000	G/Ln	G/Ln
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	65	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	23	0	0	--	--	440	1,100	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	23	0	0	--	--	440	1,100	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb-TOC	23	0	0	--	--	440	1,100	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	23	0	0	--	--	440	1,100	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	ppb-TOC	23	2	9	190	280	470	1,100	340	--	95	--	330	310	--	--
2-Butanone	78-93-3	ppb-TOC	32	16	50	440	4,600	850	37,000	1,700	1,200	3,200	820	1,000	880	G/Ln	G
2-Hexanone	591-78-6	ppb-TOC	66	0	0	--	--	690	37,000	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb-TOC	66	0	0	--	--	690	37,000	--	--	--	--	--	--	--	--
Acetone	67-64-1	ppb-TOC	65	65	100	620	20,000	--	--	3,700	3,700	3,500	3,500	2,800	2,800	NP	NP
Benzene	71-43-2	ppb-TOC	66	6	9	36	630	350	18,000	480	140	1,100	120	330	320	N/G/Ln	NP
Bromodichloromethane	75-27-4	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb-TOC	66	43	65	140	2,300	350	18,000	650	510	1,200	510	410	340	NP	NP
Carbon Tetrachloride	56-23-5	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb-TOC	89	24	27	140	3,000	350	18,000	530	370	1,000	470	360	320	NP	NP
Chloroethane	75-00-3	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb-TOC	66	2	3	110	970	350	18,000	490	--	1,100	--	350	330	--	--
Methylene Chloride	75-09-2	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
Styrene	100-42-5	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	ppb-TOC	66	1	2	210	210	350	18,000	480	--	1,100	--	350	320	--	--
Toluene	108-88-3	ppb-TOC	66	5	8	110	1,300	350	18,000	490	260	1,100	160	350	320	N/G/Ln	NP
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb-TOC	66	0	0	--	--	350	18,000	--	--	--	--	--	--	--	--
Xylene (Total)	1330-20-7	ppb-TOC	66	3	5	170	1,300	350	18,000	510	--	1,100	--	370	330	--	--

Table D-10
Summary Statistics
Newark Bay Study Area - Phase I and Phase II Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Mid-depth (0.5 - 3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb-TOC	221	31	14	260	6,000	310	2,900,000	22,000	890	110,000	1,100	5,400	10,000	G/Ln	NP
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	196	36	18	120	7,700	130	2,900,000	26,000	1,800	110,000	1,600	8,600	12,000	G/Ln	NP
2,4-D	94-75-7	ppb-TOC	223	41	18	710	9,700	1,500	7,100,000	56,000	2,800	260,000	2,000	16,000	25,000	G/Ln	NP
2,4-DB	94-82-6	ppb-TOC	178	23	13	930	20,000	1,000	5,400,000	51,000	4,100	220,000	3,800	18,000	22,000	G/Ln	NP
Organotins																	
Dibutyltin	1191-48-6	ppb-TOC	162	90	56	32	5,500	44	1,000	280	270	540	540	160	150	Ln	Ln
Monobutyltin	78763-54-9	ppb-TOC	155	1	1	54	54	44	850	93	--	67	--	78	70	--	--
Tetrabutyltin	1461-25-2	ppb-TOC	162	16	10	32	330	44	850	100	59	70	45	84	80	N/G/Ln	NP
Tributyltin	688-73-3	ppb-TOC	162	85	53	63	11,000	44	1,000	400	390	1,300	1,300	160	150	NP	Ln
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb-TOC	225	0	0	--	--	760	44,000	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb-TOC	225	0	0	--	--	760	44,000	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb-TOC	225	0	0	--	--	760	44,000	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb-TOC	225	66	29	1,100	140,000	760	44,000	11,000	9,300	16,000	17,000	6,200	5,500	G	NP
Aroclor-1248	12672-29-6	ppb-TOC	225	91	40	1,700	210,000	760	36,000	17,000	16,000	33,000	33,000	5,400	5,200	Ln	NP
Aroclor-1254	11097-69-1	ppb-TOC	225	161	72	390	130,000	760	36,000	19,000	18,000	22,000	22,000	10,000	11,000	Ln	Ln
Aroclor-1260	11096-82-5	ppb-TOC	225	153	68	1,300	46,000	760	36,000	7,300	7,000	6,400	6,400	5,300	5,500	Ln	Ln
Aroclor-1262	37324-23-5	ppb-TOC	225	0	0	--	--	760	44,000	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb-TOC	225	14	6	300	5,400	760	44,000	4,200	960	3,700	760	2,900	3,400	G/Ln	NP
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb-TOC	225	163	72	390	350,000	760	36,000	47,000	46,000	63,000	63,000	19,000	24,000	NP	NP
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb-TOC	225	171	76	300	350,000	760	36,000	47,000	47,000	63,000	63,000	19,000	24,000	G	NP
Pesticides																	
2,4'-DDD	53-19-0	ppb-TOC	62	27	44	110	740	76	330	170	190	130	130	140	130	NP	NP
2,4'-DDE	3424-82-6	ppb-TOC	61	48	79	66	2,800	76	330	550	540	510	500	370	470	G/Ln	Ln
2,4'-DDT	789-02-6	ppb-TOC	62	9	15	52	330	84	330	110	75	44	43	100	110	NP	NP
4,4'-DDD	72-54-8	ppb-TOC	225	75	33	31	9,400	75	5,800	860	560	1,100	1,100	520	550	NP	NP
4,4'-DDE	72-55-9	ppb-TOC	225	161	72	12	14,000	83	5,400	1,900	1,800	2,000	2,000	1,100	1,200	G	Ln
4,4'-DDT	50-29-3	ppb-TOC	214	61	29	24	36,000	100	5,800	1,400	1,000	4,000	4,000	510	500	NP	NP
Aldrin	309-00-2	ppb-TOC	222	6	3	110	330	38	4,200	330	120	340	28	210	250	N/G/Ln	NP
Alpha-BHC	319-84-6	ppb-TOC	225	39	17	13	320	38	4,200	310	53	340	47	170	200	Ln	NP
Alpha-Chlordane	5103-71-9	ppb-TOC	225	34	15	20	380	41	4,200	330	74	340	52	210	240	G/Ln	NP
Beta-BHC	319-85-7	ppb-TOC	217	30	14	18	670	52	4,200	330	84	330	89	200	240	G/Ln	NP
Delta-BHC	319-86-8	ppb-TOC	223	14	6	25	670	38	4,200	330	63	340	110	200	250	N/G	NP
Dieldrin	60-57-1	ppb-TOC	224	34	15	37	770	83	8,100	680	200	640	180	450	500	N/G	NP
Endosulfan I	959-98-8	ppb-TOC	225	2	1	10	38	38	4,200	330	--	340	--	200	240	--	--
Endosulfan II	33213-65-9	ppb-TOC	225	6	3	28	120	120	8,100	630	59	660	38	380	470	G/Ln	NP
Endosulfan Sulfate	1031-07-8	ppb-TOC	224	17	8	60	550	120	8,100	630	140	660	75	390	470	Ln	NP
Endrin	72-20-8	ppb-TOC	225	8	4	28	80	83	8,100	630	63	660	18	370	470	N/G	NP
Endrin Aldehyde	7421-93-4	ppb-TOC	224	26	12	81	440	75	8,100	640	160	650	79	410	470	G/Ln	NP
Endrin Ketone	53494-70-5	ppb-TOC	225	6	3	54	300	120	8,100	630	87	660	46	380	470	N/G/Ln	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	225	12	5	14	230	38	4,200	320	46	340	48	190	230	N/G/Ln	NP
Gamma-Chlordane	5566-34-7	ppb-TOC	211	31	15	48	430	58	4,200	370	120	340	81	260	280	G/Ln	NP
Heptachlor	76-44-8	ppb-TOC	220	26	12	21	1,100	38	4,200	350	97	340	130	230	260	G/Ln	NP
Heptachlor Epoxide	1024-57-3	ppb-TOC	205	38	19	12	1,000	41	4,200	400	160	340	180	270	300	G	NP
Methoxychlor	72-43-5	ppb-TOC	224	13	6	110	61,000	380	42,000	3,500	570	5,200	4,000	1,900	2,400	NP	NP
Total Alpha + Gamma Chlordane	No CAS	ppb-TOC	225	49	22	25	810	58	4,200	360	130	330	110	240	270	G/Ln	NP
Total DDT (2,4 & 4,4)	No CAS	ppb-TOC	63	61	97	38	14,000	84	100	2,800	2,800	2,700	2,600	1,700	2,200	G	NP
Total DDT (2,4)	No CAS	ppb-TOC	63	49	78	66	3,500	76	330	660	650	640	640	420	520	G/Ln	Ln
Total DDT (4,4)	No CAS	ppb-TOC	225	173	77	14	53,000	83	5,400	3,100	3,000	5,800	5,800	1,300	1,500	NP	NP
Toxaphene	8001-35-2	ppb-TOC	225	0	0	--	--	3,800	420,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	63	0	0	--	--	6,200	41,000	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	162	10	6	2,300	13,000	7,000	670,000	36,000	4,100	42,000	2,700	23,000	24,000	NP	NP
1,2-Dichlorobenzene	95-50-1	ppb-TOC	162	3	2	1,800	2,900	7,000	670,000	38,000	--	43,000	--	25,000	25,000	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	162	3	2	2,300	2,700	7,000	670,000	37,000	--	42,000	--	25,000	25,000	--	--
1,4-Dichlorobenzene	106-46-7	ppb-TOC	162	45	28	2,100	27,000	7,000	670,000	28,000	6,400	38,000	4,900	16,000	18,000	NP	NP
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	63	0	0	--	--	6,200	41,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	223	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	225	1	0	7,700	7,700	6,200	670,000	30,000	--	39,000	--	18,000	17,000	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	225	0	0	--	--	12,000	3,500,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	225	123	55	1,200	34,000	7,000	670,000	21,000	6,300	35,000	6,200	10,000	9,300	NP	NP
2-Methylphenol	95-48-7	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	225	0	0	--	--	7,000	670,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	225	0	0	--	--	6,200	1,400,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb-TOC	225	0	0	--	--	8,900	1,400,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	225	0	0	--	--	12,000	2,000,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	225	71	32	1,900	63,000	6,200	670,000	25,000	8,100	36,000	6,900	15,000	14,000	G/Ln	NP
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	225	5	2	870	4,300	6,200	670,000	30,000	2,300	39,000	1,200	18,000	18,000	N/G/Ln	NP
4-Nitroaniline	100-01-6	ppb-TOC	225	0	0	--	--	8,900	1,400,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	225	0	0	--	--	12,000	2,000,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	225	122	54	670	250,000	7,000	670,000	25,000	11,000	38,000	20,000	12,000	15,000	Ln	NP
Acenaphthylene	208-96-8	ppb-TOC	225	170	76	1,300	140,000	7,000	670,000	21,000	14,000	32,000	18,000	12,000	11,000	Ln	NP

Table D-10
Summary Statistics
Newark Bay Study Area - Phase I and Phase II Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Acetophenone	98-86-2	ppb-TOC	63	6	10	1,900	6,600	6,200	41,000	7,700	3,900	3,900	1,900	6,900	7,000	N/G/Ln	NP
Anthracene	120-12-7	ppb-TOC	225	179	80	4,800	390,000	7,000	670,000	39,000	35,000	48,000	42,000	25,000	26,000	NP	NP
Atrazine	1912-24-9	ppb-TOC	63	0	0	--	--	6,200	41,000	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb-TOC	63	21	33	1,000	4,500	1,800	41,000	6,500	2,500	4,500	920	5,000	5,500	N/G/Ln	NP
Benzo(a)anthracene	56-55-3	ppb-TOC	225	194	86	2,900	900,000	7,000	190,000	61,000	60,000	85,000	85,000	38,000	35,000	NP	NP
Benzo(a)pyrene	50-32-8	ppb-TOC	225	195	87	5,000	710,000	7,000	190,000	63,000	62,000	75,000	75,000	42,000	40,000	NP	NP
Benzo(b)fluoranthene	205-99-2	ppb-TOC	225	194	86	3,700	760,000	7,000	190,000	66,000	65,000	72,000	72,000	47,000	45,000	NP	NP
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	225	191	85	2,500	330,000	7,000	190,000	32,000	30,000	35,000	34,000	22,000	22,000	Ln	NP
Benzo(k)fluoranthene	207-08-9	ppb-TOC	225	191	85	4,100	370,000	7,000	190,000	40,000	39,000	40,000	39,000	29,000	29,000	Ln	NP
Biphenyl	92-52-4	ppb-TOC	63	8	13	1,200	4,900	4,000	41,000	7,700	2,900	4,000	1,200	6,700	7,000	N/G/Ln	NP
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	225	175	78	4,400	10,000,000	6,800	400,000	750,000	750,000	1,400,000	1,400,000	200,000	190,000	Ln	NP
Butyl benzyl phthalate	85-68-7	ppb-TOC	225	40	18	1,100	67,000	6,200	450,000	28,000	4,200	33,000	6,700	16,000	17,000	NP	NP
Caprolactam	105-60-2	ppb-TOC	63	0	0	--	--	6,200	41,000	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb-TOC	225	66	29	900	34,000	6,900	670,000	25,000	4,900	35,000	5,100	13,000	15,000	NP	NP
Chrysene	218-01-9	ppb-TOC	225	194	86	2,600	850,000	7,000	190,000	66,000	66,000	83,000	83,000	43,000	41,000	NP	NP
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	225	145	64	850	90,000	7,000	670,000	19,000	9,900	31,000	11,000	11,000	9,200	Ln	NP
Dibenzofuran	132-64-9	ppb-TOC	225	61	27	1,200	21,000	6,900	670,000	27,000	4,700	39,000	3,900	14,000	15,000	NP	NP
Diethyl phthalate	84-66-2	ppb-TOC	225	1	0	12,000	12,000	6,200	670,000	30,000	--	39,000	--	18,000	17,000	--	--
Dimethylphthalate	131-11-3	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	225	38	17	710	160,000	6,200	410,000	28,000	8,100	32,000	16,000	17,000	18,000	Ln	NP
Di-n-Octylphthalate	117-84-0	ppb-TOC	218	57	26	2,700	300,000	6,200	670,000	38,000	18,000	45,000	29,000	23,000	25,000	Ln	NP
Fluoranthene	206-44-0	ppb-TOC	225	192	85	3,800	1,600,000	7,000	190,000	110,000	110,000	150,000	150,000	67,000	70,000	NP	NP
Fluorene	86-73-7	ppb-TOC	225	139	62	440	44,000	7,000	670,000	21,000	9,100	32,000	8,700	11,000	12,000	Ln	NP
Hexachlorobenzene	118-74-1	ppb-TOC	225	21	9	55	2,100	130	670,000	28,000	220	40,000	280	7,200	17,000	G/Ln	NP
Hexachlorobutadiene	87-68-3	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	170	0	0	--	--	11,000	2,000,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	225	190	84	2,200	290,000	7,000	190,000	28,000	27,000	30,000	30,000	20,000	19,000	Ln	NP
Isophorone	78-59-1	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb-TOC	225	153	68	1,500	51,000	7,000	670,000	19,000	9,800	30,000	9,200	11,000	9,500	NP	NP
Nitrobenzene	98-95-3	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	225	0	0	--	--	6,200	670,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	225	22	10	1,600	68,000	6,200	670,000	29,000	6,300	38,000	7,100	18,000	19,000	G/Ln	NP
Pentachlorophenol	87-86-5	ppb-TOC	225	2	1	260	810	280	2,000,000	85,000	--	120,000	--	22,000	55,000	--	--
Phenanthrene	85-01-8	ppb-TOC	225	183	81	3,700	460,000	7,000	190,000	36,000	34,000	49,000	49,000	23,000	19,000	NP	NP
Phenol	108-95-2	ppb-TOC	225	16	7	1,800	7,000,000	6,200	670,000	61,000	38,000	470,000	470,000	17,000	17,000	NP	NP
Pyrene	129-00-0	ppb-TOC	225	195	87	6,400	1,700,000	7,000	190,000	120,000	120,000	160,000	160,000	71,000	70,000	NP	Ln
Total HMW PAHs-SVOC	No CAS	ppb-TOC	225	197	88	6,300	7,700,000	7,000	190,000	550,000	550,000	730,000	730,000	290,000	350,000	NP	NP
Total LMW PAHs-SVOC	No CAS	ppb-TOC	225	189	84	3,700	1,200,000	7,000	190,000	100,000	100,000	120,000	120,000	59,000	51,000	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
TOTAL PAHs - SVOC	No CAS	ppb-TOC	225	199	88	6,800	8,100,000	7,000	190,000	650,000	650,000	820,000	820,000	330,000	420,000	NP	NP
TPH																	
Total Petroleum Hydrocarbons	TPH	ppb-TOC	225	221	98	580	440,000	1,500	14,000	70,000	70,000	61,000	61,000	39,000	59,000	NP	NP
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	63	0	0	--	--	220	36,000	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	63	0	0	--	--	220	36,000	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb-TOC	63	3	5	160	270	220	36,000	1,600	--	4,000	--	370	250	--	--
1,2-Dichloroethane	107-06-2	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	162	1	1	110	110	230	28,000	570	--	1,600	--	320	300	--	--
1,2-Dichloropropane	78-87-5	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	63	7	11	190	420	220	36,000	1,600	240	4,000	57	370	250	N/G/Ln	NP
1,4-Dichlorobenzene	106-46-7	ppb-TOC	63	15	24	170	8,300	220	36,000	1,400	520	3,600	1,300	390	270	NP	NP
2-Butanone	78-93-3	ppb-TOC	81	47	58	210	4,800	470	54,000	1,700	740	4,200	660	790	650	NP	NP
2-Hexanone	591-78-6	ppb-TOC	162	0	0	--	--	460	54,000	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb-TOC	162	0	0	--	--	460	54,000	--	--	--	--	--	--	--	--
Acetone	67-64-1	ppb-TOC	158	157	99	380	24,000	4,100	4,100	3,100	3,100	2,800	2,800	2,400	2,500	G/Ln	G/Ln
Benzene	71-43-2	ppb-TOC	162	50	31	33	7,700	230	28,000	700	370	1,700	930	310	290	NP	NP
Bromodichloromethane	75-27-4	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb-TOC	162	103	64	89	8,500	230	17,000	680	590	1,200	980	390	330	NP	NP
Carbon Tetrachloride	56-23-5	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb-TOC	225	31	14	110	1,300	170	31,000	640	210	1,900	120	310	280	Ln	NP
Chloroethane	75-00-3	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb-TOC	162	8	5	55	3,400	230	28,000	590	170	1,600	280	330	300	G/Ln	NP
Methylene Chloride	75-09-2	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
Styrene	100-42-5	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb-TOC	162	29	18	83	3,000	230	28,000	580	210	1,600	270	310	300	NP	NP
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb-TOC	162	0	0	--	--	230	28,000	--	--	--	--	--	--	--	--
Xylene (Total)	1330-20-7	ppb-TOC	162	39	24	55	50,000	230	21,000	1,300	980	4,700	4,600	400	330	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Subsurface (>3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb-TOC	175	69	39	160	5,200	280	550,000	7,400	590	33,000	570	910	560	G/Ln	NP
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	139	81	58	150	5,200	210	550,000	9,400	1,200	37,000	1,000	1,500	1,300	G/Ln	NP
2,4-D	94-75-7	ppb-TOC	186	89	48	600	11,000	1,200	1,400,000	18,000	2,400	79,000	1,800	3,400	2,500	G	NP
2,4-DB	94-82-6	ppb-TOC	106	45	43	580	49,000	820	1,000,000	25,000	5,200	76,000	7,100	6,000	6,700	Ln	NP
Organotins																	
Dibutyltin	1191-48-6	ppb-TOC	33	19	58	44	2,300	65	250	230	230	410	410	130	100	Ln	NP
Monobutyltin	78763-54-9	ppb-TOC	26	1	4	17	17	58	250	58	--	25	--	54	55	--	--
Tetrabutyltin	1461-25-2	ppb-TOC	33	11	33	48	470	65	250	88	89	77	75	74	70	Ln	G
Tributyltin	688-73-3	ppb-TOC	33	19	58	52	2,800	65	250	270	270	500	500	130	95	G/Ln	NP
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb-TOC	193	0	0	--	--	960	36,000	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb-TOC	193	0	0	--	--	960	36,000	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb-TOC	193	0	0	--	--	960	36,000	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb-TOC	193	86	45	390	190,000	960	36,000	15,000	14,000	26,000	27,000	4,600	4,100	G/Ln	NP
Aroclor-1248	12672-29-6	ppb-TOC	193	16	8	3,500	180,000	960	33,000	7,300	9,000	25,000	25,000	1,500	1,000	N/G/Ln	NP
Aroclor-1254	11097-69-1	ppb-TOC	191	121	63	360	160,000	1,200	17,000	17,000	17,000	25,000	25,000	6,400	7,100	G	NP
Aroclor-1260	11096-82-5	ppb-TOC	193	121	63	440	54,000	1,200	17,000	6,100	5,900	7,000	7,100	3,700	4,100	G/Ln	Ln
Aroclor-1262	37324-23-5	ppb-TOC	193	0	0	--	--	960	36,000	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb-TOC	193	33	17	320	4,800	980	36,000	2,400	1,100	3,000	710	1,500	1,200	N/G/Ln	NP
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb-TOC	193	130	67	440	390,000	1,200	17,000	42,000	41,000	66,000	66,000	11,000	11,000	G	NP
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb-TOC	193	139	72	320	390,000	1,300	17,000	42,000	42,000	66,000	66,000	12,000	11,000	G	NP
Pesticides																	
2,4'-DDD	53-19-0	ppb-TOC	154	68	44	54	3,200	96	1,700	290	270	370	360	190	170	Ln	NP
2,4'-DDE	3424-82-6	ppb-TOC	157	87	55	32	8,500	110	1,700	950	920	1,400	1,400	380	320	Ln	NP
2,4'-DDT	789-02-6	ppb-TOC	160	15	9	35	250	96	1,700	120	66	100	31	98	85	G/Ln	NP
4,4'-DDD	72-54-8	ppb-TOC	192	98	51	22	14,000	100	6,700	660	520	1,200	1,200	320	300	NP	NP
4,4'-DDE	72-55-9	ppb-TOC	193	133	69	14	20,000	120	3,800	2,500	2,400	3,700	3,700	750	1,100	NP	NP
4,4'-DDT	50-29-3	ppb-TOC	190	110	58	30	32,000	120	6,700	750	620	2,700	2,600	290	260	NP	NP
Aldrin	309-00-2	ppb-TOC	188	15	8	14	390	49	3,300	170	37	280	41	82	55	G/Ln	NP
Alpha-BHC	319-84-6	ppb-TOC	188	64	34	12	380	60	3,300	180	61	280	51	91	69	G/Ln	NP
Alpha-Chlordane	5103-71-9	ppb-TOC	193	63	33	16	260	50	3,300	170	70	270	47	93	83	G/Ln	NP
Beta-BHC	319-85-7	ppb-TOC	175	52	30	18	1,600	60	3,300	220	110	310	160	120	95	Ln	NP
Delta-BHC	319-86-8	ppb-TOC	191	9	5	63	3,500	49	3,300	190	91	370	260	84	55	Ln	NP
Dieldrin	60-57-1	ppb-TOC	189	83	44	18	1,300	65	6,700	440	240	560	270	240	210	G/Ln	NP
Endosulfan I	959-98-8	ppb-TOC	193	12	6	33	430	49	3,300	180	46	290	46	92	60	G/Ln	NP
Endosulfan II	33213-65-9	ppb-TOC	193	15	8	29	130	85	6,700	310	51	550	22	140	110	G/Ln	NP
Endosulfan Sulfate	1031-07-8	ppb-TOC	192	52	27	42	260	95	6,700	320	120	540	52	170	140	N	NP
Endrin	72-20-8	ppb-TOC	192	18	9	25	230	95	6,700	320	71	550	33	150	110	N/G/Ln	NP
Endrin Aldehyde	7421-93-4	ppb-TOC	191	57	30	40	600	95	6,700	360	150	540	110	200	170	G/Ln	NP
Endrin Ketone	53494-70-5	ppb-TOC	193	8	4	30	230	95	6,700	300	56	550	29	140	100	N/G/Ln	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	187	15	8	11	210	49	3,300	170	40	280	30	81	55	N/G/Ln	NP
Gamma-Chlordane	5566-34-7	ppb-TOC	172	37	22	35	1,300	59	3,300	240	110	310	150	130	110	G/Ln	NP
Heptachlor	76-44-8	ppb-TOC	187	49	26	34	890	49	3,300	210	100	290	130	110	85	Ln	NP
Heptachlor Epoxide	1024-57-3	ppb-TOC	157	48	31	11	1,300	58	3,300	310	170	370	280	150	150	G	NP
Methoxychlor	72-43-5	ppb-TOC	193	7	4	120	520	490	33,000	1,500	220	2,800	110	710	500	G/Ln	NP
Total Alpha + Gamma Chlordane	No CAS	ppb-TOC	193	78	40	16	1,500	59	3,300	230	130	300	180	120	96	Ln	NP
Total DDT (2,4 & 4,4)	No CAS	ppb-TOC	160	124	78	30	53,000	130	1,700	4,300	4,300	7,200	7,200	1,100	1,600	G	NP
Total DDT (2,4)	No CAS	ppb-TOC	160	97	61	54	9,700	120	1,700	1,100	1,100	1,700	1,700	430	330	Ln	NP
Total DDT (4,4)	No CAS	ppb-TOC	193	147	76	14	50,000	130	3,800	3,400	3,400	5,800	5,800	950	1,300	G	NP
Toxaphene	8001-35-2	ppb-TOC	193	0	0	--	--	4,900	330,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	160	1	1	3,000	3,000	6,600	88,000	9,200	--	5,500	--	8,200	8,000	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	33	2	6	2,700	3,200	6,900	140,000	23,000	--	17,000	--	17,000	19,000	--	--
1,2-Dichlorobenzene	95-50-1	ppb-TOC	33	0	0	--	--	6,900	270,000	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	33	1	3	2,500	2,500	6,900	140,000	23,000	--	17,000	--	18,000	19,000	--	--
1,4-Dichlorobenzene	106-46-7	ppb-TOC	33	15	46	2,200	24,000	6,900	140,000	20,000	7,900	19,000	6,300	12,000	14,000	G/Ln	NP
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	160	0	0	--	--	6,600	88,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	193	2	1	3,400	5,300	6,600	270,000	12,000	--	13,000	--	9,400	8,500	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	193	0	0	--	--	13,000	1,300,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	193	158	82	46	66,000	140	97,000	12,000	11,000	13,000	13,000	5,500	7,500	G	NP
2-Methylphenol	95-48-7	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	193	0	0	--	--	6,900	270,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	193	0	0	--	--	6,600	530,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb-TOC	193	0	0	--	--	13,000	530,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	193	0	0	--	--	13,000	830,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	193	56	29	1,600	27,000	6,600	270,000	11,000	6,300	14,000	3,900	8,500	8,300	G/Ln	NP
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	193	30	16	1,000	5,600	6,600	270,000	12,000	2,600	14,000	1,000	8,200	8,500	G/Ln	NP
4-Nitroaniline	100-01-6	ppb-TOC	193	0	0	--	--	13,000	530,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	193	0	0	--	--	13,000	830,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	193	161	83	54	110,000	140	66,000	13,000	13,000	14,000	14,000	6,100	8,800	NP	NP
Acenaphthylene	208-96-8	ppb-TOC	193	163	85	63	53,000	140	66,000	8,400	7,900	9,200	8,900	4,100	5,300	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Acetophenone	98-86-2	ppb-TOC	160	9	6	1,400	5,700	6,600	88,000	8,900	2,700	5,600	1,500	7,600	8,000	Ln	NP
Anthracene	120-12-7	ppb-TOC	193	173	90	83	190,000	140	66,000	41,000	41,000	40,000	40,000	17,000	28,000	NP	NP
Atrazine	1912-24-9	ppb-TOC	160	0	0	--	--	6,600	88,000	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb-TOC	160	23	14	1,700	11,000	6,600	88,000	8,600	3,500	5,700	1,700	7,300	8,000	G/Ln	NP
Benzo(a)anthracene	56-55-3	ppb-TOC	193	174	90	68	200,000	140	66,000	52,000	52,000	43,000	43,000	23,000	45,000	NP	NP
Benzo(a)pyrene	50-32-8	ppb-TOC	193	161	83	3,800	210,000	140	79,000	48,000	49,000	38,000	37,000	23,000	41,000	NP	NP
Benzo(b)fluoranthene	205-99-2	ppb-TOC	193	176	91	30	220,000	200	66,000	51,000	51,000	40,000	40,000	23,000	45,000	NP	NP
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	193	173	90	63	110,000	140	66,000	17,000	16,000	17,000	17,000	8,200	13,000	NP	NP
Benzo(k)fluoranthene	207-08-9	ppb-TOC	193	173	90	87	160,000	140	66,000	43,000	43,000	33,000	33,000	20,000	38,000	NP	NP
Biphenyl	92-52-4	ppb-TOC	160	45	28	1,200	22,000	6,600	88,000	8,000	3,500	5,900	3,100	6,300	7,000	NP	NP
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	193	114	59	1,500	7,600,000	6,700	280,000	450,000	440,000	990,000	990,000	73,000	65,000	NP	NP
Butyl benzyl phthalate	85-68-7	ppb-TOC	193	27	14	1,700	130,000	6,600	270,000	13,000	4,800	17,000	11,000	8,900	8,500	NP	NP
Caprolactam	105-60-2	ppb-TOC	160	0	0	--	--	6,600	88,000	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb-TOC	193	113	59	1,400	57,000	6,900	270,000	12,000	7,600	14,000	7,200	8,100	8,000	Ln	NP
Chrysene	218-01-9	ppb-TOC	193	177	92	30	220,000	200	66,000	61,000	61,000	48,000	48,000	27,000	55,000	NP	NP
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	193	127	66	96	37,000	140	97,000	7,200	5,600	7,000	5,400	4,000	5,900	G	NP
Dibenzofuran	132-64-9	ppb-TOC	193	119	62	1,100	39,000	5,200	270,000	10,000	6,700	12,000	5,500	7,200	8,000	NP	NP
Diethyl phthalate	84-66-2	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	193	12	6	1,100	35,000	6,600	270,000	12,000	2,900	14,000	3,400	9,200	8,500	NP	NP
Di-n-Octylphthalate	117-84-0	ppb-TOC	170	62	37	1,500	220,000	6,600	280,000	25,000	18,000	33,000	31,000	14,000	13,000	G/Ln	NP
Fluoranthene	206-44-0	ppb-TOC	193	185	96	42	760,000	820	66,000	120,000	120,000	110,000	110,000	46,000	98,000	NP	NP
Fluorene	86-73-7	ppb-TOC	193	165	86	55	110,000	140	66,000	15,000	15,000	15,000	15,000	6,600	11,000	NP	NP
Hexachlorobenzene	118-74-1	ppb-TOC	193	43	22	74	2,100	140	270,000	5,000	320	14,000	320	690	410	G/Ln	NP
Hexachlorobutadiene	87-68-3	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	53	0	0	--	--	7,100	830,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	193	173	90	48	100,000	140	66,000	15,000	15,000	14,000	14,000	8,100	12,000	NP	NP
Isophorone	78-59-1	ppb-TOC	193	1	1	320,000	320,000	6,600	270,000	14,000	--	26,000	--	9,800	9,000	--	--
Naphthalene	91-20-3	ppb-TOC	193	150	78	680	410,000	140	97,000	32,000	31,000	61,000	61,000	9,100	13,000	NP	NP
Nitrobenzene	98-95-3	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	193	0	0	--	--	6,600	270,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	193	42	22	4,700	73,000	6,600	310,000	15,000	10,000	18,000	9,300	11,000	10,000	NP	NP
Pentachlorophenol	87-86-5	ppb-TOC	192	0	0	--	--	280	830,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb-TOC	193	182	94	30	390,000	270	49,000	60,000	60,000	65,000	65,000	22,000	39,000	NP	NP
Phenol	108-95-2	ppb-TOC	193	7	4	2,000	260,000	6,600	140,000	12,000	4,300	20,000	19,000	9,100	8,500	NP	NP
Pyrene	129-00-0	ppb-TOC	193	170	88	390	440,000	140	66,000	99,000	99,000	81,000	81,000	43,000	85,000	NP	NP
Total HMW PAHs-SVOC	No CAS	ppb-TOC	193	185	96	42	1,900,000	820	66,000	510,000	500,000	400,000	400,000	180,000	450,000	NP	NP
Total LMW PAHs-SVOC	No CAS	ppb-TOC	193	184	95	30	900,000	330	49,000	170,000	170,000	180,000	180,000	57,000	110,000	NP	NP
TOTAL PAHs - SVOC	No CAS	ppb-TOC	193	186	96	70	2,400,000	820	49,000	680,000	680,000	550,000	550,000	240,000	570,000	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
TPH																	
Total Petroleum Hydrocarbons	TPH	ppb-TOC	193	179	93	1,400	280,000	1,100	9,400	99,000	99,000	72,000	71,000	49,000	110,000	N	NP
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	159	0	0	--	--	150	35,000	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	159	0	0	--	--	150	35,000	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb-TOC	159	25	16	68	6,700	150	35,000	1,700	330	3,800	720	400	240	Ln	NP
1,2-Dichloroethane	107-06-2	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	159	19	12	120	5,000	150	35,000	1,700	240	3,800	440	380	240	NP	NP
1,4-Dichlorobenzene	106-46-7	ppb-TOC	160	36	23	160	20,000	150	35,000	1,700	780	3,800	2,200	420	250	NP	NP
2-Butanone	78-93-3	ppb-TOC	20	13	65	290	1,700	630	35,000	1,900	540	4,400	300	690	500	NP	NP
2-Hexanone	591-78-6	ppb-TOC	33	0	0	--	--	490	35,000	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb-TOC	33	0	0	--	--	490	35,000	--	--	--	--	--	--	--	--
Acetone	67-64-1	ppb-TOC	31	31	100	490	7,900	--	--	2,500	2,500	1,600	1,600	2,100	2,300	G/Ln	G/Ln
Benzene	71-43-2	ppb-TOC	33	18	55	59	4,800	250	18,000	1,200	750	2,000	1,100	450	310	G/Ln	NP
Bromodichloromethane	75-27-4	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb-TOC	33	23	70	160	4,800	250	11,000	650	510	1,200	810	360	290	NP	NP
Carbon Tetrachloride	56-23-5	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb-TOC	193	28	15	110	1,700	150	28,000	1,000	200	2,700	140	300	230	NP	NP
Chloroethane	75-00-3	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb-TOC	33	7	21	65	13,000	250	11,000	930	680	2,400	2,300	310	250	G/Ln	NP
Methylene Chloride	75-09-2	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
Styrene	100-42-5	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb-TOC	33	10	30	65	830	250	18,000	660	190	1,800	140	260	240	G/Ln	NP
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb-TOC	33	0	0	--	--	250	18,000	--	--	--	--	--	--	--	--
Xylene (Total)	1330-20-7	ppb-TOC	33	18	55	67	41,000	250	670	3,100	3,000	7,600	7,500	660	300	G/Ln	NP

Abbreviations:

-- not applicable due to frequency of detection
1/2 DL = half the detection limit (e.g., sample reporting limit)
Al = Aluminum
CARP = Contaminant Assessment and Reduction Program
CAS = Chemical Abstracts Service
Fe = Iron
FOD = frequency of detection (detects / total)
ft bss = feet below sediment surface
GM = geometric mean
GOF = goodness-of-fit
HMW = high molecular weight
KM = Kaplan-Meier
LMW = low molecular weight
Max = maximum
Min = minimum
ND = nondetect
PAH = polynuclear aromatic hydrocarbon
PCB = polycyclic aromatic hydrocarbon
ppb = parts per billiom
ppm = parts per milliom
ppt = parts per trillion
ROS = regression on ordered statistics
SD = standard deviation
SVOC = semivolatile organic compound
TOC = total organic carbon
TPH = total petroleum hydrocarbon

Notes:

[1] Total concentrations are based on the sum of detected observations; therefore statistics for totals are based on detected observations.

[2] KM and GOF statistics generated using USEPA ProUCL (v. 4.1.01) software (USEPA, 2011). Remaining statistics generated in MS Access 2010.

[3] When FOD = 100%, the KM statistics are equal to the arithmetic mean and standard deviation of the full dataset.

[4] KM statistics and GOF results only reported for constituents with at least 8 total observations and 5 distinct detected observations (USEPA, 2010).

[5] The GM is a parameter that specifically defines a lognormal distribution and is equal to the anti-log of the mean of the log-transformed values. GM is generally not descriptive of the central tendency for data that are not lognormally distributed.

[6] Distribution assessed by GOF tests at 95% confidence level (α = 0.05) using ProUCL 4.1.01 Left-censored data are evaluated with both detects only and ROS methods (USEPA, 2010).
Normal (N): dataset follows a normal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Gamma (G): dataset follows a gamma distribution, according to the Kolmogorov-Smirnov test.
Lognormal (Ln): dataset follows a lognormal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Nonparametric (NP): dataset does not follow any of the three distributions noted above.

[7] Level = data usability levels. For information about these levels and their applicability, please refer to Section 3 of the report.

[8] This table presents data for each of the 18 select chemicals (where available) identified for focused evaluation in Section 4.3

[9] Organic compounds are normalized to TOC and inorganic compounds are normalized to aluminum.

Table D-11
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	22	22	100	3,710	147,000	--	--	25,000	25,000	33,100	33,100	15,700	14,500	Ln	Ln
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	22	22	100	1,980	37,400	--	--	9,260	9,260	7,370	7,370	7,460	7,570	G/Ln	G/Ln
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	22	20	91	79.3	4,610	41.2	1,110	703	704	904	883	461	564	NP	NP
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	22	17	77	30.5	472	61.5	572	146	135	98.4	92.8	118	139	G/Ln	Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	22	21	96	429	9,740	666	666	2,080	2,090	1,930	1,880	1,580	1,670	G/Ln	Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	22	19	86	281	3,200	53.4	496	901	926	762	719	584	749	G/Ln	Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	22	20	91	203	3,770	84.5	710	646	655	743	720	459	485	Ln	Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	22	20	91	133	1,480	445	537	536	541	294	285	464	530	G/Ln	G/Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	22	8	36	21.9	468	14.2	846	113	69.9	127	94.1	69.4	60.5	Ln	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	22	11	50	33.5	408	35.1	1,850	195	123	217	93.0	124	119	N/G/Ln	Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	22	17	77	149	1,640	59.8	714	353	367	332	313	251	286	G/Ln	Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	22	19	86	100	1,500	85.9	693	388	392	303	295	301	330	G/Ln	Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	22	16	73	183	1,760	62.2	718	483	508	388	358	330	411	G/Ln	Ln
2,3,7,8-TCDD	1746-01-6	ppt-TOC	22	22	100	305	5,820	--	--	1,950	1,950	1,380	1,380	1,510	1,720	G/Ln	G/Ln
2,3,7,8-TCDF	51207-31-9	ppt-TOC	22	22	100	199	2,540	--	--	658	658	494	494	546	523	G/Ln	G/Ln
OCDD	3268-87-9	ppt-TOC	22	22	100	42,700	649,000	--	--	218,000	218,000	172,000	172,000	169,000	173,000	G/Ln	G/Ln
OCDF	39001-02-0	ppt-TOC	22	22	100	4,000	99,600	--	--	19,700	19,700	19,200	19,200	15,300	16,000	G/Ln	G/Ln
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	22	3	14	50,600	84,900	14,100	87,600	31,000	--	20,500	--	25,500	26,600	--	--
PCB-100	39485-83-1	ppt-TOC	22	10	46	11,100	73,600	22,100	86,600	28,900	26,500	15,500	16,000	25,600	25,400	N/G/Ln	NP
PCB-104	56558-16-8	ppt-TOC	22	0	0	--	--	14,000	87,200	--	--	--	--	--	--	--	--
PCB-105	32598-14-4	ppt-TOC	22	22	100	184,000	2,530,000	--	--	625,000	625,000	527,000	527,000	498,000	461,000	Ln	Ln
PCB-11	2050-67-1	ppt-TOC	22	20	91	105,000	961,000	68,200	72,400	341,000	347,000	256,000	243,000	250,000	261,000	G/Ln	N/Ln
PCB-110	38380-03-9	ppt-TOC	22	22	100	422,000	5,940,000	--	--	1,540,000	1,540,000	1,220,000	1,220,000	1,250,000	1,200,000	G/Ln	G/Ln
PCB-114	74472-37-0	ppt-TOC	22	3	14	44,000	88,400	14,000	87,200	28,100	--	18,300	--	23,400	24,700	--	--
PCB-123	65510-44-3	ppt-TOC	22	22	100	68,900	626,000	--	--	192,000	192,000	124,000	124,000	166,000	156,000	G/Ln	G/Ln
PCB-124	70424-70-3	ppt-TOC	22	14	64	30,200	333,000	14,100	86,600	79,300	83,100	79,200	74,700	51,500	50,800	G/Ln	N/Ln
PCB-126	57465-28-8	ppt-TOC	22	0	0	--	--	14,100	87,600	--	--	--	--	--	--	--	--
PCB-127	39635-33-1	ppt-TOC	22	0	0	--	--	14,000	87,200	--	--	--	--	--	--	--	--
PCB-130	52663-66-8	ppt-TOC	22	19	86	44,500	445,000	52,400	86,200	110,000	113,000	94,500	90,500	86,300	90,200	Ln	G/Ln
PCB-131	61798-70-7	ppt-TOC	22	21	96	29,800	259,000	52,400	52,400	76,700	77,400	49,800	48,100	66,100	61,700	G/Ln	G/Ln
PCB-135	52744-13-5	ppt-TOC	22	21	96	65,900	674,000	75,900	75,900	172,000	173,000	128,000	124,000	145,000	147,000	Ln	Ln
PCB-136	38411-22-2	ppt-TOC	22	22	100	59,800	722,000	--	--	180,000	180,000	139,000	139,000	151,000	143,000	Ln	Ln
PCB-137	35694-06-5	ppt-TOC	22	21	96	22,300	284,000	52,400	52,400	79,500	79,900	61,000	59,300	64,000	61,100	G/Ln	G/Ln
PCB-140	59291-64-4	ppt-TOC	22	4	18	25,900	50,800	15,800	87,600	26,800	--	11,700	--	24,200	26,600	--	--
PCB-141	52712-04-6	ppt-TOC	22	22	100	70,400	1,190,000	--	--	263,000	263,000	238,000	238,000	209,000	197,000	Ln	Ln
PCB-144	68194-14-9	ppt-TOC	22	22	100	36,000	364,000	--	--	96,400	96,400	69,600	69,600	82,100	79,600	G/Ln	G/Ln
PCB-15	2050-68-2	ppt-TOC	22	22	100	207,000	971,000	--	--	539,000	539,000	191,000	191,000	506,000	514,000	N/G/Ln	N/G/Ln
PCB-151	52663-63-5	ppt-TOC	22	22	100	101,000	1,390,000	--	--	330,000	330,000	272,000	272,000	270,000	269,000	G/Ln	G/Ln
PCB-153	35065-27-1	ppt-TOC	22	22	100	457,000	5,710,000	--	--	1,380,000	1,380,000	1,130,000	1,130,000	1,120,000	1,150,000	G/Ln	G/Ln

Table D-11
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-154	60145-22-4	ppt-TOC	22	22	100	25,600	143,000	--	--	56,200	56,200	26,200	26,200	51,600	53,400	G/Ln	G/Ln
PCB-155	33979-03-2	ppt-TOC	22	13	59	14,900	65,900	25,000	87,200	32,900	32,400	12,900	13,400	30,400	34,200	N/G/Ln	G/Ln
PCB-156	38380-08-4	ppt-TOC	22	22	100	59,900	680,000	--	--	173,000	173,000	137,000	137,000	143,000	133,000	Ln	Ln
PCB-157	69782-90-7	ppt-TOC	22	13	59	8,990	186,000	26,700	86,200	44,100	44,500	37,700	37,300	35,100	36,200	G/Ln	Ln
PCB-166	41411-63-6	ppt-TOC	22	2	9	24,800	42,900	14,100	87,600	24,400	--	11,500	--	21,600	24,000	--	--
PCB-167	52663-72-6	ppt-TOC	22	21	96	29,100	257,000	37,500	37,500	75,100	75,700	50,300	48,500	63,800	65,100	G/Ln	G/Ln
PCB-169	32774-16-6	ppt-TOC	22	1	5	170,000	170,000	14,100	87,600	29,700	--	33,200	--	22,300	22,200	--	--
PCB-17	37680-66-3	ppt-TOC	22	22	100	180,000	2,470,000	--	--	601,000	601,000	544,000	544,000	457,000	408,000	G/Ln	G/Ln
PCB-170	35065-30-6	ppt-TOC	22	22	100	96,300	1,450,000	--	--	325,000	325,000	282,000	282,000	263,000	254,000	G/Ln	G/Ln
PCB-171	52663-71-5	ppt-TOC	22	22	100	39,600	424,000	--	--	109,000	109,000	80,400	80,400	92,600	87,900	G/Ln	G/Ln
PCB-172	52663-74-8	ppt-TOC	22	22	100	27,400	306,000	--	--	84,200	84,200	56,900	56,900	73,000	72,700	G/Ln	G/Ln
PCB-173	68194-16-1	ppt-TOC	22	6	27	8,870	82,600	25,000	86,600	26,700	20,000	16,100	16,500	23,300	22,200	N/G/Ln	NP
PCB-174	38411-25-5	ppt-TOC	22	22	100	97,000	1,530,000	--	--	339,000	339,000	302,000	302,000	271,000	259,000	G/Ln	G/Ln
PCB-175	40186-70-7	ppt-TOC	22	21	96	4,500	84,500	30,700	30,700	25,400	25,700	16,200	15,800	21,800	23,900	G/Ln	G/Ln
PCB-176	52663-65-7	ppt-TOC	22	21	96	11,900	196,000	86,200	86,200	42,700	42,300	38,600	38,000	33,400	36,700	G/Ln	G/Ln
PCB-177	52663-70-4	ppt-TOC	22	22	100	70,700	919,000	--	--	222,000	222,000	178,000	178,000	183,000	185,000	G/Ln	G/Ln
PCB-178	52663-67-9	ppt-TOC	22	22	100	38,100	320,000	--	--	91,100	91,100	58,800	58,800	80,300	79,800	G/Ln	G/Ln
PCB-179	52663-64-6	ppt-TOC	22	22	100	56,400	679,000	--	--	159,000	159,000	131,000	131,000	131,000	126,000	G/Ln	G/Ln
PCB-18	37680-65-2	ppt-TOC	22	22	100	245,000	5,780,000	--	--	1,160,000	1,160,000	1,300,000	1,300,000	783,000	633,000	Ln	Ln
PCB-180	35065-29-3	ppt-TOC	22	22	100	257,000	3,720,000	--	--	831,000	831,000	724,000	724,000	670,000	681,000	G/Ln	G/Ln
PCB-183	52663-69-1	ppt-TOC	22	22	100	76,100	1,010,000	--	--	231,000	231,000	196,000	196,000	187,000	189,000	G/Ln	G/Ln
PCB-184	74472-48-3	ppt-TOC	22	2	9	16,200	23,000	15,800	87,600	24,100	--	10,300	--	22,000	23,100	--	--
PCB-185	52712-05-7	ppt-TOC	22	22	100	26,200	247,000	--	--	66,600	66,600	46,200	46,200	57,600	54,400	Ln	Ln
PCB-188	74487-85-7	ppt-TOC	22	9	41	13,700	85,700	25,000	86,600	31,400	30,300	18,100	18,600	27,300	26,100	N/G/Ln	G
PCB-189	39635-31-9	ppt-TOC	22	4	18	13,100	112,000	14,000	86,200	27,100	--	21,600	--	22,400	22,200	--	--
PCB-19	38444-73-4	ppt-TOC	22	8	36	80,300	489,000	21,800	86,200	74,700	111,000	105,000	86,100	41,600	31,800	G/Ln	NP
PCB-190	41411-64-7	ppt-TOC	22	22	100	40,500	375,000	--	--	103,000	103,000	70,300	70,300	89,300	88,000	G/Ln	G/Ln
PCB-191	74472-50-7	ppt-TOC	22	15	68	450	93,000	27,100	86,600	31,200	29,800	19,900	20,500	23,500	26,500	N/G	G
PCB-193	69782-91-8	ppt-TOC	22	22	100	19,600	212,000	--	--	68,100	68,100	40,100	40,100	59,200	61,800	G/Ln	G/Ln
PCB-194	35694-08-7	ppt-TOC	22	22	100	66,800	943,000	--	--	223,000	223,000	181,000	181,000	184,000	182,000	G/Ln	G/Ln
PCB-195	52663-78-2	ppt-TOC	22	22	100	20,400	337,000	--	--	79,700	79,700	65,000	65,000	65,200	65,200	G/Ln	G/Ln
PCB-197	33091-17-7	ppt-TOC	22	18	82	4,230	66,700	52,400	86,200	25,600	23,900	13,500	13,400	22,100	26,300	G/Ln	G/Ln
PCB-198	68194-17-2	ppt-TOC	22	11	50	17,300	377,000	15,800	68,600	53,500	54,000	87,800	85,500	29,500	24,200	Ln	NP
PCB-199	52663-75-9	ppt-TOC	22	22	100	107,000	1,070,000	--	--	296,000	296,000	208,000	208,000	252,000	245,000	G/Ln	G/Ln
PCB-200	52663-73-7	ppt-TOC	22	22	100	8,990	139,000	--	--	43,100	43,100	26,200	26,200	37,200	42,200	G/Ln	G/Ln
PCB-201	40186-71-8	ppt-TOC	22	22	100	11,600	153,000	--	--	42,100	42,100	29,600	29,600	35,400	35,100	G/Ln	G/Ln
PCB-202	2136-99-4	ppt-TOC	22	22	100	30,200	218,000	--	--	74,900	74,900	42,900	42,900	66,700	64,200	G/Ln	G/Ln
PCB-205	74472-53-0	ppt-TOC	22	12	55	2,840	89,900	25,000	86,600	25,600	22,400	17,900	18,500	20,600	23,500	G/Ln	Ln
PCB-206	40186-72-9	ppt-TOC	22	22	100	64,900	1,030,000	--	--	264,000	264,000	213,000	213,000	214,000	204,000	Ln	Ln
PCB-207	52663-79-3	ppt-TOC	22	22	100	1,060	132,000	--	--	45,500	45,500	30,200	30,200	34,300	37,700	G	G
PCB-208	52663-77-1	ppt-TOC	22	22	100	17,100	384,000	--	--	83,800	83,800	79,700	79,700	63,500	56,900	Ln	Ln
PCB-209	2051-24-3	ppt-TOC	22	22	100	62,200	736,000	--	--	233,000	233,000	154,000	154,000	196,000	179,000	G/Ln	G/Ln
PCB-22	38444-85-8	ppt-TOC	22	21	96	189,000	2,910,000	68,600	68,600	666,000	674,000	630,000	609,000	466,000	464,000	G/Ln	Ln

Table D-11
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-25	55712-37-3	ppt-TOC	22	20	91	109,000	811,000	68,200	86,200	308,000	314,000	196,000	183,000	244,000	275,000	G/Ln	N/Ln
PCB-26	38444-81-4	ppt-TOC	22	21	96	167,000	1,860,000	68,600	68,600	455,000	462,000	380,000	366,000	351,000	366,000	Ln	Ln
PCB-28	7012-37-5	ppt-TOC	22	22	100	673,000	6,670,000	--	--	1,920,000	1,920,000	1,360,000	1,360,000	1,620,000	1,500,000	G/Ln	G/Ln
PCB-29	15862-07-4	ppt-TOC	22	0	0	--	--	14,000	87,200	--	--	--	--	--	--	--	--
PCB-3	2051-62-9	ppt-TOC	22	4	18	36,600	47,100	14,000	87,200	27,600	--	12,700	--	24,200	27,700	--	--
PCB-30	35693-92-6	ppt-TOC	22	0	0	--	--	14,000	87,200	--	--	--	--	--	--	--	--
PCB-31	16606-02-3	ppt-TOC	22	22	100	526,000	6,430,000	--	--	1,670,000	1,670,000	1,330,000	1,330,000	1,350,000	1,160,000	G/Ln	G/Ln
PCB-37	38444-90-5	ppt-TOC	22	22	100	247,000	2,280,000	--	--	679,000	679,000	456,000	456,000	585,000	511,000	G/Ln	G/Ln
PCB-40	38444-93-8	ppt-TOC	22	18	82	61,300	1,450,000	52,400	86,600	299,000	304,000	318,000	307,000	183,000	187,000	G/Ln	Ln
PCB-44	41464-39-5	ppt-TOC	22	22	100	638,000	12,700,000	--	--	2,870,000	2,870,000	2,600,000	2,600,000	2,240,000	1,940,000	G/Ln	G/Ln
PCB-45	70362-45-7	ppt-TOC	22	22	100	82,000	1,920,000	--	--	399,000	399,000	413,000	413,000	288,000	261,000	G/Ln	G/Ln
PCB-46	41464-47-5	ppt-TOC	22	8	36	87,800	822,000	14,100	86,600	123,000	164,000	189,000	163,000	50,500	31,900	G/Ln	NP
PCB-47	2437-79-8	ppt-TOC	22	22	100	213,000	2,070,000	--	--	643,000	643,000	427,000	427,000	545,000	556,000	G/Ln	G/Ln
PCB-50	62796-65-0	ppt-TOC	22	0	0	--	--	14,100	87,600	--	--	--	--	--	--	--	--
PCB-51	68194-04-7	ppt-TOC	22	15	68	36,900	376,000	25,000	86,600	94,100	98,100	84,600	79,500	66,400	75,200	G/Ln	N/Ln
PCB-53	41464-41-9	ppt-TOC	22	22	100	59,800	991,000	--	--	251,000	251,000	216,000	216,000	195,000	165,000	Ln	Ln
PCB-54	15968-05-5	ppt-TOC	22	6	27	15,300	62,500	22,100	87,600	29,100	26,600	12,700	13,200	26,500	27,900	N/G/Ln	NP
PCB-6	25569-80-6	ppt-TOC	22	11	50	50,700	329,000	22,100	86,600	66,100	79,200	70,600	61,900	45,800	47,000	G/Ln	NP
PCB-63	74472-34-7	ppt-TOC	22	18	82	50,000	433,000	26,700	86,200	130,000	134,000	101,000	94,700	98,300	107,000	G/Ln	N/Ln
PCB-67	73575-53-8	ppt-TOC	22	9	41	36,500	413,000	22,100	86,600	78,500	85,800	99,500	93,100	45,500	36,400	N/G/Ln	NP
PCB-74	32690-93-0	ppt-TOC	22	22	100	264,000	3,940,000	--	--	950,000	950,000	820,000	820,000	745,000	671,000	G/Ln	G/Ln
PCB-77	32598-13-3	ppt-TOC	22	17	77	9,460	334,000	14,000	86,200	87,100	87,800	70,000	68,700	63,200	75,400	G	Ln
PCB-80	33284-52-5	ppt-TOC	22	0	0	--	--	14,100	87,600	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt-TOC	22	0	0	--	--	14,100	87,600	--	--	--	--	--	--	--	--
PCB-82	52663-62-4	ppt-TOC	22	21	96	79,900	960,000	52,400	52,400	255,000	257,000	211,000	204,000	194,000	180,000	G/Ln	Ln
PCB-83	60145-20-2	ppt-TOC	22	22	100	68,600	705,000	--	--	205,000	205,000	135,000	135,000	178,000	161,000	G/Ln	G/Ln
PCB-97	41464-51-1	ppt-TOC	22	22	100	151,000	2,330,000	--	--	597,000	597,000	476,000	476,000	483,000	465,000	Ln	Ln
PCB-99	38380-01-7	ppt-TOC	22	22	100	213,000	2,540,000	--	--	701,000	701,000	505,000	505,000	587,000	597,000	G/Ln	G/Ln
Total Congener PCBs (NOAA 1989)	No CAS	ppt-TOC	22	22	100	11,200,000	14,700,000	--	--	36,200,000	36,200,000	29,600,000	29,600,000	29,300,000	27,500,000	G/Ln	G/Ln

Table D-11
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Mid-depth (0.5 - 3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	55	54	98	191	112,000	214	214	18,900	18,900	16,500	16,300	12,400	15,500	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	55	54	98	24.2	55,500	306	306	12,100	12,100	11,100	11,000	7,550	7,720	NP	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	55	46	84	179	3,590	16.1	856	773	789	669	647	479	468	Ln	Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	55	38	69	28.6	798	13.3	232	139	139	120	120	98.7	129	NP	Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	55	53	96	26.1	12,500	6.94	219	2,760	2,760	2,280	2,260	1,740	2,000	G	NP
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	55	50	91	70.9	7,090	15.3	253	1,070	1,070	1,030	1,020	701	779	G/Ln	Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	55	50	91	112	3,660	6.39	223	806	812	656	644	535	553	G/Ln	Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	55	49	89	34.8	3,510	13.6	226	605	604	520	516	411	502	G	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	55	29	53	13.2	757	6.94	398	88.1	78.2	106	107	61.2	62.7	G/Ln	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	55	38	69	49.2	1,100	26.2	1,510	215	200	183	162	156	173	G/Ln	N/Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	55	41	75	95.8	2,240	19.2	438	421	430	391	380	265	302	G/Ln	N/Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	55	49	89	57.2	2,430	6.39	203	491	493	431	425	324	347	Ln	Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	55	46	84	90.1	3,290	19.2	611	603	609	514	505	406	509	G/Ln	Ln
2,3,7,8-TCDD	1746-01-6	ppt-TOC	55	51	93	38.8	33,300	25.8	559	4,190	4,190	6,060	6,010	1,790	2,150	NP	NP
2,3,7,8-TCDF	51207-31-9	ppt-TOC	55	51	93	162	4,840	22.2	637	837	845	700	688	639	665	G/Ln	Ln
OCDD	3268-87-9	ppt-TOC	55	55	100	5,260	1,280,000	--	--	219,000	219,000	190,000	190,000	161,000	159,000	G	G
OCDF	39001-02-0	ppt-TOC	55	55	100	85.6	155,000	--	--	25,400	25,400	26,400	26,400	15,400	14,800	NP	NP
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	55	1	2	981,000	981,000	12,000	103,000	32,300	--	130,000	--	14,800	13,200	--	--
PCB-100	39485-83-1	ppt-TOC	55	18	33	14,100	41,900	12,200	103,000	18,800	20,000	8,930	6,470	17,100	16,500	N/G/Ln	NP
PCB-104	56558-16-8	ppt-TOC	55	0	0	--	--	12,000	103,000	--	--	--	--	--	--	--	--
PCB-105	32598-14-4	ppt-TOC	55	53	96	13,600	2,120,000	31,900	40,300	622,000	622,000	428,000	424,000	418,000	556,000	NP	NP
PCB-11	2050-67-1	ppt-TOC	55	45	82	108,000	1,680,000	12,200	103,000	405,000	422,000	342,000	322,000	225,000	297,000	G/Ln	N
PCB-110	38380-03-9	ppt-TOC	55	53	96	13,100	4,630,000	22,100	40,500	1,530,000	1,530,000	1,010,000	1,000,000	957,000	1,390,000	NP	NP
PCB-114	74472-37-0	ppt-TOC	55	10	18	230	190,000	12,000	103,000	28,300	18,800	41,900	44,800	16,400	13,500	N/G	NP
PCB-123	65510-44-3	ppt-TOC	55	49	89	31,300	566,000	12,200	40,500	185,000	187,000	117,000	113,000	134,000	170,000	G/Ln	N
PCB-124	70424-70-3	ppt-TOC	55	40	73	13,800	270,000	12,200	103,000	81,100	81,100	64,500	63,900	54,700	68,900	G/Ln	NP
PCB-126	57465-28-8	ppt-TOC	55	3	6	55,700	333,000	12,000	103,000	26,000	--	54,200	--	15,900	13,300	--	--
PCB-127	39635-33-1	ppt-TOC	55	2	4	23,800	37,000	12,000	103,000	15,500	--	7,780	--	14,200	13,200	--	--
PCB-130	52663-66-8	ppt-TOC	55	45	82	42,200	228,000	12,200	103,000	103,000	108,000	60,200	53,400	78,800	101,000	G/Ln	N/Ln
PCB-131	61798-70-7	ppt-TOC	55	46	84	23,800	141,000	12,200	103,000	59,800	61,400	32,100	29,900	49,900	53,400	G/Ln	N/Ln
PCB-135	52744-13-5	ppt-TOC	55	51	93	24,600	419,000	12,200	40,500	176,000	176,000	94,900	92,700	139,000	160,000	G	NP
PCB-136	38411-22-2	ppt-TOC	55	54	98	11,700	409,000	21,900	21,900	165,000	165,000	90,200	89,200	133,000	153,000	NP	N
PCB-137	35694-06-5	ppt-TOC	55	48	87	16,300	196,000	12,200	103,000	77,600	78,300	44,500	43,400	62,400	70,500	G/Ln	Ln
PCB-140	59291-64-4	ppt-TOC	55	18	33	17,800	74,600	12,200	103,000	22,700	25,300	13,800	11,400	19,400	18,800	G/Ln	NP
PCB-141	52712-04-6	ppt-TOC	55	51	93	25,000	671,000	12,200	40,500	252,000	252,000	157,000	154,000	183,000	237,000	G	NP
PCB-144	68194-14-9	ppt-TOC	55	47	86	21,300	192,000	12,200	103,000	80,600	81,900	44,600	42,500	64,600	73,000	G/Ln	N/Ln
PCB-15	2050-68-2	ppt-TOC	55	44	80	141,000	1,280,000	24,400	83,500	473,000	495,000	321,000	289,000	293,000	503,000	NP	NP
PCB-151	52663-63-5	ppt-TOC	55	51	93	21,400	810,000	12,200	40,500	323,000	323,000	189,000	186,000	229,000	293,000	N	N
PCB-153	35065-27-1	ppt-TOC	55	54	98	6,670	3,340,000	40,500	40,500	1,370,000	1,370,000	773,000	766,000	915,000	1,330,000	N	N

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-154	60145-22-4	ppt-TOC	55	48	87	12,500	256,000	12,200	103,000	44,200	44,600	34,000	33,300	37,300	37,500	NP	Ln
PCB-155	33979-03-2	ppt-TOC	55	34	62	13,500	61,300	12,200	103,000	24,400	25,200	12,000	10,800	21,900	20,900	G/Ln	Ln
PCB-156	38380-08-4	ppt-TOC	55	49	89	15,600	454,000	12,200	40,500	167,000	167,000	101,000	99,600	120,000	160,000	N/G	N
PCB-157	69782-90-7	ppt-TOC	55	44	80	7,740	250,000	12,200	103,000	46,400	46,700	36,500	36,200	36,600	40,300	NP	Ln
PCB-166	41411-63-6	ppt-TOC	55	6	11	13,800	60,800	12,000	103,000	17,700	17,100	12,100	10,300	15,200	13,300	N/G/Ln	NP
PCB-167	52663-72-6	ppt-TOC	55	47	86	29,200	172,000	12,200	103,000	70,700	72,900	36,600	33,300	58,700	68,100	N/G/Ln	N/Ln
PCB-169	32774-16-6	ppt-TOC	55	9	16	39,000	280,000	12,000	103,000	38,000	58,200	59,300	50,400	19,800	13,300	N/G/Ln	NP
PCB-17	37680-66-3	ppt-TOC	55	49	89	13,000	2,050,000	12,200	40,500	623,000	623,000	525,000	521,000	339,000	411,000	G	Ln
PCB-170	35065-30-6	ppt-TOC	55	51	93	12,500	766,000	12,200	40,300	328,000	328,000	180,000	178,000	236,000	328,000	N	N
PCB-171	52663-71-5	ppt-TOC	55	50	91	19,200	284,000	12,200	103,000	103,000	103,000	54,400	53,100	85,000	95,900	G/Ln	N/Ln
PCB-172	52663-74-8	ppt-TOC	55	49	89	16,700	154,000	12,200	103,000	72,900	73,600	35,800	34,700	61,200	71,700	N/G/Ln	N/Ln
PCB-173	68194-16-1	ppt-TOC	55	22	40	4,440	163,000	12,200	103,000	21,900	21,300	22,500	22,200	17,400	15,300	G/Ln	NP
PCB-174	38411-25-5	ppt-TOC	55	53	96	14,300	761,000	12,200	40,300	330,000	330,000	191,000	189,000	244,000	310,000	NP	NP
PCB-175	40186-70-7	ppt-TOC	55	49	89	2,480	47,900	12,200	103,000	23,500	23,300	10,500	9,710	20,700	22,500	N	N
PCB-176	52663-65-7	ppt-TOC	55	50	91	1,050	98,500	12,200	103,000	45,500	45,400	24,500	24,700	35,800	47,600	N/G	N
PCB-177	52663-70-4	ppt-TOC	55	51	93	3,130	489,000	12,200	40,300	218,000	218,000	121,000	120,000	154,000	225,000	N	N
PCB-178	52663-67-9	ppt-TOC	55	51	93	17,200	161,000	12,200	103,000	80,100	80,700	34,900	34,000	69,300	79,500	N/G	N
PCB-179	52663-64-6	ppt-TOC	55	52	95	5,250	328,000	12,200	40,500	157,000	156,000	84,800	84,200	117,000	161,000	N	N
PCB-18	37680-65-2	ppt-TOC	55	49	89	16,800	5,700,000	12,200	40,300	1,240,000	1,240,000	1,240,000	1,230,000	573,000	805,000	G	Ln
PCB-180	35065-29-3	ppt-TOC	55	54	98	6,390	1,850,000	40,500	40,500	800,000	800,000	458,000	454,000	533,000	816,000	N	N
PCB-183	52663-69-1	ppt-TOC	55	51	93	14,200	610,000	12,200	103,000	238,000	238,000	133,000	132,000	181,000	236,000	G	NP
PCB-184	74472-48-3	ppt-TOC	55	9	16	14,500	36,100	12,200	103,000	17,300	18,400	8,090	5,240	15,800	14,700	N/G/Ln	NP
PCB-185	52712-05-7	ppt-TOC	55	49	89	8,750	136,000	12,200	103,000	57,400	57,600	30,200	29,900	48,200	54,100	G	N/Ln
PCB-188	74487-85-7	ppt-TOC	55	24	44	6,710	66,900	12,200	103,000	19,700	19,600	12,600	12,100	16,800	15,200	N/G/Ln	NP
PCB-189	39635-31-9	ppt-TOC	55	22	40	494	70,000	12,200	103,000	23,300	19,900	16,400	18,900	18,200	16,300	N	NP
PCB-19	38444-73-4	ppt-TOC	55	19	35	96,000	545,000	12,200	103,000	93,200	146,000	124,000	90,400	35,700	16,300	G/Ln	NP
PCB-190	41411-64-7	ppt-TOC	55	49	89	18,300	195,000	12,200	103,000	90,600	91,400	42,400	41,000	75,900	90,500	N/G	N/Ln
PCB-191	74472-50-7	ppt-TOC	55	45	82	2,170	61,500	12,200	103,000	24,700	24,700	12,200	11,700	21,400	23,800	G	NP
PCB-193	69782-91-8	ppt-TOC	55	48	87	21,200	1,000,000	12,200	103,000	70,500	71,600	130,000	128,000	48,900	54,000	NP	NP
PCB-194	35694-08-7	ppt-TOC	55	51	93	21,000	509,000	12,200	103,000	225,000	225,000	114,000	113,000	176,000	229,000	N	N
PCB-195	52663-78-2	ppt-TOC	55	49	89	17,600	161,000	12,200	103,000	73,800	74,400	35,100	34,100	63,000	70,900	N/G/Ln	N/Ln
PCB-197	33091-17-7	ppt-TOC	55	46	84	6,810	39,700	12,200	103,000	18,400	18,100	8,130	6,720	16,900	18,000	N/G/Ln	N/G/Ln
PCB-198	68194-17-2	ppt-TOC	55	27	49	8,980	492,000	12,200	103,000	53,300	54,000	102,000	101,000	23,200	16,100	NP	NP
PCB-199	52663-75-9	ppt-TOC	55	52	95	34,400	580,000	12,200	40,300	282,000	283,000	134,000	130,000	223,000	272,000	N	N
PCB-200	52663-73-7	ppt-TOC	55	52	95	9,180	66,000	12,200	40,500	34,200	34,400	13,600	13,200	31,000	33,400	N/G/Ln	N/Ln
PCB-201	40186-71-8	ppt-TOC	55	50	91	7,920	83,700	12,200	103,000	38,400	38,400	17,100	16,800	33,900	38,300	N/G/Ln	N
PCB-202	2136-99-4	ppt-TOC	55	52	95	7,360	206,000	12,200	40,500	66,700	66,700	32,700	32,400	56,400	71,000	NP	NP
PCB-205	74472-53-0	ppt-TOC	55	37	67	1,180	47,600	12,200	103,000	17,900	16,900	10,100	9,500	15,200	16,100	G	G
PCB-206	40186-72-9	ppt-TOC	55	51	93	54,300	825,000	12,200	103,000	221,000	223,000	130,000	125,000	177,000	190,000	G/Ln	NP
PCB-207	52663-79-3	ppt-TOC	55	51	93	7,120	69,100	12,200	103,000	32,400	32,200	13,800	13,400	29,100	30,800	N/G	N
PCB-208	52663-77-1	ppt-TOC	55	51	93	19,600	407,000	12,200	103,000	73,000	73,700	55,800	54,800	60,200	62,800	G/Ln	Ln
PCB-209	2051-24-3	ppt-TOC	55	52	95	6,830	673,000	12,200	103,000	214,000	214,000	141,000	140,000	163,000	170,000	G	NP
PCB-22	38444-85-8	ppt-TOC	55	44	80	174,000	2,330,000	12,200	103,000	661,000	692,000	579,000	541,000	312,000	477,000	Ln	N/Ln

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-25	55712-37-3	ppt-TOC	55	42	76	18,600	781,000	12,200	103,000	282,000	282,000	211,000	209,000	154,000	278,000	G	NP
PCB-26	38444-81-4	ppt-TOC	55	48	87	13,700	1,130,000	12,200	40,500	429,000	429,000	301,000	299,000	256,000	376,000	G	N
PCB-28	7012-37-5	ppt-TOC	55	50	91	9,720	6,230,000	20,400	40,500	1,980,000	1,980,000	1,510,000	1,500,000	998,000	1,640,000	NP	NP
PCB-29	15862-07-4	ppt-TOC	55	0	0	--	--	12,000	103,000	--	--	--	--	--	--	--	--
PCB-3	2051-62-9	ppt-TOC	55	1	2	246,000	246,000	12,000	103,000	18,900	--	31,900	--	14,400	13,100	--	--
PCB-30	35693-92-6	ppt-TOC	55	0	0	--	--	12,000	103,000	--	--	--	--	--	--	--	--
PCB-31	16606-02-3	ppt-TOC	55	50	91	6,940	6,370,000	20,400	40,300	1,690,000	1,690,000	1,390,000	1,380,000	837,000	1,330,000	NP	NP
PCB-37	38444-90-5	ppt-TOC	55	45	82	265,000	2,070,000	12,200	103,000	670,000	716,000	484,000	424,000	357,000	595,000	Ln	N
PCB-40	38444-93-8	ppt-TOC	55	41	75	114,000	1,060,000	12,200	103,000	323,000	347,000	285,000	257,000	160,000	251,000	G/Ln	NP
PCB-44	41464-39-5	ppt-TOC	55	53	96	9,440	7,400,000	22,100	40,500	2,970,000	2,970,000	2,020,000	2,010,000	1,750,000	2,390,000	NP	NP
PCB-45	70362-45-7	ppt-TOC	55	48	87	50,000	1,230,000	12,200	40,300	390,000	394,000	309,000	301,000	229,000	318,000	G/Ln	N/Ln
PCB-46	41464-47-5	ppt-TOC	55	24	44	42,900	536,000	12,000	103,000	120,000	135,000	150,000	137,000	45,200	20,300	N/G/Ln	NP
PCB-47	2437-79-8	ppt-TOC	55	50	91	10,300	1,790,000	20,400	40,300	643,000	643,000	415,000	411,000	396,000	599,000	N	N
PCB-50	62796-65-0	ppt-TOC	55	0	0	--	--	12,000	103,000	--	--	--	--	--	--	--	--
PCB-51	68194-04-7	ppt-TOC	55	43	78	30,900	254,000	12,200	103,000	89,300	92,700	64,500	60,100	63,700	74,400	G/Ln	N/Ln
PCB-53	41464-41-9	ppt-TOC	55	47	86	65,200	858,000	12,200	103,000	238,000	245,000	193,000	184,000	153,000	174,000	Ln	Ln
PCB-54	15968-05-5	ppt-TOC	55	5	9	19,600	69,000	12,200	103,000	18,800	22,700	13,800	10,900	16,000	13,300	N/G	NP
PCB-6	25569-80-6	ppt-TOC	55	24	44	6,210	323,000	12,200	103,000	67,100	62,400	76,400	78,900	34,100	19,300	N/G	NP
PCB-63	74472-34-7	ppt-TOC	55	41	75	38,500	468,000	12,200	103,000	123,000	129,000	99,900	93,000	78,000	116,000	G/Ln	NP
PCB-67	73575-53-8	ppt-TOC	55	24	44	74,600	290,000	12,200	103,000	68,000	101,000	70,700	48,300	37,900	21,000	G/Ln	NP
PCB-74	32690-93-0	ppt-TOC	55	50	91	9,170	3,110,000	20,400	40,300	922,000	922,000	702,000	696,000	514,000	780,000	NP	NP
PCB-77	32598-13-3	ppt-TOC	55	35	64	14,300	504,000	12,000	103,000	91,900	92,200	107,000	106,000	50,100	72,500	NP	NP
PCB-80	33284-52-5	ppt-TOC	55	1	2	240,000	240,000	12,000	103,000	19,200	--	31,200	--	14,700	13,300	--	--
PCB-81	70362-50-4	ppt-TOC	55	0	0	--	--	12,000	103,000	--	--	--	--	--	--	--	--
PCB-82	52663-62-4	ppt-TOC	55	47	86	78,800	900,000	12,200	103,000	248,000	257,000	185,000	173,000	165,000	205,000	Ln	Ln
PCB-83	60145-20-2	ppt-TOC	55	47	86	71,300	486,000	12,200	103,000	182,000	190,000	109,000	96,800	132,000	172,000	Ln	Ln
PCB-97	41464-51-1	ppt-TOC	55	49	89	75,000	1,840,000	12,200	40,500	584,000	591,000	395,000	382,000	367,000	516,000	G/Ln	N
PCB-99	38380-01-7	ppt-TOC	55	52	95	11,400	1,920,000	21,900	40,300	693,000	693,000	431,000	427,000	456,000	650,000	N	N
Total Congener PCBs (NOAA 1989)	No CAS	ppt-TOC	55	54	98	197,000	10,900,000	40,500	40,500	36,500,000	36,510,000	24,400,000	24,150,000	22,500,000	31,400,000	N	N

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Subsurface (>3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	61	60	98	372	133,000	1,010	1,010	17,900	17,900	19,400	19,300	9,910	15,800	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	61	60	98	97.0	45,600	23.0	23.0	10,700	10,700	9,150	9,080	5,240	9,250	NP	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	61	50	82	24.3	2,630	14.2	779	658	656	553	551	360	571	G	N
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	61	47	77	13.5	846	7.35	716	131	126	125	122	85.9	111	G	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	61	60	98	54.4	11,500	403	403	2,480	2,480	2,100	2,080	1,470	2,000	NP	NP
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	61	55	90	27.3	6,530	8.57	831	983	981	961	955	509	901	NP	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	61	59	97	18.2	3,050	79.3	380	689	688	542	539	445	627	NP	NP
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	61	56	92	24.5	3,810	34.2	713	547	546	533	530	345	522	NP	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	61	37	61	2.86	140	10.2	541	61.9	44.7	50.5	30.6	44.5	45.3	N/G	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	61	38	62	9.37	1,380	15.9	1,580	190	166	208	192	118	160	NP	Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	61	46	75	10.8	1,450	15.5	632	348	343	306	310	201	312	G	NP
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	61	53	87	14.9	1,820	28.2	867	403	401	348	348	250	354	NP	NP
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	61	49	80	58.0	2,150	7.77	637	530	533	449	443	295	461	G	N
2,3,7,8-TCDD	1746-01-6	ppt-TOC	61	58	95	6.76	21,300	13.5	289	4,110	4,110	4,680	4,650	1,120	2,440	NP	NP
2,3,7,8-TCDF	51207-31-9	ppt-TOC	61	58	95	14.5	5,880	118	788	769	769	824	818	497	594	G	NP
OCDD	3268-87-9	ppt-TOC	61	61	100	13,200	1,240,000	--	--	212,000	212,000	195,000	195,000	148,000	180,000	G	G
OCDF	39001-02-0	ppt-TOC	61	61	100	177	89,600	--	--	22,300	22,300	18,600	18,600	12,000	18,200	NP	NP
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	61	0	0	--	--	9,440	86,900	--	--	--	--	--	--	--	--
PCB-100	39485-83-1	ppt-TOC	61	20	33	11,500	95,100	9,440	68,600	18,300	19,300	13,100	12,200	15,700	14,600	NP	NP
PCB-104	56558-16-8	ppt-TOC	61	0	0	--	--	9,440	86,900	--	--	--	--	--	--	--	--
PCB-105	32598-14-4	ppt-TOC	61	53	87	18,600	2,940,000	9,440	38,700	733,000	734,000	616,000	610,000	355,000	643,000	NP	NP
PCB-11	2050-67-1	ppt-TOC	61	44	72	38,700	2,130,000	9,440	38,700	452,000	460,000	439,000	427,000	174,000	379,000	G	NP
PCB-110	38380-03-9	ppt-TOC	61	52	85	53,500	8,520,000	9,440	38,700	1,880,000	1,880,000	1,630,000	1,610,000	776,000	1,730,000	NP	NP
PCB-114	74472-37-0	ppt-TOC	61	14	23	6,150	142,000	9,440	86,900	32,300	26,700	39,900	41,800	18,700	12,700	N/G	NP
PCB-123	65510-44-3	ppt-TOC	61	50	82	36,600	1,020,000	9,440	38,700	222,000	227,000	184,000	177,000	130,000	204,000	G	NP
PCB-124	70424-70-3	ppt-TOC	61	44	72	44,700	382,000	9,440	51,900	96,100	105,000	75,100	65,200	60,600	89,800	G/Ln	NP
PCB-126	57465-28-8	ppt-TOC	61	2	3	28,700	64,000	9,440	86,900	14,400	--	9,580	--	12,600	11,800	--	--
PCB-127	39635-33-1	ppt-TOC	61	0	0	--	--	9,440	86,900	--	--	--	--	--	--	--	--
PCB-130	52663-66-8	ppt-TOC	61	49	80	23,900	487,000	9,440	46,700	109,000	111,000	84,600	81,300	72,800	99,800	G/Ln	N
PCB-131	61798-70-7	ppt-TOC	61	49	80	19,300	259,000	9,440	46,700	61,900	63,400	42,300	40,200	47,300	61,000	Ln	NP
PCB-135	52744-13-5	ppt-TOC	61	52	85	24,600	748,000	9,440	38,700	187,000	188,000	134,000	131,000	121,000	189,000	NP	N
PCB-136	38411-22-2	ppt-TOC	61	60	98	9,310	733,000	31,900	31,900	186,000	186,000	131,000	130,000	131,000	185,000	N	N
PCB-137	35694-06-5	ppt-TOC	61	49	80	9,860	326,000	9,440	46,700	85,700	85,500	62,400	62,100	59,400	83,800	G	N
PCB-140	59291-64-4	ppt-TOC	61	20	33	17,200	61,900	9,440	86,900	19,500	22,400	11,700	8,740	16,500	16,700	G/Ln	NP
PCB-141	52712-04-6	ppt-TOC	61	51	84	22,300	1,080,000	9,440	46,700	283,000	284,000	212,000	208,000	165,000	266,000	N/G/Ln	N
PCB-144	68194-14-9	ppt-TOC	61	52	85	21,200	344,000	9,440	38,700	87,400	88,900	59,400	57,000	64,700	84,200	G/Ln	N/Ln
PCB-15	2050-68-2	ppt-TOC	61	43	71	84,000	2,880,000	18,900	77,200	479,000	497,000	524,000	505,000	203,000	339,000	G/Ln	NP
PCB-151	52663-63-5	ppt-TOC	61	52	85	15,800	1,480,000	9,440	38,700	360,000	361,000	268,000	265,000	205,000	377,000	NP	N
PCB-153	35065-27-1	ppt-TOC	61	53	87	10,600	6,230,000	9,440	38,700	1,530,000	1,530,000	1,170,000	1,160,000	681,000	1,500,000	N	N

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-154	60145-22-4	ppt-TOC	61	48	79	13,100	138,000	9,440	46,700	34,100	35,300	21,400	20,300	28,600	32,700	Ln	Ln
PCB-155	33979-03-2	ppt-TOC	61	27	44	9,890	103,000	9,440	68,600	22,200	22,700	16,600	16,100	18,100	16,700	G/Ln	NP
PCB-156	38380-08-4	ppt-TOC	61	51	84	11,200	867,000	9,440	38,700	187,000	187,000	146,000	145,000	114,000	185,000	NP	NP
PCB-157	69782-90-7	ppt-TOC	61	45	74	12,700	180,000	9,440	68,600	44,200	44,900	29,800	29,100	34,500	45,200	G	N
PCB-166	41411-63-6	ppt-TOC	61	6	10	12,700	72,500	9,440	86,900	15,900	15,700	12,100	10,500	13,400	11,900	N/G/Ln	NP
PCB-167	52663-72-6	ppt-TOC	61	49	80	18,500	326,000	9,440	46,700	75,400	76,700	54,300	52,400	54,700	71,900	G	NP
PCB-169	32774-16-6	ppt-TOC	61	8	13	102,000	265,000	9,440	86,900	32,300	110,000	55,000	29,500	16,700	11,900	N/G/Ln	NP
PCB-17	37680-66-3	ppt-TOC	61	48	79	17,300	3,300,000	9,440	38,700	756,000	757,000	799,000	792,000	275,000	520,000	G	NP
PCB-170	35065-30-6	ppt-TOC	61	52	85	17,300	1,500,000	9,440	38,700	345,000	346,000	261,000	258,000	196,000	356,000	NP	NP
PCB-171	52663-71-5	ppt-TOC	61	51	84	21,600	430,000	9,440	38,700	102,000	104,000	72,700	70,100	72,000	102,000	G	N
PCB-172	52663-74-8	ppt-TOC	61	51	84	15,400	298,000	9,440	46,700	73,800	74,600	49,600	48,200	55,700	70,500	NP	N
PCB-173	68194-16-1	ppt-TOC	61	21	34	7,030	30,600	9,440	86,900	16,000	15,900	7,720	5,780	14,400	14,600	N/G/Ln	NP
PCB-174	38411-25-5	ppt-TOC	61	52	85	18,100	1,390,000	9,440	38,700	363,000	364,000	261,000	258,000	207,000	364,000	N	N
PCB-175	40186-70-7	ppt-TOC	61	49	80	6,570	107,000	9,440	64,900	24,400	24,800	14,800	14,500	21,100	23,100	Ln	Ln
PCB-176	52663-65-7	ppt-TOC	61	51	84	769	192,000	9,440	64,900	50,400	49,600	34,700	35,500	35,300	45,600	N	N
PCB-177	52663-70-4	ppt-TOC	61	52	85	9,230	962,000	9,440	38,700	233,000	233,000	171,000	169,000	140,000	247,000	N	N
PCB-178	52663-67-9	ppt-TOC	61	51	84	21,600	320,000	9,440	38,700	81,200	82,900	52,700	50,100	61,000	81,400	G/Ln	N
PCB-179	52663-64-6	ppt-TOC	61	53	87	7,310	662,000	9,440	38,700	170,000	170,000	122,000	121,000	107,000	166,000	N	N
PCB-18	37680-65-2	ppt-TOC	61	49	80	30,400	6,640,000	9,440	38,700	1,580,000	1,590,000	1,700,000	1,680,000	510,000	1,010,000	G	NP
PCB-180	35065-29-3	ppt-TOC	61	52	85	26,900	3,580,000	9,440	38,700	860,000	863,000	635,000	627,000	428,000	895,000	N	N
PCB-183	52663-69-1	ppt-TOC	61	52	85	8,460	1,030,000	9,440	38,700	247,000	247,000	182,000	180,000	148,000	245,000	N	N
PCB-184	74472-48-3	ppt-TOC	61	5	8	24,100	29,800	9,440	86,900	14,300	24,300	7,770	925	12,700	11,800	N/G/Ln	NP
PCB-185	52712-05-7	ppt-TOC	61	51	84	15,000	226,000	9,440	38,700	60,000	60,800	38,300	37,000	46,800	58,100	N/G/Ln	N/Ln
PCB-188	74487-85-7	ppt-TOC	61	18	30	3,410	29,100	9,440	86,900	15,200	12,700	8,040	7,540	13,400	11,900	N	NP
PCB-189	39635-31-9	ppt-TOC	61	24	39	8,040	62,100	9,440	86,900	20,000	19,700	13,100	12,900	16,500	13,900	N/G/Ln	NP
PCB-19	38444-73-4	ppt-TOC	61	28	46	66,300	631,000	9,440	68,600	128,000	157,000	163,000	142,000	45,300	23,400	Ln	NP
PCB-190	41411-64-7	ppt-TOC	61	50	82	24,200	384,000	9,440	46,700	90,500	92,700	62,900	59,800	65,500	94,400	G	N
PCB-191	74472-50-7	ppt-TOC	61	46	75	6,860	103,000	9,440	68,600	24,100	24,400	14,900	14,600	20,700	21,800	G/Ln	Ln
PCB-193	69782-91-8	ppt-TOC	61	51	84	13,000	200,000	9,440	46,700	51,300	52,000	32,600	31,600	40,900	50,000	G	NP
PCB-194	35694-08-7	ppt-TOC	61	51	84	10,800	1,010,000	9,440	46,700	234,000	233,000	171,000	170,000	142,000	247,000	NP	N
PCB-195	52663-78-2	ppt-TOC	61	50	82	7,980	310,000	9,440	46,700	74,900	74,300	50,900	51,200	54,700	74,900	NP	N
PCB-197	33091-17-7	ppt-TOC	61	47	77	3,900	52,500	9,440	68,600	16,000	15,900	7,930	7,480	14,400	15,000	G/Ln	Ln
PCB-198	68194-17-2	ppt-TOC	61	25	41	13,700	479,000	9,440	86,900	37,900	39,100	81,600	80,300	18,900	16,100	NP	NP
PCB-199	52663-75-9	ppt-TOC	61	52	85	19,200	1,090,000	9,440	46,700	288,000	289,000	190,000	187,000	180,000	302,000	NP	NP
PCB-200	52663-73-7	ppt-TOC	61	51	84	2,600	133,000	9,440	38,700	34,700	34,800	20,400	20,400	28,800	32,900	G	N/Ln
PCB-201	40186-71-8	ppt-TOC	61	49	80	4,230	139,000	9,440	64,900	38,200	38,400	22,000	22,000	31,700	35,400	G	Ln
PCB-202	2136-99-4	ppt-TOC	61	52	85	7,310	325,000	9,440	46,700	68,200	68,100	49,400	49,200	51,400	65,900	NP	NP
PCB-205	74472-53-0	ppt-TOC	61	38	62	1,120	90,200	9,440	68,600	18,300	17,500	13,200	13,300	14,900	16,700	G	NP
PCB-206	40186-72-9	ppt-TOC	61	52	85	10,400	1,230,000	9,440	46,700	213,000	213,000	178,000	177,000	133,000	210,000	NP	NP
PCB-207	52663-79-3	ppt-TOC	61	49	80	12,700	113,000	9,440	64,900	29,900	30,800	17,500	16,600	25,700	28,300	Ln	Ln
PCB-208	52663-77-1	ppt-TOC	61	51	84	1,880	532,000	9,440	64,900	70,700	69,700	71,100	71,500	49,500	65,000	NP	NP
PCB-209	2051-24-3	ppt-TOC	61	57	93	4,770	1,470,000	9,440	31,900	264,000	264,000	265,000	262,000	143,000	223,000	NP	NP
PCB-22	38444-85-8	ppt-TOC	61	44	72	70,700	4,030,000	9,440	38,700	815,000	831,000	871,000	849,000	252,000	601,000	G	NP

Table D-11
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-25	55712-37-3	ppt-TOC	61	40	66	57,700	1,580,000	9,440	46,700	316,000	331,000	321,000	304,000	120,000	255,000	G/Ln	NP
PCB-26	38444-81-4	ppt-TOC	61	50	82	24,200	2,160,000	9,440	38,700	490,000	492,000	449,000	443,000	232,000	390,000	G	NP
PCB-28	7012-37-5	ppt-TOC	61	48	79	38,100	12,000,000	9,440	38,700	2,370,000	2,370,000	2,510,000	2,480,000	676,000	1,880,000	G	NP
PCB-29	15862-07-4	ppt-TOC	61	0	0	--	--	9,440	86,900	--	--	--	--	--	--	--	--
PCB-3	2051-62-9	ppt-TOC	61	1	2	241,000	241,000	9,440	86,900	17,300	--	29,900	--	12,900	11,800	--	--
PCB-30	35693-92-6	ppt-TOC	61	0	0	--	--	9,440	86,900	--	--	--	--	--	--	--	--
PCB-31	16606-02-3	ppt-TOC	61	48	79	32,700	10,200,000	9,440	38,700	2,070,000	2,080,000	2,180,000	2,160,000	605,000	1,610,000	G	NP
PCB-37	38444-90-5	ppt-TOC	61	46	75	70,700	4,070,000	9,440	38,700	777,000	791,000	785,000	765,000	280,000	612,000	G	NP
PCB-40	38444-93-8	ppt-TOC	61	48	79	51,600	1,490,000	9,440	38,700	415,000	423,000	387,000	376,000	191,000	315,000	G/Ln	N
PCB-44	41464-39-5	ppt-TOC	61	55	90	71,500	13,100,000	9,440	38,700	3,400,000	3,410,000	2,700,000	2,670,000	1,560,000	3,180,000	G	N
PCB-45	70362-45-7	ppt-TOC	61	52	85	16,200	1,770,000	9,440	38,700	487,000	488,000	438,000	434,000	245,000	381,000	G/Ln	NP
PCB-46	41464-47-5	ppt-TOC	61	35	57	73,200	972,000	9,440	51,900	178,000	204,000	215,000	195,000	66,500	102,000	G/Ln	NP
PCB-47	2437-79-8	ppt-TOC	61	51	84	26,900	4,020,000	9,440	46,700	736,000	739,000	701,000	693,000	339,000	621,000	G/Ln	NP
PCB-50	62796-65-0	ppt-TOC	61	0	0	--	--	9,440	86,900	--	--	--	--	--	--	--	--
PCB-51	68194-04-7	ppt-TOC	61	41	67	9,860	516,000	9,440	46,700	110,000	109,000	112,000	112,000	58,200	82,400	NP	NP
PCB-53	41464-41-9	ppt-TOC	61	46	75	37,100	1,360,000	9,440	38,700	307,000	313,000	314,000	305,000	136,000	223,000	G/Ln	NP
PCB-54	15968-05-5	ppt-TOC	61	6	10	3,590	44,800	9,440	86,900	14,400	8,020	8,810	9,000	12,500	11,500	N/G/Ln	NP
PCB-6	25569-80-6	ppt-TOC	61	22	36	50,200	373,000	9,440	86,900	73,200	96,300	96,800	82,100	31,000	16,700	G/Ln	NP
PCB-63	74472-34-7	ppt-TOC	61	46	75	44,000	677,000	9,440	38,700	168,000	176,000	146,000	137,000	93,300	140,000	Ln	NP
PCB-67	73575-53-8	ppt-TOC	61	35	57	61,000	605,000	9,440	51,900	112,000	132,000	121,000	105,000	52,600	87,500	G/Ln	NP
PCB-74	32690-93-0	ppt-TOC	61	52	85	25,000	4,950,000	9,440	38,700	1,190,000	1,190,000	1,160,000	1,150,000	480,000	908,000	G	NP
PCB-77	32598-13-3	ppt-TOC	61	39	64	23,000	872,000	9,440	38,700	147,000	151,000	206,000	202,000	57,200	73,400	Ln	NP
PCB-80	33284-52-5	ppt-TOC	61	2	3	154,000	208,000	9,440	86,900	18,900	--	31,300	--	13,300	11,500	--	--
PCB-81	70362-50-4	ppt-TOC	61	3	5	95,900	161,000	9,440	86,900	19,600	--	28,600	--	13,800	11,900	--	--
PCB-82	52663-62-4	ppt-TOC	61	50	82	40,800	1,130,000	9,440	46,700	304,000	309,000	248,000	240,000	170,000	268,000	G/Ln	NP
PCB-83	60145-20-2	ppt-TOC	61	50	82	39,400	925,000	9,440	38,700	212,000	217,000	175,000	168,000	125,000	195,000	G/Ln	N
PCB-97	41464-51-1	ppt-TOC	61	52	85	26,900	2,830,000	9,440	38,700	705,000	707,000	581,000	574,000	344,000	627,000	NP	NP
PCB-99	38380-01-7	ppt-TOC	61	52	85	27,300	3,480,000	9,440	38,700	818,000	821,000	673,000	665,000	391,000	739,000	NP	NP
Total Congener PCBs (NOAA 1989)	No CAS	ppt-TOC	61	59	97	122,000	18,400,000	9,440	32,100	43,500,000	43,460,000	37,200,000	36,880,000	17,300,000	35,900,000	NP	NP

Table D-11
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	22	22	100	25.7	1,270	--	--	123	123	258	258	71.3	61.9	--	--
Arsenic	7440-38-2	ppm-Al	22	22	100	651	3,940	--	--	1,520	1,520	917	917	1,310	1,250	--	--
Barium	7440-39-3	ppm-Al	22	22	100	5,240	36,300	--	--	15,600	15,600	8,280	8,280	13,700	12,400	--	--
Beryllium	7440-41-7	ppm-Al	22	22	100	55.0	125	--	--	70.4	70.4	13.7	13.7	69.4	70.2	--	--
Cadmium	7440-43-9	ppm-Al	22	22	100	53.7	874	--	--	309	309	258	258	227	170	--	--
Calcium	7440-70-2	ppm-Al	22	22	100	265,000	2,280,000	--	--	626,000	626,000	437,000	437,000	542,000	467,000	--	--
Chromium	7440-47-3	ppm-Al	22	22	100	4,710	24,700	--	--	11,200	11,200	5,920	5,920	9,880	8,960	--	--
Cobalt	7440-48-4	ppm-Al	22	22	100	618	1,080	--	--	802	802	115	115	794	801	--	--
Copper	7440-50-8	ppm-Al	22	22	100	5,760	38,300	--	--	16,900	16,900	11,000	11,000	14,100	12,700	--	--
Iron	7439-89-6	ppm-Al	22	22	100	1,790,000	2,710,000	--	--	2,170,000	2,170,000	169,000	169,000	2,160,000	2,140,000	--	--
Lead	7439-92-1	ppm-Al	22	22	100	6,780	28,900	--	--	14,800	14,800	6,910	6,910	13,300	13,000	--	--
Magnesium	7439-95-4	ppm-Al	22	22	100	431,000	700,000	--	--	591,000	591,000	62,100	62,100	588,000	599,000	--	--
Manganese	7439-96-5	ppm-Al	22	22	100	18,300	59,200	--	--	29,900	29,900	8,110	8,110	29,100	28,900	--	--
Mercury	7439-97-6	ppm-Al	22	22	100	94.0	1,410	--	--	466	466	383	383	348	285	--	--
Nickel	7440-02-0	ppm-Al	22	22	100	1,850	4,130	--	--	2,940	2,940	636	636	2,880	2,830	--	--
Potassium	7440-09-7	ppm-Al	22	22	100	118,000	244,000	--	--	207,000	207,000	25,200	25,200	205,000	207,000	--	--
Selenium	7782-49-2	ppm-Al	22	22	100	61.5	352	--	--	144	144	80.6	80.6	125	128	--	--
Silver	7440-22-4	ppm-Al	22	22	100	51.3	648	--	--	259	259	157	157	218	214	--	--
Sodium	7440-23-5	ppm-Al	22	22	100	334,000	843,000	--	--	616,000	616,000	135,000	135,000	600,000	617,000	--	--
Thallium	7440-28-0	ppm-Al	22	22	100	11.8	30.0	--	--	20.2	20.2	5.0	5.0	19.6	19.5	--	--
Titanium	7440-32-6	ppm-Al	22	22	100	24,200	35,000	--	--	28,500	28,500	2,870	2,870	28,400	29,200	--	--
Vanadium	7440-62-2	ppm-Al	22	22	100	2,480	4,790	--	--	3,330	3,330	653	653	3,280	3,160	--	--
Zinc	7440-66-6	ppm-Al	22	22	100	10,000	41,600	--	--	21,700	21,700	10,500	10,500	19,600	18,800	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	56	56	100	6.6	680	--	--	109	109	103	103	78.8	87.9	--	--
Arsenic	7440-38-2	ppm-Al	56	56	100	563	7,710	--	--	2,420	2,420	1,920	1,920	1,830	1,570	--	--
Barium	7440-39-3	ppm-Al	56	56	100	1,490	56,300	--	--	20,600	20,600	14,200	14,200	16,100	13,900	--	--
Beryllium	7440-41-7	ppm-Al	56	56	100	59.2	96.8	--	--	69.8	69.8	7.4	7.4	69.5	68.6	--	--
Cadmium	7440-43-9	ppm-Al	56	56	100	10.4	1,570	--	--	544	544	451	451	344	261	--	--
Calcium	7440-70-2	ppm-Al	56	56	100	57,700	853,000	--	--	426,000	426,000	143,000	143,000	399,000	402,000	--	--
Chromium	7440-47-3	ppm-Al	56	56	100	2,590	68,000	--	--	18,200	18,200	13,300	13,300	14,100	12,600	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Cobalt	7440-48-4	ppm-Al	56	56	100	653	1,230	--	--	795	795	102	102	789	777	--	--
Copper	7440-50-8	ppm-Al	56	56	100	1,050	73,200	--	--	27,200	27,200	19,900	19,900	18,700	20,800	--	--
Iron	7439-89-6	ppm-Al	56	56	100	1,880,000	4,400,000	--	--	2,220,000	2,220,000	428,000	428,000	2,190,000	2,110,000	--	--
Lead	7439-92-1	ppm-Al	56	56	100	830	56,000	--	--	21,200	21,200	13,800	13,800	15,700	18,200	--	--
Magnesium	7439-95-4	ppm-Al	56	56	100	372,000	729,000	--	--	555,000	555,000	61,500	61,500	552,000	546,000	--	--
Manganese	7439-96-5	ppm-Al	56	56	100	14,100	40,700	--	--	26,300	26,300	5,030	5,030	25,900	25,700	--	--
Mercury	7439-97-6	ppm-Al	56	56	100	2.9	3,160	--	--	787	787	709	709	437	436	--	--
Nickel	7440-02-0	ppm-Al	56	56	100	1,740	5,100	--	--	3,210	3,210	839	839	3,100	3,150	--	--
Potassium	7440-09-7	ppm-Al	56	56	100	157,000	233,000	--	--	196,000	196,000	15,100	15,100	196,000	193,000	--	--
Selenium	7782-49-2	ppm-Al	56	56	100	27.0	589	--	--	211	211	141	141	167	161	--	--
Silver	7440-22-4	ppm-Al	56	56	100	4.3	870	--	--	372	372	226	226	262	311	--	--
Sodium	7440-23-5	ppm-Al	56	56	100	182,000	788,000	--	--	564,000	564,000	116,000	116,000	549,000	556,000	--	--
Thallium	7440-28-0	ppm-Al	56	56	100	7.9	41.2	--	--	23.0	23.0	7.2	7.2	21.9	21.4	--	--
Titanium	7440-32-6	ppm-Al	56	56	100	22,000	33,800	--	--	27,900	27,900	2,840	2,840	27,800	27,400	--	--
Vanadium	7440-62-2	ppm-Al	56	56	100	2,550	4,590	--	--	3,450	3,450	608	608	3,400	3,250	--	--
Zinc	7440-66-6	ppm-Al	56	56	100	4,650	62,500	--	--	29,500	29,500	16,600	16,600	24,500	25,100	--	--
Subsurface (>3.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	64	64	100	7.3	8,860	--	--	398	398	1,290	1,290	110	97.8	--	--
Arsenic	7440-38-2	ppm-Al	64	64	100	197	16,100	--	--	3,470	3,470	2,980	2,980	2,370	2,260	--	--
Barium	7440-39-3	ppm-Al	64	64	100	2,570	90,700	--	--	21,300	21,300	20,800	20,800	14,300	13,800	--	--
Beryllium	7440-41-7	ppm-Al	64	64	100	53.3	93.2	--	--	68.2	68.2	7.4	7.4	67.8	67.9	--	--
Cadmium	7440-43-9	ppm-Al	64	64	100	8.0	1,840	--	--	567	567	482	482	320	413	--	--
Calcium	7440-70-2	ppm-Al	64	64	100	41,500	1,110,000	--	--	402,000	402,000	178,000	178,000	359,000	404,000	--	--
Chromium	7440-47-3	ppm-Al	64	64	100	2,230	49,100	--	--	18,900	18,900	13,100	13,100	14,300	15,100	--	--
Cobalt	7440-48-4	ppm-Al	64	64	100	620	1,620	--	--	805	805	156	156	794	784	--	--
Copper	7440-50-8	ppm-Al	64	64	100	873	73,700	--	--	26,700	26,700	19,600	19,600	18,100	21,000	--	--
Iron	7439-89-6	ppm-Al	64	64	100	1,680,000	2,570,000	--	--	2,090,000	2,090,000	162,000	162,000	2,080,000	2,070,000	--	--
Lead	7439-92-1	ppm-Al	64	64	100	981	65,800	--	--	21,700	21,700	14,500	14,500	15,700	19,300	--	--
Magnesium	7439-95-4	ppm-Al	64	64	100	353,000	670,000	--	--	511,000	511,000	57,700	57,700	507,000	507,000	--	--
Manganese	7439-96-5	ppm-Al	64	64	100	11,200	45,100	--	--	24,500	24,500	5,720	5,720	23,800	24,100	--	--
Mercury	7439-97-6	ppm-Al	64	63	98	5.3	3,640	5.1	5.1	783	--	702	--	449	573	--	--
Nickel	7440-02-0	ppm-Al	64	64	100	1,470	7,120	--	--	3,210	3,210	1,050	1,050	3,060	2,980	--	--
Potassium	7440-09-7	ppm-Al	64	64	100	135,000	212,000	--	--	180,000	180,000	15,900	15,900	180,000	186,000	--	--

Table D-11
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Selenium	7782-49-2	ppm-Al	64	64	100	29.6	638	--	--	212	212	144	144	167	174	--	--
Silver	7440-22-4	ppm-Al	64	64	100	1.8	731	--	--	321	321	204	204	206	334	--	--
Sodium	7440-23-5	ppm-Al	64	64	100	125,000	638,000	--	--	454,000	454,000	106,000	106,000	439,000	482,000	--	--
Titanium	7440-32-6	ppm-Al	64	64	100	17,600	34,100	--	--	25,400	25,400	3,010	3,010	25,200	25,600	--	--
Zinc	7440-66-6	ppm	64	64	100	3,460	76,800	--	--	29,700	29,700	17,300	17,300	23,800	26,000	--	--

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Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	22	22	100	369,000	558,000	--	--	464,000	464,000	34,500	34,500	462,000	468,000	NP	NP
Antimony	7440-36-0	ppm-Fe	22	22	100	11.6	603	--	--	57.6	57.6	123	123	33.0	30.0	NP	NP
Arsenic	7440-38-2	ppm-Fe	22	22	100	328	1,770	--	--	699	699	418	418	606	520	G	G
Barium	7440-39-3	ppm-Fe	22	22	100	2,640	16,200	--	--	7,150	7,150	3,710	3,710	6,350	5,790	G/Ln	G/Ln
Beryllium	7440-41-7	ppm-Fe	22	22	100	26.4	55.8	--	--	32.5	32.5	5.9	5.9	32.1	31.7	NP	NP
Cadmium	7440-43-9	ppm-Fe	22	22	100	27.0	392	--	--	143	143	119	119	105	83.1	Ln	Ln
Calcium	7440-70-2	ppm-Fe	22	22	100	125,000	1,090,000	--	--	289,000	289,000	206,000	206,000	251,000	224,000	G/Ln	G/Ln
Chromium	7440-47-3	ppm-Fe	22	22	100	2,370	11,100	--	--	5,170	5,170	2,740	2,740	4,570	4,220	G/Ln	G/Ln
Cobalt	7440-48-4	ppm-Fe	22	22	100	309	417	--	--	368	368	32.3	32.3	367	368	N/G/Ln	N/G/Ln
Copper	7440-50-8	ppm-Fe	22	22	100	2,720	18,000	--	--	7,810	7,810	5,070	5,070	6,500	5,940	G/Ln	G/Ln
Lead	7439-92-1	ppm-Fe	22	22	100	2,610	13,600	--	--	6,860	6,860	3,220	3,220	6,160	5,910	N/G/Ln	N/G/Ln
Magnesium	7439-95-4	ppm-Fe	22	22	100	205,000	325,000	--	--	274,000	274,000	29,300	29,300	272,000	278,000	N/G	N/G
Manganese	7439-96-5	ppm-Fe	22	22	100	8,690	21,800	--	--	13,700	13,700	2,700	2,700	13,400	13,400	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm-Fe	22	22	100	47.3	631	--	--	216	216	176	176	161	135	G/Ln	G/Ln
Nickel	7440-02-0	ppm-Fe	22	22	100	783	1,850	--	--	1,360	1,360	292	292	1,330	1,310	N/G/Ln	N/G/Ln
Potassium	7440-09-7	ppm-Fe	22	22	100	56,200	115,000	--	--	95,500	95,500	11,800	11,800	94,700	96,200	NP	NP
Selenium	7782-49-2	ppm-Fe	22	22	100	29.2	166	--	--	66.4	66.4	37.5	37.5	57.9	58.5	G/Ln	G/Ln
Silver	7440-22-4	ppm-Fe	22	22	100	24.3	305	--	--	120	120	74.1	74.1	101	102	G/Ln	G/Ln
Sodium	7440-23-5	ppm-Fe	22	22	100	144,000	402,000	--	--	286,000	286,000	67,000	67,000	278,000	284,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Fe	22	22	100	5.6	14.2	--	--	9.3	9.3	2.2	2.2	9.0	8.8	N/G/Ln	N/G/Ln
Titanium	7440-32-6	ppm-Fe	22	22	100	11,200	16,700	--	--	13,200	13,200	1,300	1,300	13,100	13,200	N/G/Ln	N/G/Ln
Vanadium	7440-62-2	ppm-Fe	22	22	100	1,210	2,150	--	--	1,540	1,540	303	303	1,520	1,420	NP	NP
Zinc	7440-66-6	ppm-Fe	22	22	100	3,980	19,800	--	--	10,000	10,000	4,850	4,850	9,040	8,470	G/Ln	G/Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	56	56	100	227,000	533,000	--	--	461,000	461,000	53,600	53,600	457,000	475,000	NP	NP
Antimony	7440-36-0	ppm-Fe	56	56	100	1.6	337	--	--	51.4	51.4	49.5	49.5	36.0	39.6	G	G
Arsenic	7440-38-2	ppm-Fe	56	56	100	145	3,260	--	--	1,120	1,120	887	887	834	663	NP	NP
Barium	7440-39-3	ppm-Fe	56	56	100	606	27,900	--	--	9,610	9,610	6,680	6,680	7,340	6,720	NP	NP
Beryllium	7440-41-7	ppm-Fe	56	56	100	17.2	39.5	--	--	32.0	32.0	4.0	4.0	31.7	32.1	NP	NP

Table D-11
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Cadmium	7440-43-9	ppm-Fe	56	56	100	4.2	705	--	--	255	255	210	210	157	126	NP	NP
Calcium	7440-70-2	ppm-Fe	56	56	100	23,500	425,000	--	--	198,000	198,000	71,000	71,000	182,000	187,000	NP	NP
Chromium	7440-47-3	ppm-Fe	56	56	100	617	31,300	--	--	8,470	8,470	6,100	6,100	6,450	6,060	NP	NP
Cobalt	7440-48-4	ppm-Fe	56	56	100	231	455	--	--	363	363	41.1	41.1	360	362	N	N
Copper	7440-50-8	ppm-Fe	56	56	100	239	33,700	--	--	12,700	12,700	9,200	9,200	8,550	9,630	G	G
Lead	7439-92-1	ppm-Fe	56	56	100	198	23,600	--	--	9,880	9,880	6,270	6,270	7,170	8,430	NP	NP
Magnesium	7439-95-4	ppm-Fe	56	56	100	116,000	325,000	--	--	256,000	256,000	40,800	40,800	252,000	260,000	NP	NP
Manganese	7439-96-5	ppm-Fe	56	56	100	5,280	19,800	--	--	12,100	12,100	2,730	2,730	11,800	12,300	NP	NP
Mercury	7439-97-6	ppm-Fe	56	56	100	1.1	1,590	--	--	371	371	340	340	200	207	NP	NP
Nickel	7440-02-0	ppm-Fe	56	56	100	416	2,360	--	--	1,490	1,490	420	420	1,420	1,440	N	N
Potassium	7440-09-7	ppm-Fe	56	56	100	42,900	112,000	--	--	90,400	90,400	11,700	11,700	89,400	91,800	NP	NP
Selenium	7782-49-2	ppm-Fe	56	56	100	11.0	286	--	--	98.2	98.2	66.5	66.5	76.4	74.7	G/Ln	G/Ln
Silver	7440-22-4	ppm-Fe	56	56	100	1.3	390	--	--	175	175	105	105	120	144	NP	NP
Sodium	7440-23-5	ppm-Fe	56	56	100	74,100	374,000	--	--	260,000	260,000	61,000	61,000	251,000	268,000	NP	NP
Thallium	7440-28-0	ppm-Fe	56	56	100	3.0	18.3	--	--	10.6	10.6	3.5	3.5	10.0	10.1	N/G	N/G
Titanium	7440-32-6	ppm-Fe	56	56	100	6,600	15,900	--	--	12,800	12,800	1,560	1,560	12,700	12,900	NP	NP
Vanadium	7440-62-2	ppm-Fe	56	56	100	927	2,230	--	--	1,580	1,580	307	307	1,550	1,490	G/Ln	G/Ln
Zinc	7440-66-6	ppm-Fe	56	56	100	1,060	27,500	--	--	13,800	13,800	7,670	7,670	11,200	11,900	G	G
Subsurface (>3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	64	64	100	390,000	594,000	--	--	482,000	482,000	36,100	36,100	481,000	483,000	N/G/Ln	N/G/Ln
Antimony	7440-36-0	ppm-Fe	64	64	100	3.0	3,450	--	--	171	171	515	515	52.7	49.2	Ln	Ln
Arsenic	7440-38-2	ppm-Fe	64	64	100	100	6,940	--	--	1,630	1,630	1,330	1,330	1,140	1,110	NP	NP
Barium	7440-39-3	ppm-Fe	64	64	100	1,020	46,500	--	--	10,200	10,200	10,100	10,100	6,900	6,670	Ln	Ln
Beryllium	7440-41-7	ppm-Fe	64	64	100	22.8	42.6	--	--	32.8	32.8	3.9	3.9	32.6	33.0	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Fe	64	64	100	3.4	919	--	--	274	274	235	235	154	196	G	G
Calcium	7440-70-2	ppm-Fe	64	64	100	17,300	511,000	--	--	194,000	194,000	87,700	87,700	172,000	195,000	G	G
Chromium	7440-47-3	ppm-Fe	64	64	100	1,100	23,800	--	--	9,080	9,080	6,240	6,240	6,860	6,950	G/Ln	G/Ln
Cobalt	7440-48-4	ppm-Fe	64	64	100	266	835	--	--	389	389	88.6	88.6	382	376	NP	NP
Copper	7440-50-8	ppm-Fe	64	64	100	481	32,500	--	--	12,800	12,800	9,220	9,220	8,710	10,100	G	G
Lead	7439-92-1	ppm-Fe	64	64	100	409	29,000	--	--	10,300	10,300	6,590	6,590	7,530	9,220	N/G	N/G
Magnesium	7439-95-4	ppm-Fe	64	64	100	182,000	324,000	--	--	246,000	246,000	33,600	33,600	244,000	246,000	N/G/Ln	N/G/Ln

Table D-11
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Manganese	7439-96-5	ppm-Fe	64	64	100	4,660	20,800	--	--	11,800	11,800	2,910	2,910	11,400	11,600	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm-Fe	64	63	98	2.7	1,820	2.2	2.2	380	380	351	348	216	285	G	NP
Nickel	7440-02-0	ppm-Fe	64	64	100	680	3,560	--	--	1,550	1,550	521	521	1,470	1,430	G/Ln	G/Ln
Potassium	7440-09-7	ppm-Fe	64	64	100	52,500	108,000	--	--	87,000	87,000	9,900	9,900	86,300	88,800	NP	NP
Selenium	7782-49-2	ppm-Fe	64	64	100	15.0	290	--	--	101	101	66.6	66.6	80.1	83.9	G/Ln	G/Ln
Silver	7440-22-4	ppm-Fe	64	64	100	0.74	365	--	--	155	155	100	100	99.2	157	N	N
Sodium	7440-23-5	ppm-Fe	64	64	100	52,000	321,000	--	--	219,000	219,000	52,500	52,500	211,000	229,000	NP	NP
Thallium	7440-28-0	ppm-Fe	64	64	100	3.6	19.9	--	--	11.0	11.0	4.1	4.1	10.2	10.5	N/G/Ln	N/G/Ln
Titanium	7440-32-6	ppm-Fe	64	64	100	8,670	15,200	--	--	12,200	12,200	1,480	1,480	12,100	12,500	N/G	N/G
Vanadium	7440-62-2	ppm-Fe	64	64	100	980	2,770	--	--	1,600	1,600	342	342	1,570	1,540	G/Ln	G/Ln
Zinc	7440-66-6	ppm-Fe	64	64	100	1,910	38,400	--	--	14,300	14,300	8,370	8,370	11,500	13,000	N/G	N/G

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Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb-TOC	22	0	0	--	--	730	1,400,000	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb-TOC	22	0	0	--	--	730	1,400,000	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb-TOC	22	0	0	--	--	730	1,400,000	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb-TOC	22	1	5	8,600	8,600	730	1,400,000	33,000	--	150,000	--	1,200	800	--	--
Aroclor-1248	12672-29-6	ppb-TOC	22	21	96	7,900	69,000,000	940	940	3,200,000	3,160,000	15,000,000	14,370,000	26,000	20,000	NP	NP
Aroclor-1254	11097-69-1	ppb-TOC	22	0	0	--	--	730	1,400,000	--	--	--	--	--	--	--	--
Aroclor-1260	11096-82-5	ppb-TOC	22	0	0	--	--	730	1,400,000	--	--	--	--	--	--	--	--
Aroclor-1262	37324-23-5	ppb-TOC	22	0	0	--	--	730	1,400,000	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb-TOC	22	0	0	--	--	730	1,400,000	--	--	--	--	--	--	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb-TOC	22	22	100	7,900	69,000,000	--	--	3,200,000	3,200,000	15,000,000	15,000,000	30,000	20,000	NP	NP
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb-TOC	22	22	100	7,900	69,000,000	--	--	3,200,000	3,200,000	15,000,000	15,000,000	30,000	20,000	NP	NP
Pesticides																	
4,4'-DDD	72-54-8	ppb-TOC	22	22	100	760	5,400	--	--	2,200	2,200	1,300	1,300	1,800	1,600	G/Ln	G/Ln
4,4'-DDE	72-55-9	ppb-TOC	22	22	100	760	26,000	--	--	5,500	5,500	6,900	6,900	3,300	2,400	NP	NP
4,4'-DDT	50-29-3	ppb-TOC	22	12	55	450	11,000	180	1,500	1,800	1,900	2,500	2,400	770	680	G/Ln	NP
Aldrin	309-00-2	ppb-TOC	22	0	0	--	--	94	800	--	--	--	--	--	--	--	--
Alpha-BHC	319-84-6	ppb-TOC	22	0	0	--	--	94	800	--	--	--	--	--	--	--	--
Alpha-Chlordane	5103-71-9	ppb-TOC	22	1	5	540	540	94	800	180	--	140	--	130	93	--	--
Beta-BHC	319-85-7	ppb-TOC	22	0	0	--	--	94	800	--	--	--	--	--	--	--	--
Delta-BHC	319-86-8	ppb-TOC	22	0	0	--	--	94	800	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb-TOC	22	0	0	--	--	180	1,600	--	--	--	--	--	--	--	--
Endosulfan I	959-98-8	ppb-TOC	22	0	0	--	--	94	800	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb-TOC	22	0	0	--	--	180	1,600	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb-TOC	22	1	5	160	160	180	1,600	300	--	230	--	230	170	--	--
Endrin	72-20-8	ppb-TOC	22	0	0	--	--	180	1,600	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb-TOC	22	0	0	--	--	180	1,600	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb-TOC	22	0	0	--	--	180	1,600	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	22	0	0	--	--	94	800	--	--	--	--	--	--	--	--
Gamma-Chlordane	5566-34-7	ppb-TOC	22	1	5	1,900	1,900	94	800	240	--	390	--	140	93	--	--
Heptachlor	76-44-8	ppb-TOC	22	1	5	1,500	1,500	94	800	220	--	310	--	140	93	--	--
Heptachlor Epoxide	1024-57-3	ppb-TOC	22	0	0	--	--	94	800	--	--	--	--	--	--	--	--
Methoxychlor	72-43-5	ppb-TOC	22	0	0	--	--	940	8,000	--	--	--	--	--	--	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb-TOC	22	1	5	2,500	2,500	94	800	260	--	510	--	140	93	--	--
Total DDT (4,4)	No CAS	ppb-TOC	22	22	100	1,500	31,000	--	--	9,300	9,300	9,200	9,200	6,400	5,500	G/Ln	G/Ln

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Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Toxaphene	8001-35-2	ppb-TOC	22	0	0	--	--	1,800	16,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	22	10	46	440	4,200	19,000	66,000	9,400	1,600	9,400	1,100	4,800	9,800	N/G/Ln	G/Ln
1,2-Dichlorobenzene	95-50-1	ppb-TOC	22	4	18	980	2,800	13,000	66,000	12,000	--	8,000	--	9,000	11,000	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	22	4	18	1,000	3,800	13,000	66,000	13,000	--	8,400	--	9,400	12,000	--	--
1,4-Dichlorobenzene	106-46-7	ppb-TOC	22	16	73	860	10,000	21,000	66,000	7,600	3,000	9,200	2,300	4,200	2,900	G/Ln	NP
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	22	0	0	--	--	76,000	410,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	22	21	96	1,200	43,000	21,000	21,000	6,300	6,000	9,200	9,000	3,800	3,000	NP	NP
2-Methylphenol	95-48-7	ppb-TOC	22	1	5	1,300	1,300	13,000	66,000	13,000	--	7,500	--	12,000	12,000	--	--
2-Nitroaniline	88-74-4	ppb-TOC	22	0	0	--	--	76,000	410,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	22	2	9	3,200	6,200	76,000	410,000	79,000	--	48,000	--	60,000	68,000	--	--
3-Nitroaniline	99-09-2	ppb-TOC	22	0	0	--	--	76,000	410,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	22	0	0	--	--	76,000	410,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	22	10	46	1,200	7,400	13,000	62,000	9,600	3,800	7,500	1,900	7,000	8,200	N/G/Ln	N/Ln
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	22	17	77	990	4,700	26,000	66,000	7,000	2,500	9,500	970	3,800	2,600	N/G/Ln	N/G/Ln
4-Nitroaniline	100-01-6	ppb-TOC	22	0	0	--	--	76,000	410,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	22	0	0	--	--	76,000	410,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	22	19	86	1,100	20,000	21,000	62,000	6,900	4,800	8,000	5,400	3,900	2,800	NP	G
Acenaphthylene	208-96-8	ppb-TOC	22	20	91	2,300	16,000	21,000	62,000	7,100	5,700	6,300	3,300	5,600	4,600	G/Ln	G/Ln
Anthracene	120-12-7	ppb-TOC	22	22	100	3,000	97,000	--	--	20,000	20,000	25,000	25,000	13,000	11,000	NP	NP
Benzo(a)anthracene	56-55-3	ppb-TOC	22	22	100	7,000	150,000	--	--	32,000	32,000	30,000	30,000	25,000	23,000	G/Ln	G/Ln
Benzo(a)pyrene	50-32-8	ppb-TOC	22	22	100	7,600	82,000	--	--	29,000	29,000	15,000	15,000	25,000	27,000	G/Ln	G/Ln
Benzo(b)fluoranthene	205-99-2	ppb-TOC	22	22	100	8,800	110,000	--	--	35,000	35,000	21,000	21,000	30,000	33,000	G/Ln	G/Ln
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	22	22	100	5,800	36,000	--	--	18,000	18,000	8,000	8,000	16,000	18,000	N/G/Ln	N/G/Ln

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Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Benzo(k)fluoranthene	207-08-9	ppb-TOC	22	22	100	2,800	29,000	--	--	12,000	12,000	6,100	6,100	10,000	11,000	N/G/Ln	N/G/Ln
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	22	22	100	12,000	970,000	--	--	210,000	210,000	250,000	250,000	120,000	110,000	G/Ln	G/Ln
Butyl benzyl phthalate	85-68-7	ppb-TOC	22	9	41	1,500	17,000	14,000	66,000	11,000	4,700	8,800	4,600	7,600	9,500	G/Ln	G
Carbazole	86-74-8	ppb-TOC	22	17	77	880	7,800	18,000	62,000	5,900	2,700	7,600	1,800	3,400	3,000	G/Ln	G/Ln
Chrysene	218-01-9	ppb-TOC	22	22	100	7,900	120,000	--	--	33,000	33,000	25,000	25,000	27,000	26,000	G/Ln	G/Ln
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	22	20	91	2,500	11,000	21,000	62,000	6,100	4,700	6,000	2,000	4,900	4,600	G/Ln	G/Ln
Dibenzofuran	132-64-9	ppb-TOC	22	16	73	1,000	9,300	18,000	62,000	6,300	2,800	7,300	2,200	3,800	3,000	G/Ln	G/Ln
Diethyl phthalate	84-66-2	ppb-TOC	22	1	5	1,400	1,400	13,000	66,000	13,000	--	7,500	--	12,000	12,000	--	--
Dimethylphthalate	131-11-3	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	22	10	46	1,000	3,400	14,000	66,000	9,500	1,600	9,700	680	5,200	8,000	G/Ln	NP
Di-n-Octylphthalate	117-84-0	ppb-TOC	22	1	5	1,500	1,500	14,000	66,000	14,000	--	7,300	--	12,000	12,000	--	--
Fluoranthene	206-44-0	ppb-TOC	22	22	100	9,800	390,000	--	--	63,000	63,000	85,000	85,000	41,000	41,000	Ln	Ln
Fluorene	86-73-7	ppb-TOC	22	19	86	2,000	31,000	21,000	62,000	7,700	5,700	8,700	6,700	4,900	3,600	NP	NP
Hexachlorobenzene	118-74-1	ppb-TOC	22	1	5	2,300	2,300	13,000	66,000	14,000	--	7,400	--	12,000	12,000	--	--
Hexachlorobutadiene	87-68-3	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	22	22	100	5,800	41,000	--	--	18,000	18,000	8,400	8,400	16,000	17,000	N/G/Ln	N/G/Ln
Isophorone	78-59-1	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb-TOC	22	22	100	1,300	23,000	--	--	6,200	6,200	4,700	4,700	5,000	4,900	G/Ln	G/Ln
Nitrobenzene	98-95-3	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	22	0	0	--	--	13,000	66,000	--	--	--	--	--	--	--	--
Pentachlorophenol	87-86-5	ppb-TOC	22	0	0	--	--	76,000	410,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb-TOC	22	22	100	4,600	150,000	--	--	26,000	26,000	35,000	35,000	17,000	13,000	NP	NP
Phenol	108-95-2	ppb-TOC	22	1	5	5,700	5,700	13,000	66,000	14,000	--	7,200	--	12,000	12,000	--	--
Pyrene	129-00-0	ppb-TOC	22	22	100	11,000	320,000	--	--	63,000	63,000	68,000	68,000	46,000	44,000	Ln	Ln
Total HMW PAHs-SVOC	No CAS	ppb-TOC	22	22	100	67,000	1,300,000	--	--	310,000	310,000	260,000	260,000	250,000	240,000	G/Ln	G/Ln
Total LMW PAHs-SVOC	No CAS	ppb-TOC	22	22	100	8,800	340,000	--	--	72,000	72,000	84,000	84,000	49,000	44,000	G/Ln	G/Ln
TOTAL PAHs - SVOC	No CAS	ppb-TOC	22	22	100	76,000	1,600,000	--	--	380,000	380,000	330,000	330,000	300,000	290,000	Ln	Ln

Table D-11
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm-TOC	22	22	100	29,000	390,000	--	--	98,000	98,000	78,000	78,000	80,000	71,000	G/Ln	G/Ln
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	ppb-TOC	22	19	86	140	2,000	1,100	640,000	21,000	840	72,000	450	1,200	800	N/G/Ln	N/G/Ln
2-Hexanone	591-78-6	ppb-TOC	22	0	0	--	--	440	640,000	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb-TOC	22	0	0	--	--	440	640,000	--	--	--	--	--	--	--	--
Acetone	67-64-1	ppb-TOC	22	20	91	310	29,000	260,000	640,000	25,000	5,300	71,000	6,000	4,800	3,600	G/Ln	G/Ln
Benzene	71-43-2	ppb-TOC	22	4	18	130	2,600	220	16,000	780	--	1,700	--	370	310	--	--
Bromodichloromethane	75-27-4	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb-TOC	22	20	91	29	860	6,600	16,000	710	210	1,800	190	200	220	G/Ln	G/Ln
Carbon Tetrachloride	56-23-5	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb-TOC	22	12	55	5.8	1,600	430	16,000	610	140	1,700	340	120	220	Ln	NP
Chloroethane	75-00-3	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb-TOC	22	5	23	15	14,000	270	16,000	1,400	890	3,300	3,000	370	290	G/Ln	NP
Methylene Chloride	75-09-2	ppb-TOC	22	22	100	52	9,000	--	--	940	940	2,000	2,000	350	300	Ln	Ln
Styrene	100-42-5	ppb-TOC	22	1	5	37	37	220	16,000	790	--	1,700	--	330	290	--	--
Tetrachloroethene	127-18-4	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb-TOC	22	6	27	20	120	270	16,000	740	49	1,800	35	220	230	N/G/Ln	NP
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb-TOC	22	0	0	--	--	220	16,000	--	--	--	--	--	--	--	--

Table D-11
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Mid-depth (0.5 - 3.5 ft bss)																	
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb-TOC	55	0	0	--	--	530	7,200	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb-TOC	55	0	0	--	--	530	7,200	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb-TOC	55	0	0	--	--	530	7,200	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb-TOC	55	0	0	--	--	530	7,200	--	--	--	--	--	--	--	--
Aroclor-1248	12672-29-6	ppb-TOC	55	48	87	10,000	83,000	610	7,200	31,000	32,000	22,000	21,000	18,000	25,000	G	N/Ln
Aroclor-1254	11097-69-1	ppb-TOC	55	0	0	--	--	530	7,200	--	--	--	--	--	--	--	--
Aroclor-1260	11096-82-5	ppb-TOC	55	0	0	--	--	530	7,200	--	--	--	--	--	--	--	--
Aroclor-1262	37324-23-5	ppb-TOC	55	0	0	--	--	530	7,200	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb-TOC	55	0	0	--	--	530	7,200	--	--	--	--	--	--	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb-TOC	55	48	87	10,000	83,000	610	7,200	31,000	32,000	22,000	21,000	18,000	25,000	G	N/Ln
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb-TOC	55	48	87	10,000	83,000	610	7,200	31,000	32,000	22,000	21,000	18,000	25,000	G	N/Ln
Pesticides																	
4,4'-DDD	72-54-8	ppb-TOC	55	52	95	250	19,000	160	1,400	2,300	2,300	2,900	2,800	1,500	1,500	NP	NP
4,4'-DDE	72-55-9	ppb-TOC	55	54	98	89	160,000	150	150	9,700	9,700	25,000	24,000	3,300	2,600	NP	NP
4,4'-DDT	50-29-3	ppb-TOC	55	29	53	530	15,000	140	7,200	1,600	1,600	2,500	2,400	680	760	NP	Ln
Aldrin	309-00-2	ppb-TOC	55	0	0	--	--	72	6,800	--	--	--	--	--	--	--	--
Alpha-BHC	319-84-6	ppb-TOC	55	0	0	--	--	72	6,800	--	--	--	--	--	--	--	--
Alpha-Chlordane	5103-71-9	ppb-TOC	55	0	0	--	--	72	6,800	--	--	--	--	--	--	--	--
Beta-BHC	319-85-7	ppb-TOC	55	0	0	--	--	72	6,800	--	--	--	--	--	--	--	--
Delta-BHC	319-86-8	ppb-TOC	55	0	0	--	--	72	6,800	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb-TOC	55	0	0	--	--	140	13,000	--	--	--	--	--	--	--	--
Endosulfan I	959-98-8	ppb-TOC	55	0	0	--	--	72	6,800	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb-TOC	55	0	0	--	--	140	13,000	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb-TOC	55	1	2	390	390	140	13,000	470	--	1,000	--	220	160	--	--
Endrin	72-20-8	ppb-TOC	55	0	0	--	--	140	13,000	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb-TOC	55	0	0	--	--	140	13,000	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb-TOC	55	0	0	--	--	140	13,000	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	55	0	0	--	--	72	6,800	--	--	--	--	--	--	--	--
Gamma-Chlordane	5566-34-7	ppb-TOC	55	0	0	--	--	72	6,800	--	--	--	--	--	--	--	--
Heptachlor	76-44-8	ppb-TOC	55	1	2	930	930	72	6,800	250	--	540	--	110	80	--	--
Heptachlor Epoxide	1024-57-3	ppb-TOC	55	0	0	--	--	72	6,800	--	--	--	--	--	--	--	--
Methoxychlor	72-43-5	ppb-TOC	55	0	0	--	--	720	68,000	--	--	--	--	--	--	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb-TOC	55	0	0	--	--	72	6,800	--	--	--	--	--	--	--	--
Total DDT (4,4)	No CAS	ppb-TOC	55	55	100	89	190,000	--	--	13,000	13,000	28,000	28,000	5,800	5,000	NP	NP

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Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Toxaphene	8001-35-2	ppb-TOC	55	0	0	--	--	1,400	130,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	55	29	53	580	4,100	8,800	110,000	7,200	1,600	11,000	990	3,600	4,100	G/Ln	NP
1,2-Dichlorobenzene	95-50-1	ppb-TOC	55	15	27	830	3,000	8,800	110,000	9,700	1,500	10,000	640	6,100	9,000	G/Ln	NP
1,3-Dichlorobenzene	541-73-1	ppb-TOC	55	15	27	820	2,000	8,800	110,000	9,700	1,400	10,000	380	6,000	9,000	N/G/Ln	NP
1,4-Dichlorobenzene	106-46-7	ppb-TOC	55	49	89	550	11,000	10,000	100,000	4,700	3,400	6,900	2,600	3,100	2,600	Ln	NP
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	55	0	0	--	--	8,800	110,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	55	0	0	--	--	8,800	110,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	55	0	0	--	--	8,400	110,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	55	0	0	--	--	8,400	110,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	55	0	0	--	--	53,000	710,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	55	0	0	--	--	8,800	110,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	55	1	2	13,000	13,000	8,800	110,000	13,000	--	11,000	--	11,000	9,500	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	55	0	0	--	--	8,800	110,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	55	0	0	--	--	8,400	110,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	55	52	95	960	62,000	12,000	100,000	11,000	10,000	14,000	13,000	5,600	4,500	NP	NP
2-Methylphenol	95-48-7	ppb-TOC	55	0	0	--	--	8,400	110,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	55	0	0	--	--	53,000	710,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	55	0	0	--	--	8,400	110,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	55	11	20	1,600	8,900	53,000	710,000	65,000	5,000	70,000	2,600	38,000	55,000	N/G/Ln	NP
3-Nitroaniline	99-09-2	ppb-TOC	55	0	0	--	--	53,000	710,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	55	0	0	--	--	53,000	710,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	55	0	0	--	--	8,800	120,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	55	0	0	--	--	8,400	110,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	55	33	60	830	11,000	8,800	110,000	7,800	3,700	10,000	2,700	4,700	5,500	NP	NP
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	55	0	0	--	--	8,800	110,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	55	48	87	890	13,000	12,000	110,000	5,900	2,900	10,000	2,000	3,300	2,500	Ln	G
4-Nitroaniline	100-01-6	ppb-TOC	55	0	0	--	--	53,000	710,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	55	0	0	--	--	53,000	710,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	55	51	93	1,000	36,000	12,000	100,000	7,100	6,000	9,300	7,200	4,100	3,900	NP	NP
Acenaphthylene	208-96-8	ppb-TOC	55	48	87	1,700	29,000	11,000	110,000	8,300	6,300	10,000	5,200	5,900	5,500	Ln	NP
Anthracene	120-12-7	ppb-TOC	55	53	96	3,700	110,000	12,000	22,000	26,000	26,000	28,000	28,000	16,000	15,000	NP	NP
Benzo(a)anthracene	56-55-3	ppb-TOC	55	53	96	8,400	130,000	12,000	22,000	27,000	27,000	21,000	21,000	22,000	22,000	Ln	Ln
Benzo(a)pyrene	50-32-8	ppb-TOC	55	53	96	7,000	95,000	12,000	22,000	24,000	25,000	16,000	16,000	21,000	22,000	NP	NP
Benzo(b)fluoranthene	205-99-2	ppb-TOC	55	53	96	8,000	91,000	12,000	22,000	28,000	28,000	16,000	15,000	25,000	25,000	Ln	Ln
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	55	53	96	4,900	43,000	12,000	22,000	15,000	16,000	7,400	7,300	14,000	14,000	G/Ln	G/Ln

Table D-11
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Benzo(k)fluoranthene	207-08-9	ppb-TOC	55	51	93	2,900	35,000	10,000	100,000	10,000	9,300	7,300	4,900	8,700	8,700	G/Ln	G/Ln
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	55	0	0	--	--	8,400	110,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	55	0	0	--	--	8,400	110,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	55	50	91	8,800	1,100,000	10,000	22,000	280,000	280,000	320,000	320,000	130,000	140,000	Ln	Ln
Butyl benzyl phthalate	85-68-7	ppb-TOC	55	22	40	1,300	4,100	8,800	110,000	9,100	2,400	11,000	630	5,700	5,500	G/Ln	NP
Carbazole	86-74-8	ppb-TOC	55	43	78	800	11,000	12,000	110,000	8,000	3,300	13,000	2,700	3,800	3,200	NP	NP
Chrysene	218-01-9	ppb-TOC	55	53	96	10,000	130,000	12,000	22,000	30,000	30,000	21,000	21,000	25,000	26,000	Ln	Ln
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	55	43	78	1,100	14,000	12,000	120,000	9,200	4,100	13,000	2,500	5,300	4,000	NP	NP
Dibenzofuran	132-64-9	ppb-TOC	55	47	86	770	15,000	12,000	110,000	6,400	3,900	10,000	3,600	3,400	2,900	NP	NP
Diethyl phthalate	84-66-2	ppb-TOC	55	1	2	710	710	8,800	110,000	13,000	--	12,000	--	10,000	9,000	--	--
Dimethylphthalate	131-11-3	ppb-TOC	55	0	0	--	--	8,800	110,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	55	27	49	980	8,800	8,800	120,000	11,000	2,100	15,000	1,700	4,800	5,000	NP	NP
Di-n-Octylphthalate	117-84-0	ppb-TOC	55	8	15	4,200	16,000	8,800	120,000	13,000	7,800	11,000	3,200	10,000	9,500	N/G/Ln	NP
Fluoranthene	206-44-0	ppb-TOC	55	54	98	930	290,000	12,000	12,000	50,000	50,000	49,000	49,000	36,000	36,000	Ln	Ln
Fluorene	86-73-7	ppb-TOC	55	52	95	1,100	56,000	12,000	100,000	10,000	9,400	12,000	11,000	5,700	5,900	NP	NP
Hexachlorobenzene	118-74-1	ppb-TOC	55	0	0	--	--	8,800	120,000	--	--	--	--	--	--	--	--
Hexachlorobutadiene	87-68-3	ppb-TOC	55	0	0	--	--	8,400	110,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	55	0	0	--	--	8,800	120,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	55	0	0	--	--	8,400	110,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	55	51	93	4,300	42,000	12,000	120,000	16,000	15,000	11,000	7,800	14,000	14,000	G/Ln	G/Ln
Isophorone	78-59-1	ppb-TOC	55	0	0	--	--	8,400	110,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb-TOC	55	52	95	1,800	39,000	12,000	100,000	9,300	8,400	9,200	7,400	6,600	5,900	NP	NP
Nitrobenzene	98-95-3	ppb-TOC	55	0	0	--	--	8,400	110,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	55	0	0	--	--	8,400	110,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	55	3	6	6,000	15,000	8,800	110,000	13,000	--	11,000	--	11,000	9,500	--	--
Pentachlorophenol	87-86-5	ppb-TOC	55	0	0	--	--	53,000	710,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb-TOC	55	53	96	5,800	290,000	12,000	22,000	40,000	40,000	54,000	53,000	22,000	17,000	NP	NP
Phenol	108-95-2	ppb-TOC	55	3	6	720	1,700	8,400	110,000	11,000	--	9,500	--	8,700	9,000	--	--
Pyrene	129-00-0	ppb-TOC	55	53	96	15,000	210,000	12,000	22,000	48,000	48,000	32,000	32,000	40,000	43,000	G/Ln	Ln
Total HMW PAHs-SVOC	No CAS	ppb-TOC	55	54	98	620	1,100,000	12,000	12,000	250,000	250,000	180,000	170,000	190,000	210,000	NP	NP
Total LMW PAHs-SVOC	No CAS	ppb-TOC	55	53	96	16,000	620,000	12,000	22,000	100,000	100,000	120,000	120,000	62,000	54,000	NP	NP
TOTAL PAHs - SVOC	No CAS	ppb-TOC	55	54	98	620	1,700,000	12,000	12,000	350,000	350,000	290,000	280,000	250,000	270,000	NP	NP

Table D-11
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
TPH																	
Total Petroleum Hydrocarbons	TPH	ppb-TOC	55	55	100	1,500	310,000	--	--	120,000	120,000	72,000	72,000	90,000	95,000	G	G
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	ppb-TOC	55	40	73	190	2,600	870	240,000	17,000	1,100	30,000	650	2,600	1,300	G/Ln	G/Ln
2-Hexanone	591-78-6	ppb-TOC	55	0	0	--	--	440	240,000	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb-TOC	55	1	2	200	200	440	240,000	17,000	--	30,000	--	1,700	550	--	--
Acetone	67-64-1	ppb-TOC	55	48	87	690	26,000	93,000	240,000	16,000	8,200	23,000	6,500	8,100	7,700	G/Ln	G/Ln
Benzene	71-43-2	ppb-TOC	55	23	42	100	12,000	220	6,300	930	800	1,800	1,800	460	340	Ln	NP
Bromodichloromethane	75-27-4	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb-TOC	55	41	75	27	1,000	2,300	6,300	660	310	670	210	390	340	G/Ln	NP
Carbon Tetrachloride	56-23-5	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb-TOC	55	41	75	7.9	1,400	220	6,300	410	280	560	350	150	230	NP	NP
Chloroethane	75-00-3	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb-TOC	55	22	40	15	16,000	220	6,300	2,000	1,800	3,600	3,600	510	310	G	NP
Methylene Chloride	75-09-2	ppb-TOC	55	55	100	74	3,400	--	--	770	770	850	850	430	340	NP	NP
Styrene	100-42-5	ppb-TOC	55	4	7	9.0	41	220	6,300	610	--	680	--	330	260	--	--
Tetrachloroethene	127-18-4	ppb-TOC	55	1	2	70	70	220	6,300	650	--	670	--	410	310	--	--
Toluene	108-88-3	ppb-TOC	55	28	51	13	4,800	220	6,300	670	370	940	830	210	250	NP	NP
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb-TOC	55	0	0	--	--	220	6,300	--	--	--	--	--	--	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Subsurface (>3.5 ft bss)																	
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb-TOC	61	0	0	--	--	340	4,800	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb-TOC	61	0	0	--	--	340	4,800	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb-TOC	61	0	0	--	--	340	4,800	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb-TOC	61	1	2	4,000	4,000	340	4,800	610	--	620	--	480	420	--	--
Aroclor-1248	12672-29-6	ppb-TOC	61	47	77	4,500	140,000	340	1,400	29,000	30,000	29,000	28,000	10,000	21,000	G/Ln	NP
Aroclor-1254	11097-69-1	ppb-TOC	61	0	0	--	--	340	4,800	--	--	--	--	--	--	--	--
Aroclor-1260	11096-82-5	ppb-TOC	61	0	0	--	--	340	4,800	--	--	--	--	--	--	--	--
Aroclor-1262	37324-23-5	ppb-TOC	61	0	0	--	--	340	4,800	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb-TOC	61	0	0	--	--	340	4,800	--	--	--	--	--	--	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb-TOC	61	48	79	4,000	140,000	340	1,100	29,000	30,000	29,000	28,000	11,000	21,000	G/Ln	N
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb-TOC	61	48	79	4,000	140,000	340	1,100	29,000	30,000	29,000	28,000	11,000	21,000	G/Ln	N
Pesticides																	
4,4'-DDD	72-54-8	ppb-TOC	61	52	85	150	29,000	68	570	2,000	2,100	4,200	4,100	880	1,100	NP	Ln
4,4'-DDE	72-55-9	ppb-TOC	61	55	90	84	130,000	68	200	9,000	9,000	22,000	22,000	2,100	1,900	NP	NP
4,4'-DDT	50-29-3	ppb-TOC	61	10	16	110	18,000	68	3,700	860	720	2,400	2,400	270	150	G/Ln	NP
Aldrin	309-00-2	ppb-TOC	61	0	0	--	--	34	6,400	--	--	--	--	--	--	--	--
Alpha-BHC	319-84-6	ppb-TOC	61	0	0	--	--	34	6,400	--	--	--	--	--	--	--	--
Alpha-Chlordane	5103-71-9	ppb-TOC	61	0	0	--	--	34	6,400	--	--	--	--	--	--	--	--
Beta-BHC	319-85-7	ppb-TOC	61	0	0	--	--	34	6,400	--	--	--	--	--	--	--	--
Delta-BHC	319-86-8	ppb-TOC	61	0	0	--	--	34	6,400	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb-TOC	61	0	0	--	--	68	12,000	--	--	--	--	--	--	--	--
Endosulfan I	959-98-8	ppb-TOC	61	0	0	--	--	34	6,400	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb-TOC	61	0	0	--	--	68	12,000	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb-TOC	61	0	0	--	--	68	12,000	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb-TOC	61	0	0	--	--	68	12,000	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb-TOC	61	0	0	--	--	68	12,000	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb-TOC	61	0	0	--	--	68	12,000	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	61	0	0	--	--	34	6,400	--	--	--	--	--	--	--	--
Gamma-Chlordane	5566-34-7	ppb-TOC	61	0	0	--	--	34	6,400	--	--	--	--	--	--	--	--
Heptachlor	76-44-8	ppb-TOC	61	0	0	--	--	34	6,400	--	--	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	ppb-TOC	61	1	2	1,500	1,500	34	6,400	290	--	600	--	110	65	--	--
Methoxychlor	72-43-5	ppb-TOC	61	0	0	--	--	340	64,000	--	--	--	--	--	--	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb-TOC	61	0	0	--	--	34	6,400	--	--	--	--	--	--	--	--
Total DDT (4,4)	No CAS	ppb-TOC	61	55	90	84	180,000	68	200	12,000	12,000	29,000	29,000	3,000	3,400	Ln	NP

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Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Toxaphene	8001-35-2	ppb-TOC	61	0	0	--	--	680	120,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	61	33	54	490	9,300	5,400	160,000	8,800	1,900	14,000	1,600	3,800	3,400	G/Ln	NP
1,2-Dichlorobenzene	95-50-1	ppb-TOC	61	17	28	830	2,000	5,400	160,000	12,000	1,300	14,000	400	6,300	7,500	N/G/Ln	NP
1,3-Dichlorobenzene	541-73-1	ppb-TOC	61	17	28	830	23,000	5,400	160,000	12,000	2,400	14,000	3,400	6,800	7,500	NP	NP
1,4-Dichlorobenzene	106-46-7	ppb-TOC	61	45	74	1,000	12,000	5,400	67,000	6,300	4,300	6,500	2,900	4,400	4,800	G/Ln	G
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	61	0	0	--	--	32,000	920,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	61	3	5	21,000	24,000	5,400	110,000	14,000	--	12,000	--	11,000	9,000	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	61	4	7	12,000	18,000	5,400	160,000	14,000	--	14,000	--	11,000	9,000	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	61	57	93	1,300	52,000	17,000	67,000	15,000	15,000	14,000	14,000	9,400	11,000	Ln	G/Ln
2-Methylphenol	95-48-7	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	61	0	0	--	--	32,000	920,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	61	6	10	3,100	11,000	32,000	920,000	94,000	6,100	100,000	2,900	57,000	55,000	N/G/Ln	NP
3-Nitroaniline	99-09-2	ppb-TOC	61	0	0	--	--	32,000	920,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	61	0	0	--	--	32,000	920,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	61	0	0	--	--	5,400	170,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	61	31	51	710	8,900	5,400	160,000	10,000	3,800	14,000	1,900	6,100	5,400	N/G/Ln	NP
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	61	49	80	780	9,500	16,000	160,000	8,900	4,100	14,000	1,900	5,200	4,500	N/G/Ln	N
4-Nitroaniline	100-01-6	ppb-TOC	61	0	0	--	--	32,000	920,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	61	0	0	--	--	32,000	920,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	61	56	92	970	39,000	17,000	65,000	8,900	7,900	8,100	7,100	6,000	7,400	G/Ln	G/Ln
Acenaphthylene	208-96-8	ppb-TOC	61	51	84	1,500	23,000	17,000	110,000	10,000	7,000	11,000	4,900	6,900	6,700	G/Ln	G/Ln
Anthracene	120-12-7	ppb-TOC	61	60	98	1,400	88,000	44,000	44,000	27,000	27,000	23,000	23,000	17,000	19,000	G/Ln	G/Ln
Benzo(a)anthracene	56-55-3	ppb-TOC	61	60	98	2,200	130,000	44,000	44,000	29,000	29,000	25,000	25,000	22,000	22,000	Ln	Ln
Benzo(a)pyrene	50-32-8	ppb-TOC	61	60	98	2,000	110,000	44,000	44,000	24,000	24,000	20,000	20,000	19,000	19,000	Ln	Ln
Benzo(b)fluoranthene	205-99-2	ppb-TOC	61	60	98	2,200	110,000	44,000	44,000	26,000	26,000	19,000	19,000	22,000	22,000	NP	NP
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	61	59	97	1,300	63,000	17,000	44,000	15,000	15,000	10,000	10,000	13,000	12,000	NP	NP

Table D-11
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Benzo(k)fluoranthene	207-08-9	ppb-TOC	61	58	95	1,400	29,000	20,000	65,000	9,600	8,900	6,600	5,700	7,900	7,300	NP	NP
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	61	55	90	460	2,800,000	9,800	15,000	340,000	340,000	480,000	480,000	110,000	230,000	G	NP
Butyl benzyl phthalate	85-68-7	ppb-TOC	61	14	23	1,200	6,600	5,400	160,000	14,000	3,100	17,000	1,300	8,600	7,500	N/G/Ln	NP
Carbazole	86-74-8	ppb-TOC	61	45	74	450	10,000	11,000	170,000	12,000	3,500	21,000	2,600	4,800	3,900	G/Ln	NP
Chrysene	218-01-9	ppb-TOC	61	60	98	2,200	120,000	44,000	44,000	32,000	32,000	24,000	24,000	25,000	25,000	G/Ln	G/Ln
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	61	39	64	1,300	13,000	11,000	160,000	12,000	4,200	15,000	2,900	6,500	5,500	NP	NP
Dibenzofuran	132-64-9	ppb-TOC	61	55	90	730	16,000	17,000	65,000	5,800	4,500	5,900	3,400	3,900	4,600	G	Ln
Diethyl phthalate	84-66-2	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	61	10	16	340	2,800	8,600	170,000	20,000	1,400	22,000	750	10,000	9,000	N/G/Ln	NP
Di-n-Octylphthalate	117-84-0	ppb-TOC	61	21	34	1,900	19,000	5,400	160,000	12,000	6,400	13,000	4,600	8,800	8,000	G/Ln	NP
Fluoranthene	206-44-0	ppb-TOC	61	60	98	3,100	160,000	44,000	44,000	51,000	51,000	33,000	33,000	41,000	43,000	G/Ln	G/Ln
Fluorene	86-73-7	ppb-TOC	61	58	95	810	36,000	20,000	65,000	12,000	12,000	9,600	9,200	8,100	10,000	G	G/Ln
Hexachlorobenzene	118-74-1	ppb-TOC	61	2	3	4,500	18,000	5,400	170,000	22,000	--	21,000	--	14,000	9,500	--	--
Hexachlorobutadiene	87-68-3	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	61	1	2	7,400	7,400	5,400	160,000	13,000	--	13,000	--	10,000	8,500	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	61	56	92	2,800	65,000	20,000	160,000	17,000	14,000	15,000	11,000	13,000	11,000	NP	NP
Isophorone	78-59-1	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb-TOC	61	57	93	1,500	79,000	17,000	65,000	14,000	13,000	14,000	14,000	9,600	10,000	G/Ln	G/Ln
Nitrobenzene	98-95-3	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	61	0	0	--	--	5,400	160,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	61	2	3	670	31,000	5,400	160,000	15,000	--	15,000	--	11,000	9,000	--	--
Pentachlorophenol	87-86-5	ppb-TOC	61	0	0	--	--	32,000	1,100,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb-TOC	61	60	98	1,700	170,000	44,000	44,000	47,000	46,000	41,000	41,000	29,000	36,000	G/Ln	G/Ln
Phenol	108-95-2	ppb-TOC	61	6	10	630	2,000	5,400	160,000	13,000	1,400	14,000	570	8,800	8,500	N/G/Ln	NP
Pyrene	129-00-0	ppb-TOC	61	60	98	3,300	190,000	44,000	44,000	56,000	56,000	37,000	37,000	44,000	44,000	G/Ln	G/Ln
Total HMW PAHs-SVOC	No CAS	ppb-TOC	61	60	98	16,000	980,000	44,000	44,000	250,000	250,000	180,000	180,000	200,000	210,000	G/Ln	Ln
Total LMW PAHs-SVOC	No CAS	ppb-TOC	61	60	98	3,300	430,000	44,000	44,000	120,000	120,000	100,000	100,000	79,000	98,000	G	G
TOTAL PAHs - SVOC	No CAS	ppb-TOC	61	60	98	19,000	1,400,000	44,000	44,000	380,000	380,000	270,000	270,000	280,000	320,000	G/Ln	Ln

Table D-11
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm-TOC	61	61	100	4,300	390,000	--	--	140,000	140,000	83,000	83,000	110,000	130,000	NP	NP
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	ppb-TOC	61	40	66	300	8,700	2,900	280,000	22,000	1,700	33,000	1,400	4,600	2,200	G/Ln	NP
2-Hexanone	591-78-6	ppb-TOC	61	0	0	--	--	260	280,000	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb-TOC	61	0	0	--	--	260	280,000	--	--	--	--	--	--	--	--
Acetone	67-64-1	ppb-TOC	61	61	100	1,000	51,000	--	--	13,000	13,000	10,000	10,000	9,800	11,000	G	G
Benzene	71-43-2	ppb-TOC	61	38	62	87	3,300	120	3,300	780	720	800	810	460	470	G	Ln
Bromodichloromethane	75-27-4	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb-TOC	61	41	67	35	1,000	2,100	7,300	740	310	750	260	410	380	G/Ln	G/Ln
Carbon Tetrachloride	56-23-5	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb-TOC	61	46	75	7.7	2,400	120	7,300	530	370	740	470	210	230	G	Ln
Chloroethane	75-00-3	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb-TOC	61	38	62	15	14,000	120	6,200	2,900	2,800	4,100	4,100	680	400	NP	NP
Methylene Chloride	75-09-2	ppb-TOC	61	61	100	55	3,700	--	--	800	800	810	810	480	450	G	G
Styrene	100-42-5	ppb-TOC	61	2	3	6.2	11	120	7,300	770	--	750	--	450	480	--	--
Tetrachloroethene	127-18-4	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb-TOC	61	47	77	5.9	6,300	230	7,300	1,200	1,100	1,800	1,800	250	250	NP	NP
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb-TOC	61	0	0	--	--	120	7,300	--	--	--	--	--	--	--	--

Table D-11
Summary Statistics
Newark Bay Study Area - USACE Stratified Sample Data (Normalized)

Abbreviations:

-- not applicable due to frequency of detection
1/2 DL = half the detection limit (e.g., sample reporting limit)
Al = Aluminum
CARP = Contaminant Assessment and Reduction Program
CAS = Chemical Abstracts Service
Fe = Iron
FOD = frequency of detection (detects / total)
ft bss = feet below sediment surface
GM = geometric mean
GOF = goodness-of-fit
HMW = high molecular weight
KM = Kaplan-Meier
LMW = low molecular weight
Max = maximum
Min = minimum
ND = nondetect
NOAA = National Oceanic and Atmospheric Administration
PAH = polynuclear aromatic hydrocarbon
PCB = polycyclic aromatic hydrocarbon
ppb = parts per billiom
ppm = parts per milliom
ppt = parts per trillion
ROS = regression on ordered statistics
SD = standard deviation
SVOC = semivolatile organic compound
TOC = total organic carbon
TPH = total petroleum hydrocarbon
USACE = U.S. Army Corps of Engineers

Notes:

[1] Total concentrations are based on the sum of detected observations; therefore statistics for totals are based on detected observations.

[2] KM and GOF statistics generated using USEPA ProUCL (v. 4.1.01) software (USEPA, 2011). Remaining statistics generated in MS Access 2010.

[3] When FOD = 100%, the KM statistics are equal to the arithmetic mean and standard deviation of the full dataset.

[4] KM statistics and GOF results only reported for constituents with at least 8 total observations and 5 distinct detected observations (USEPA, 2010).

[5] The GM is a parameter that specifically defines a lognormal distribution and is equal to the anti-log of the mean of the log-transformed values. GM is generally not descriptive of the central tendency for data that are not lognormally distributed.

[6] Distribution assessed by GOF tests at 95% confidence level (α = 0.05) using ProUCL 4.1.01 Left-censored data are evaluated with both detects only and ROS methods (USEPA, 2010).
Normal (N): dataset follows a normal distribution, according to the Shapiro Wilks test (n ≤50) or Lilliefors test (n>50).
Gamma (G): dataset follows a gamma distribution, according to the Kolmogorov-Smirnov test.
Lognormal (Ln): dataset follows a lognormal distribution, according to the Shapiro Wilks test (n ≤50) or Lilliefors test (n>50).
Nonparametric (NP): dataset does not follow any of the three distributions noted above.

[7] Level = data usability levels. For information about these levels and their applicability, please refer to Section 3 of the report.

[8] This table presents data for each of the 18 select chemicals (where available) identified for focused evaluation in Section 4.3

[9] Organic compounds are normalized to TOC and inorganic compounds are normalized to aluminum.

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	11	11	100	4,910	51,900	--	--	18,500	18,500	12,700	12,700	15,400	17,000	G/Ln	G/Ln
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	11	11	100	1,850	10,400	--	--	6,690	6,690	2,720	2,720	6,050	6,180	N/G/Ln	N/G/Ln
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	11	11	100	103	808	--	--	497	497	208	208	442	516	N/G	N/G
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	11	11	100	70.3	363	--	--	184	184	90.3	90.3	164	162	N/G/Ln	N/G/Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	11	11	100	220	2,540	--	--	1,390	1,390	736	736	1,180	1,190	N/G/Ln	N/G/Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	11	11	100	209	1,290	--	--	777	777	340	340	687	882	N/G/Ln	N/G/Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	11	11	100	128	878	--	--	579	579	242	242	515	636	N/G	N/G
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	11	11	100	165	849	--	--	514	514	225	225	464	461	N/G/Ln	N/G/Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	11	5	46	12.2	249	24.6	181	57.0	48.9	68.0	65.8	37.2	32.8	G/Ln	Ln
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	11	11	100	49.3	280	--	--	156	156	74.8	74.8	137	148	N/G/Ln	N/G/Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	11	11	100	59.2	578	--	--	356	356	148	148	312	398	N/G	N/G
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	11	10	91	95.3	811	714	714	438	442	210	206	384	357	N/G/Ln	N/G/Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	11	10	91	82.0	762	396	396	444	453	214	198	381	364	N/G	N/G
2,3,7,8-TCDD	1746-01-6	ppt-TOC	11	11	100	213	1,510	--	--	698	698	379	379	614	639	N/G/Ln	N/G/Ln
2,3,7,8-TCDF	51207-31-9	ppt-TOC	11	11	100	85.2	1,990	--	--	799	799	633	633	581	583	G/Ln	G/Ln
OCDD	3268-87-9	ppt-TOC	11	11	100	50,600	297,000	--	--	174,000	174,000	68,600	68,600	159,000	175,000	N/G/Ln	N/G/Ln
OCDF	39001-02-0	ppt-TOC	11	11	100	3,250	16,400	--	--	11,800	11,800	3,720	3,720	11,000	13,300	N/G	N/G
Total HpCDD	37871-00-4	ppt-TOC	11	11	100	10,400	75,500	--	--	38,300	38,300	18,300	18,300	33,900	34,400	N/G/Ln	N/G/Ln
Total HpCDF	38998-75-3	ppt-TOC	11	11	100	3,720	22,400	--	--	12,700	12,700	5,760	5,760	11,400	11,300	N/G/Ln	N/G/Ln
Total HxCDD	34465-46-8	ppt-TOC	11	11	100	1,830	11,600	--	--	7,450	7,450	3,230	3,230	6,600	7,940	N/G/Ln	N/G/Ln
Total HxCDF	55684-94-1	ppt-TOC	11	11	100	2,740	16,600	--	--	8,670	8,670	3,970	3,970	7,770	8,530	N/G/Ln	N/G/Ln
Total PeCDD	36088-22-9	ppt-TOC	11	11	100	512	3,290	--	--	1,820	1,820	908	908	1,590	1,600	N/G/Ln	N/G/Ln
Total PeCDF	30402-15-4	ppt-TOC	11	11	100	2,360	16,800	--	--	8,400	8,400	4,060	4,060	7,420	8,680	N/G/Ln	N/G/Ln
Total TCDD	41903-57-5	ppt-TOC	11	11	100	630	5,790	--	--	2,970	2,970	1,480	1,480	2,590	2,700	N/G/Ln	N/G/Ln
Total TCDF	55722-27-5	ppt-TOC	11	11	100	1,740	15,100	--	--	10,100	10,100	4,360	4,360	8,850	11,000	N/G	N/G
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	11	11	100	8,130	144,000	--	--	30,200	30,200	38,900	38,900	20,600	17,100	Ln	Ln
PCB-100	39485-83-1	ppt-TOC	7	7	100	3,070	39,800	--	--	13,400	13,400	12,600	12,600	9,660	8,090	--	--
PCB-103	60145-21-3	ppt-TOC	11	11	100	2,240	28,000	--	--	11,900	11,900	7,430	7,430	9,740	11,200	N/G/Ln	N/G/Ln
PCB-104	56558-16-8	ppt-TOC	11	5	46	286	1,050	99.6	11,300	951	513	1,580	260	482	472	N/G/Ln	N/Ln
PCB-105	32598-14-4	ppt-TOC	11	11	100	50,500	371,000	--	--	244,000	244,000	105,000	105,000	216,000	221,000	N/G	N/G
PCB-106/118	PCB-106/118	ppt-TOC	7	7	100	127,000	923,000	--	--	542,000	542,000	258,000	258,000	470,000	568,000	--	--
PCB-107/109	70424-68-9/7447	ppt-TOC	7	7	100	9,220	74,500	--	--	44,800	44,800	22,200	22,200	38,100	45,800	--	--
PCB-108/112	70362-41-3/7447	ppt-TOC	7	7	100	7,610	62,100	--	--	34,700	34,700	17,700	17,700	29,700	34,900	--	--
PCB-11	2050-67-1	ppt-TOC	11	11	100	24,800	2,130,000	--	--	350,000	350,000	607,000	607,000	164,000	111,000	G/Ln	G/Ln
PCB-110	38380-03-9	ppt-TOC	7	7	100	211,000	1,650,000	--	--	838,000	838,000	455,000	455,000	719,000	831,000	--	--
PCB-111/115	PCB-111/115	ppt-TOC	7	7	100	3,190	25,100	--	--	12,000	12,000	6,680	6,680	10,400	10,200	--	--
PCB-113	68194-10-5	ppt-TOC	7	5	71	2,390	5,500	324	11,300	3,830	--	1,990	--	2,670	4,020	--	--
PCB-114	74472-37-0	ppt-TOC	11	11	100	2,800	21,300	--	--	13,600	13,600	6,120	6,120	12,000	12,200	N/G	N/G
PCB-119	56558-17-9	ppt-TOC	7	7	100	3,880	43,100	--	--	23,300	23,300	14,200	14,200	18,600	20,400	--	--

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-12/13	PCB-12/13	ppt-TOC	11	10	91	12,600	96,500	29,600	29,600	53,000	53,500	28,100	26,200	44,400	55,800	N/G/Ln	N/G/Ln
PCB-120	68194-12-7	ppt-TOC	11	9	82	433	3,630	1,020	11,300	2,550	2,230	1,510	1,120	2,020	2,920	N/G	N/G
PCB-121	56558-18-0	ppt-TOC	11	0	0	--	--	156	11,300	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt-TOC	11	11	100	1,930	15,900	--	--	9,360	9,360	4,310	4,310	8,220	8,270	N/G/Ln	N/G/Ln
PCB-123	65510-44-3	ppt-TOC	11	11	100	3,050	22,600	--	--	12,400	12,400	5,300	5,300	11,200	11,100	N/G/Ln	N/G/Ln
PCB-124	70424-70-3	ppt-TOC	7	7	100	7,170	48,100	--	--	23,100	23,100	12,600	12,600	20,300	21,300	--	--
PCB-126	57465-28-8	ppt-TOC	11	6	55	1,210	4,330	2,310	11,300	3,080	2,850	1,390	1,190	2,760	3,170	N/G	N/Ln
PCB-127	39635-33-1	ppt-TOC	11	0	0	--	--	324	11,300	--	--	--	--	--	--	--	--
PCB-128/162	PCB-128/162	ppt-TOC	7	7	100	2,110	243,000	--	--	106,000	106,000	73,600	73,600	64,000	114,000	--	--
PCB-129	55215-18-4	ppt-TOC	7	7	100	8,910	68,100	--	--	29,900	29,900	19,100	19,100	25,300	26,700	--	--
PCB-130	52663-66-8	ppt-TOC	11	11	100	13,400	108,000	--	--	58,200	58,200	28,000	28,000	50,900	55,000	N/G/Ln	N/G/Ln
PCB-131	61798-70-7	ppt-TOC	11	4	36	6,480	18,500	324	11,300	5,710	--	7,110	--	1,660	535	--	--
PCB-132/161	38380-05-1/7447	ppt-TOC	7	7	100	72,400	560,000	--	--	237,000	237,000	161,000	161,000	197,000	233,000	--	--
PCB-133/142	PCB-133/142	ppt-TOC	7	7	100	6,680	52,200	--	--	24,600	24,600	14,700	14,700	20,900	25,200	--	--
PCB-134/143	PCB-134/143	ppt-TOC	11	11	100	12,300	104,000	--	--	51,700	51,700	27,700	27,700	44,300	44,000	N/G/Ln	N/G/Ln
PCB-135	52744-13-5	ppt-TOC	7	7	100	40,800	343,000	--	--	129,000	129,000	101,000	101,000	104,000	122,000	--	--
PCB-136	38411-22-2	ppt-TOC	11	11	100	40,800	338,000	--	--	134,000	134,000	81,100	81,100	115,000	121,000	N/G/Ln	N/G/Ln
PCB-137	35694-06-5	ppt-TOC	11	11	100	8,360	60,700	--	--	34,200	34,200	15,500	15,500	30,400	32,500	N/G/Ln	N/G/Ln
PCB-138/163/164	35065-28-2/7447	ppt-TOC	7	7	100	281,000	2,020,000	--	--	865,000	865,000	574,000	574,000	728,000	847,000	--	--
PCB-139/149	PCB-139/149	ppt-TOC	7	7	100	257,000	2,330,000	--	--	851,000	851,000	703,000	703,000	670,000	766,000	--	--
PCB-14	34883-41-5	ppt-TOC	11	0	0	--	--	324	11,300	--	--	--	--	--	--	--	--
PCB-140	59291-64-4	ppt-TOC	7	7	100	945	14,800	--	--	6,570	6,570	4,440	4,440	5,050	6,670	--	--
PCB-141	52712-04-6	ppt-TOC	11	11	100	61,300	459,000	--	--	187,000	187,000	110,000	110,000	161,000	168,000	N/G/Ln	N/G/Ln
PCB-144	68194-14-9	ppt-TOC	11	11	100	8,330	135,000	--	--	45,400	45,400	35,000	35,000	35,200	37,000	G/Ln	G/Ln
PCB-145	74472-40-5	ppt-TOC	11	3	27	69.4	287	71.1	11,300	751	--	1,630	--	249	287	--	--
PCB-146/165	51908-16-8/7447	ppt-TOC	7	7	100	39,000	299,000	--	--	138,000	138,000	85,700	85,700	116,000	145,000	--	--
PCB-147	68194-13-8	ppt-TOC	7	7	100	5,550	67,000	--	--	25,600	25,600	20,400	20,400	19,800	20,400	--	--
PCB-148	74472-41-6	ppt-TOC	11	10	91	430	4,700	11,300	11,300	2,640	2,340	1,550	1,180	2,180	2,260	N/G/Ln	N/G/Ln
PCB-15	2050-68-2	ppt-TOC	11	11	100	67,000	463,000	--	--	285,000	285,000	106,000	106,000	260,000	284,000	N/G	N/G
PCB-150	68194-08-1	ppt-TOC	11	11	100	487	8,410	--	--	3,790	3,790	2,390	2,390	3,000	3,000	N/G/Ln	N/G/Ln
PCB-151	52663-63-5	ppt-TOC	7	7	100	82,000	731,000	--	--	260,000	260,000	222,000	222,000	203,000	219,000	--	--
PCB-152	68194-09-2	ppt-TOC	11	9	82	313	1,890	864	11,300	1,400	990	1,490	464	1,020	996	N/G/Ln	N/G/Ln
PCB-153	35065-27-1	ppt-TOC	7	7	100	290,000	2,120,000	--	--	915,000	915,000	611,000	611,000	763,000	929,000	--	--
PCB-154	60145-22-4	ppt-TOC	11	11	100	4,420	49,500	--	--	20,900	20,900	14,800	14,800	16,600	15,400	N/G/Ln	N/G/Ln
PCB-155	33979-03-2	ppt-TOC	11	10	91	244	7,350	11,300	11,300	3,950	3,780	2,310	2,240	2,990	4,200	N/G	N/G
PCB-156	38380-08-4	ppt-TOC	7	7	100	18,000	128,000	--	--	63,600	63,600	35,800	35,800	54,600	67,200	--	--
PCB-157	69782-90-7	ppt-TOC	7	7	100	3,920	28,300	--	--	14,600	14,600	7,650	7,650	12,600	15,900	--	--
PCB-158/160	74472-42-7/4141	ppt-TOC	7	7	100	28,400	210,000	--	--	90,200	90,200	59,600	59,600	75,800	85,200	--	--
PCB-159	39635-35-3	ppt-TOC	11	4	36	9,570	15,600	324	11,300	5,630	--	6,610	--	1,680	535	--	--
PCB-16/32	PCB-16/32	ppt-TOC	7	7	100	66,400	354,000	--	--	195,000	195,000	101,000	101,000	172,000	155,000	--	--
PCB-166	41411-63-6	ppt-TOC	7	6	86	543	2,890	11,300	11,300	2,620	--	1,580	--	2,170	2,820	--	--
PCB-167	52663-72-6	ppt-TOC	11	11	100	9,060	67,600	--	--	34,100	34,100	16,400	16,400	30,200	31,800	N/G/Ln	N/G/Ln
PCB-168	59291-65-5	ppt-TOC	7	5	71	1,060	2,720	324	11,300	2,290	--	1,740	--	1,580	2,400	--	--

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-169	32774-16-6	ppt-TOC	11	1	9	2,540	2,540	138	3,320	731	--	819	--	391	290	--	--
PCB-17	37680-66-3	ppt-TOC	11	11	100	47,100	228,000	--	--	155,000	155,000	65,500	65,500	140,000	195,000	N/G/Ln	N/G/Ln
PCB-170	35065-30-6	ppt-TOC	11	11	100	100,000	734,000	--	--	286,000	286,000	174,000	174,000	247,000	275,000	G/Ln	G/Ln
PCB-171	52663-71-5	ppt-TOC	7	7	100	28,100	211,000	--	--	78,500	78,500	63,000	63,000	62,900	67,400	--	--
PCB-172	52663-74-8	ppt-TOC	11	11	100	18,200	130,000	--	--	52,500	52,500	31,300	31,300	45,200	46,100	N/G/Ln	N/G/Ln
PCB-173	68194-16-1	ppt-TOC	7	7	100	2,640	22,700	--	--	7,320	7,320	7,080	7,080	5,510	5,060	--	--
PCB-174	38411-25-5	ppt-TOC	11	11	100	135,000	1,030,000	--	--	366,000	366,000	248,000	248,000	310,000	333,000	G/Ln	G/Ln
PCB-175	40186-70-7	ppt-TOC	11	11	100	4,580	39,000	--	--	15,400	15,400	9,080	9,080	13,400	14,500	G/Ln	G/Ln
PCB-176	52663-65-7	ppt-TOC	11	11	100	16,000	118,000	--	--	46,700	46,700	28,100	28,100	40,300	45,600	G/Ln	G/Ln
PCB-177	52663-70-4	ppt-TOC	11	11	100	72,700	569,000	--	--	219,000	219,000	137,000	137,000	186,000	198,000	G/Ln	G/Ln
PCB-178	52663-67-9	ppt-TOC	11	11	100	24,500	182,000	--	--	74,200	74,200	42,700	42,700	64,600	70,400	N/G/Ln	N/G/Ln
PCB-179	52663-64-6	ppt-TOC	11	11	100	58,300	418,000	--	--	165,000	165,000	99,400	99,400	143,000	153,000	G/Ln	G/Ln
PCB-18	37680-65-2	ppt-TOC	7	7	100	77,700	470,000	--	--	258,000	258,000	139,000	139,000	223,000	205,000	--	--
PCB-180	35065-29-3	ppt-TOC	7	7	100	273,000	1,980,000	--	--	728,000	728,000	592,000	592,000	583,000	601,000	--	--
PCB-181	74472-47-2	ppt-TOC	11	7	64	1,480	3,930	324	11,300	2,370	2,270	1,590	831	1,600	2,520	N/G/Ln	N/Ln
PCB-182/187	PCB-182/187	ppt-TOC	7	7	100	157,000	1,130,000	--	--	452,000	452,000	330,000	330,000	371,000	420,000	--	--
PCB-183	52663-69-1	ppt-TOC	11	11	100	66,700	478,000	--	--	212,000	212,000	118,000	118,000	183,000	191,000	N/G/Ln	N/G/Ln
PCB-184	74472-48-3	ppt-TOC	11	6	55	146	863	99.6	11,300	944	486	1,590	316	402	570	N/G	N
PCB-185	52712-05-7	ppt-TOC	11	11	100	15,100	112,000	--	--	36,200	36,200	27,200	27,200	30,300	29,700	G/Ln	G/Ln
PCB-186	74472-49-4	ppt-TOC	11	0	0	--	--	114	11,300	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt-TOC	11	8	73	288	2,560	469	11,300	1,460	1,060	1,560	704	976	1,020	N/G/Ln	N/Ln
PCB-189	39635-31-9	ppt-TOC	11	11	100	3,170	27,500	--	--	10,500	10,500	6,480	6,480	9,010	9,610	G/Ln	G/Ln
PCB-19	38444-73-4	ppt-TOC	11	11	100	14,700	59,900	--	--	32,800	32,800	15,100	15,100	29,500	32,800	N/G/Ln	N/G/Ln
PCB-190	41411-64-7	ppt-TOC	11	11	100	20,900	151,000	--	--	57,700	57,700	35,500	35,500	50,000	55,400	G/Ln	G/Ln
PCB-191	74472-50-7	ppt-TOC	11	11	100	4,200	33,800	--	--	12,500	12,500	8,060	8,060	10,700	12,000	G/Ln	G/Ln
PCB-192	74472-51-8	ppt-TOC	11	0	0	--	--	193	11,300	--	--	--	--	--	--	--	--
PCB-193	69782-91-8	ppt-TOC	7	7	100	12,800	102,000	--	--	37,500	37,500	30,600	30,600	29,800	33,100	--	--
PCB-194	35694-08-7	ppt-TOC	11	11	100	62,900	387,000	--	--	171,000	171,000	86,400	86,400	154,000	173,000	N/G/Ln	N/G/Ln
PCB-195	52663-78-2	ppt-TOC	11	11	100	31,000	173,000	--	--	72,000	72,000	39,700	39,700	64,000	66,900	G/Ln	G/Ln
PCB-196/203	PCB-196/203	ppt-TOC	7	7	100	63,500	505,000	--	--	209,000	209,000	143,000	143,000	174,000	211,000	--	--
PCB-197	33091-17-7	ppt-TOC	11	11	100	2,370	18,700	--	--	7,420	7,420	4,300	4,300	6,500	7,160	G/Ln	G/Ln
PCB-198	68194-17-2	ppt-TOC	7	7	100	3,800	27,100	--	--	10,300	10,300	7,720	7,720	8,620	8,630	--	--
PCB-199	52663-75-9	ppt-TOC	11	11	100	26,200	500,000	--	--	144,000	144,000	141,000	141,000	94,400	124,000	G/Ln	G/Ln
PCB-2	2051-61-8	ppt-TOC	11	10	91	1,230	19,700	10,500	10,500	8,520	8,540	5,180	4,980	6,940	6,560	N/G/Ln	N/G/Ln
PCB-20/21/33	38444-84-7/5570	ppt-TOC	7	7	100	41,600	274,000	--	--	157,000	157,000	81,400	81,400	136,000	128,000	--	--
PCB-200	52663-73-7	ppt-TOC	7	7	100	9,220	67,300	--	--	25,200	25,200	19,800	19,800	20,500	22,300	--	--
PCB-201	40186-71-8	ppt-TOC	11	11	100	8,670	63,200	--	--	25,800	25,800	14,200	14,200	22,900	23,100	G/Ln	G/Ln
PCB-202	2136-99-4	ppt-TOC	11	11	100	13,600	95,600	--	--	51,900	51,900	23,100	23,100	46,500	50,000	N/G/Ln	N/G/Ln
PCB-204	74472-52-9	ppt-TOC	11	1	9	310	310	154	11,300	792	--	1,620	--	322	310	--	--
PCB-205	74472-53-0	ppt-TOC	11	11	100	2,690	19,600	--	--	8,150	8,150	4,690	4,690	7,100	7,430	N/G/Ln	N/G/Ln
PCB-206	40186-72-9	ppt-TOC	11	11	100	30,500	186,000	--	--	123,000	123,000	45,600	45,600	112,000	127,000	N/G	N/G
PCB-207	52663-79-3	ppt-TOC	11	11	100	3,410	24,600	--	--	14,600	14,600	6,130	6,130	13,000	14,000	N/G/Ln	N/G/Ln
PCB-208	52663-77-1	ppt-TOC	11	11	100	8,520	69,500	--	--	41,400	41,400	16,500	16,500	37,000	41,400	N/G	N/G

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-209	2051-24-3	ppt-TOC	11	11	100	16,100	205,000	--	--	104,000	104,000	53,100	53,100	87,700	102,000	N/G/Ln	N/G/Ln
PCB-22	38444-85-8	ppt-TOC	11	11	100	40,500	277,000	--	--	178,000	178,000	73,500	73,500	159,000	183,000	N/G/Ln	N/G/Ln
PCB-23	55720-44-0	ppt-TOC	11	7	64	137	2,960	299	11,300	1,100	625	1,700	797	541	379	G/Ln	Ln
PCB-24/27	PCB-24/27	ppt-TOC	7	7	100	11,300	57,400	--	--	33,500	33,500	15,200	15,200	30,100	29,700	--	--
PCB-25	55712-37-3	ppt-TOC	11	11	100	27,900	137,000	--	--	84,500	84,500	32,100	32,100	78,100	73,700	N/G/Ln	N/G/Ln
PCB-26	38444-81-4	ppt-TOC	7	7	100	35,100	174,000	--	--	108,000	108,000	49,600	49,600	97,300	104,000	--	--
PCB-28	7012-37-5	ppt-TOC	7	7	100	155,000	1,080,000	--	--	617,000	617,000	283,000	283,000	543,000	572,000	--	--
PCB-29	15862-07-4	ppt-TOC	7	6	86	459	1,850	11,300	11,300	1,970	--	1,690	--	1,540	1,650	--	--
PCB-3	2051-62-9	ppt-TOC	11	11	100	4,250	38,600	--	--	20,000	20,000	10,400	10,400	17,200	18,500	N/G/Ln	N/G/Ln
PCB-30	35693-92-6	ppt-TOC	7	2	29	572	595	324	11,300	1,190	--	1,970	--	600	474	--	--
PCB-31	16606-02-3	ppt-TOC	11	11	100	119,000	901,000	--	--	567,000	567,000	250,000	250,000	499,000	556,000	N/G	N/G
PCB-34	37680-68-5	ppt-TOC	11	8	73	748	7,560	284	11,300	3,260	3,110	2,210	1,990	2,260	2,880	N/G/Ln	N/Ln
PCB-35	37680-69-6	ppt-TOC	11	11	100	3,370	105,000	--	--	31,600	31,600	27,600	27,600	23,300	18,900	G/Ln	G/Ln
PCB-36	38444-87-0	ppt-TOC	11	6	55	280	2,140	256	11,300	1,360	895	1,540	600	859	975	N/G/Ln	N/Ln
PCB-37	38444-90-5	ppt-TOC	11	11	100	52,100	359,000	--	--	235,000	235,000	88,500	88,500	212,000	269,000	N/G	N/G
PCB-38	53555-66-1	ppt-TOC	11	7	64	1,080	8,960	284	2,870	2,930	3,140	3,070	2,770	1,650	2,160	N/G/Ln	N/Ln
PCB-39	38444-88-1	ppt-TOC	11	10	91	363	6,690	11,300	11,300	3,780	3,590	2,290	2,200	2,880	4,940	N/G/Ln	N/G/Ln
PCB-4/10	PCB-4/10	ppt-TOC	7	7	100	34,700	109,000	--	--	62,000	62,000	27,300	27,300	57,100	62,500	--	--
PCB-40	38444-93-8	ppt-TOC	6	6	100	13,800	138,000	--	--	--	--	--	--	--	70,500	--	--
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	7	7	100	96,100	684,000	--	--	352,000	352,000	183,000	183,000	307,000	384,000	--	--
PCB-42/59	36559-22-5/7447	ppt-TOC	7	7	100	47,900	313,000	--	--	172,000	172,000	86,100	86,100	151,000	164,000	--	--
PCB-43/49	PCB-43/49	ppt-TOC	7	7	100	117,000	780,000	--	--	478,000	478,000	236,000	236,000	414,000	471,000	--	--
PCB-44	41464-39-5	ppt-TOC	7	7	100	127,000	832,000	--	--	461,000	461,000	227,000	227,000	404,000	454,000	--	--
PCB-45	70362-45-7	ppt-TOC	11	11	100	22,800	228,000	--	--	104,000	104,000	63,500	63,500	86,600	87,800	N/G/Ln	N/G/Ln
PCB-46	41464-47-5	ppt-TOC	11	11	100	9,450	68,300	--	--	38,000	38,000	18,700	18,700	33,200	32,100	N/G/Ln	N/G/Ln
PCB-47	2437-79-8	ppt-TOC	7	7	100	52,000	343,000	--	--	203,000	203,000	99,800	99,800	177,000	196,000	--	--
PCB-48/75	70362-47-9/3259	ppt-TOC	7	7	100	21,700	158,000	--	--	91,500	91,500	49,000	49,000	77,900	82,600	--	--
PCB-5/8	PCB-5/8	ppt-TOC	7	7	100	53,700	261,000	--	--	134,000	134,000	70,700	70,700	119,000	120,000	--	--
PCB-50	62796-65-0	ppt-TOC	7	6	86	534	2,720	11,300	11,300	2,370	--	1,650	--	1,910	2,190	--	--
PCB-51	68194-04-7	ppt-TOC	11	11	100	13,400	228,000	--	--	85,100	85,100	72,900	72,900	59,500	49,600	N/G/Ln	N/G/Ln
PCB-52/69	35693-99-3/6023	ppt-TOC	7	7	100	142,000	951,000	--	--	557,000	557,000	269,000	269,000	485,000	577,000	--	--
PCB-53	41464-41-9	ppt-TOC	7	7	100	25,700	164,000	--	--	84,000	84,000	44,200	44,200	73,600	84,400	--	--
PCB-54	15968-05-5	ppt-TOC	11	10	91	1,070	8,760	802	802	2,840	2,900	2,200	2,030	2,220	2,500	G/Ln	Ln
PCB-55	74338-24-2	ppt-TOC	11	10	91	2,340	18,700	8,020	8,020	9,450	9,600	5,400	5,040	7,990	7,430	N/G/Ln	N/G/Ln
PCB-56/60	PCB-56/60	ppt-TOC	7	7	100	78,000	505,000	--	--	299,000	299,000	130,000	130,000	265,000	302,000	--	--
PCB-57	70424-67-8	ppt-TOC	11	10	91	1,000	8,880	8,950	8,950	5,090	5,150	2,540	2,530	4,370	4,480	N/G/Ln	N/G/Ln
PCB-58	41464-49-7	ppt-TOC	11	10	91	483	44,100	11,300	11,300	14,100	13,800	16,800	16,200	5,720	4,660	G/Ln	Ln
PCB-6	25569-80-6	ppt-TOC	11	11	100	20,000	85,400	--	--	40,300	40,300	19,100	19,100	36,900	38,400	N/G/Ln	N/G/Ln
PCB-61/70	PCB-61/70	ppt-TOC	7	7	100	132,000	896,000	--	--	535,000	535,000	240,000	240,000	471,000	509,000	--	--
PCB-62	54230-22-7	ppt-TOC	7	0	0	--	--	324	11,300	--	--	--	--	--	--	--	--
PCB-63	74472-34-7	ppt-TOC	11	11	100	4,970	60,000	--	--	29,900	29,900	17,000	17,000	25,000	25,300	N/G/Ln	N/G/Ln
PCB-65	33284-54-7	ppt-TOC	7	0	0	--	--	324	11,300	--	--	--	--	--	--	--	--
PCB-67	73575-53-8	ppt-TOC	11	11	100	4,350	42,500	--	--	23,000	23,000	12,200	12,200	19,600	16,500	N/G/Ln	N/G/Ln

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-68	73575-52-7	ppt-TOC	9	8	89	638	11,200	8,330	8,330	5,900	5,970	3,220	3,110	4,730	6,030	N/G	N/G/Ln
PCB-7/9	PCB-7/9	ppt-TOC	7	7	100	5,350	26,300	--	--	11,400	11,400	7,920	7,920	9,510	7,840	--	--
PCB-73	74338-23-1	ppt-TOC	11	2	18	12,600	1,140,000	270	11,300	106,000	--	343,000	--	1,190	474	--	--
PCB-74	32690-93-0	ppt-TOC	7	7	100	52,000	399,000	--	--	242,000	242,000	115,000	115,000	209,000	235,000	--	--
PCB-76/66	PCB-76/66	ppt-TOC	7	7	100	127,000	898,000	--	--	542,000	542,000	260,000	260,000	470,000	507,000	--	--
PCB-77	32598-13-3	ppt-TOC	11	11	100	18,400	174,000	--	--	93,400	93,400	46,900	46,900	81,100	75,000	N/G/Ln	N/G/Ln
PCB-78	70362-49-1	ppt-TOC	11	1	9	1,660	1,660	324	11,300	1,450	--	1,880	--	778	535	--	--
PCB-79	41464-48-6	ppt-TOC	11	11	100	1,620	15,600	--	--	9,620	9,620	4,670	4,670	8,190	9,570	N/G/Ln	N/G/Ln
PCB-80	33284-52-5	ppt-TOC	11	0	0	--	--	324	11,300	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt-TOC	11	9	82	805	3,360	4,690	8,640	2,520	2,340	995	839	2,300	2,680	N	N/Ln
PCB-82	52663-62-4	ppt-TOC	11	11	100	22,700	157,000	--	--	101,000	101,000	44,500	44,500	90,100	89,500	N/G	N/G
PCB-83	60145-20-2	ppt-TOC	7	1	14	474	474	324	11,300	1,130	--	2,000	--	516	474	--	--
PCB-84/92	52663-60-2/5266	ppt-TOC	7	7	100	70,300	511,000	--	--	285,000	285,000	144,000	144,000	246,000	289,000	--	--
PCB-85/116	PCB-85/116	ppt-TOC	7	7	100	28,100	212,000	--	--	113,000	113,000	56,100	56,100	98,300	112,000	--	--
PCB-86	55312-69-1	ppt-TOC	7	6	86	3,060	10,200	324	324	5,300	--	3,490	--	3,380	4,830	--	--
PCB-87/117/125	38380-02-8/6819	ppt-TOC	7	7	100	57,100	398,000	--	--	210,000	210,000	105,000	105,000	184,000	228,000	--	--
PCB-88/91	PCB-88/91	ppt-TOC	7	7	100	29,400	246,000	--	--	127,000	127,000	71,000	71,000	107,000	120,000	--	--
PCB-89	73575-57-2	ppt-TOC	11	11	100	2,520	21,000	--	--	12,700	12,700	5,960	5,960	11,100	10,500	N/G/Ln	N/G/Ln
PCB-90/101	PCB-90/101	ppt-TOC	7	7	100	176,000	1,260,000	--	--	712,000	712,000	361,000	361,000	612,000	748,000	--	--
PCB-93	73575-56-1	ppt-TOC	7	0	0	--	--	324	11,300	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt-TOC	11	11	100	1,600	15,100	--	--	6,950	6,950	3,670	3,670	6,040	6,140	N/G/Ln	N/G/Ln
PCB-95/98/102	38379-99-6/6023	ppt-TOC	7	7	100	154,000	1,140,000	--	--	575,000	575,000	321,000	321,000	491,000	586,000	--	--
PCB-96	73575-54-9	ppt-TOC	11	11	100	1,280	18,200	--	--	6,750	6,750	4,440	4,440	5,610	5,910	G/Ln	G/Ln
PCB-97	41464-51-1	ppt-TOC	7	7	100	46,700	360,000	--	--	205,000	205,000	103,000	103,000	176,000	207,000	--	--
PCB-99	38380-01-7	ppt-TOC	7	7	100	73,700	593,000	--	--	351,000	351,000	184,000	184,000	296,000	327,000	--	--
Total Congener PCBs (209)	No CAS	ppt-TOC	11	11	100	5,770,000	40,700,000	--	--	23,600,000	23,600,000	10,700,000	10,700,000	20,900,000	23,100,000	N/G/Ln	N/G/Ln
Total Congener PCBs (NOAA 1989)	No CAS	ppt-TOC	11	11	100	4,470,000	30,800,000	--	--	17,800,000	17,800,000	7,760,000	7,760,000	15,900,000	17,900,000	N/G/Ln	N/G/Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	18	18	100	6,500	429,000	--	--	46,400	46,400	98,100	98,100	21,100	14,200	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	18	18	100	2,430	76,300	--	--	14,100	14,100	16,800	16,800	9,940	8,460	Ln	Ln
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	18	18	100	151	3,860	--	--	1,130	1,130	1,020	1,020	826	808	Ln	Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	18	18	100	74.5	549	--	--	237	237	129	129	207	204	N/G/Ln	N/G/Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	18	18	100	407	4,500	--	--	1,730	1,730	953	953	1,500	1,650	G/Ln	G/Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	18	18	100	296	10,700	--	--	1,610	1,610	2,350	2,350	1,060	984	Ln	Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	18	18	100	186	2,280	--	--	922	922	576	576	770	765	G/Ln	G/Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	18	18	100	172	4,310	--	--	808	808	924	924	604	580	NP	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	18	13	72	13.0	482	5.56	86.2	166	164	162	159	84.2	85.9	N/G/Ln	N/Ln
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	18	18	100	60.1	449	--	--	233	233	126	126	199	199	N/G/Ln	N/G/Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	18	18	100	106	1,150	--	--	533	533	261	261	457	592	N/G	N/G
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	18	18	100	152	1,590	--	--	600	600	345	345	518	516	G/Ln	G/Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	18	18	100	150	1,440	--	--	570	570	320	320	494	490	G/Ln	G/Ln

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2,3,7,8-TCDD	1746-01-6	ppt-TOC	18	18	100	182	3,500	--	--	1,200	1,200	902	902	917	918	G/Ln	G/Ln
2,3,7,8-TCDF	51207-31-9	ppt-TOC	18	18	100	161	1,800	--	--	750	750	433	433	624	704	N/G/Ln	N/G/Ln
OCDD	3268-87-9	ppt-TOC	18	18	100	66,500	3,160,000	--	--	422,000	422,000	721,000	721,000	229,000	171,000	NP	NP
OCDF	39001-02-0	ppt-TOC	18	18	100	4,010	463,000	--	--	46,300	46,300	106,000	106,000	20,000	14,600	NP	NP
Total HpCDD	37871-00-4	ppt-TOC	18	18	100	14,500	648,000	--	--	82,200	82,200	146,000	146,000	45,400	33,200	NP	NP
Total HpCDF	38998-75-3	ppt-TOC	18	18	100	4,770	368,000	--	--	41,800	41,800	83,000	83,000	21,300	15,800	NP	NP
Total HxCDD	34465-46-8	ppt-TOC	18	18	100	2,500	54,000	--	--	12,200	12,200	11,400	11,400	9,510	10,200	Ln	Ln
Total HxCDF	55684-94-1	ppt-TOC	18	18	100	4,080	87,600	--	--	17,000	17,000	18,700	18,700	13,000	11,700	NP	NP
Total PeCDD	36088-22-9	ppt-TOC	18	18	100	807	9,760	--	--	3,900	3,900	2,610	2,610	3,110	3,670	N/G/Ln	N/G/Ln
Total PeCDF	30402-15-4	ppt-TOC	18	18	100	4,260	19,300	--	--	10,900	10,900	4,390	4,390	10,000	11,300	N/G/Ln	N/G/Ln
Total TCDD	41903-57-5	ppt-TOC	18	18	100	779	10,400	--	--	4,600	4,600	2,840	2,840	3,630	4,500	N/G/Ln	N/G/Ln
Total TCDF	55722-27-5	ppt-TOC	18	18	100	3,720	27,500	--	--	13,900	13,900	6,650	6,650	12,100	15,000	N/G/Ln	N/G/Ln
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	18	18	100	7,500	67,300	--	--	22,300	22,300	15,200	15,200	19,000	18,600	G/Ln	G/Ln
PCB-100	39485-83-1	ppt-TOC	15	15	100	6,250	180,000	--	--	42,600	42,600	51,100	51,100	25,400	28,900	G/Ln	G/Ln
PCB-103	60145-21-3	ppt-TOC	18	18	100	3,270	164,000	--	--	34,500	34,500	37,800	37,800	22,600	22,200	G/Ln	G/Ln
PCB-104	56558-16-8	ppt-TOC	18	12	67	341	11,800	614	9,330	2,650	2,270	3,010	3,010	1,540	1,480	G/Ln	NP
PCB-105	32598-14-4	ppt-TOC	18	18	100	96,200	667,000	--	--	288,000	288,000	172,000	172,000	243,000	229,000	N/G/Ln	N/G/Ln
PCB-106/118	PCB-106/118	ppt-TOC	15	15	100	284,000	2,180,000	--	--	885,000	885,000	524,000	524,000	760,000	705,000	G/Ln	G/Ln
PCB-107/109	70424-68-9/7447	ppt-TOC	15	15	100	21,000	149,000	--	--	71,100	71,100	36,000	36,000	62,300	71,200	N/G/Ln	N/G/Ln
PCB-108/112	70362-41-3/7447	ppt-TOC	15	15	100	17,700	101,000	--	--	51,500	51,500	24,000	24,000	46,200	43,400	N/G/Ln	N/G/Ln
PCB-11	2050-67-1	ppt-TOC	18	18	100	34,000	1,040,000	--	--	347,000	347,000	284,000	284,000	238,000	250,000	N/G/Ln	N/G/Ln
PCB-110	38380-03-9	ppt-TOC	15	15	100	463,000	2,820,000	--	--	1,220,000	1,220,000	716,000	716,000	1,060,000	1,040,000	G/Ln	G/Ln
PCB-111/115	PCB-111/115	ppt-TOC	15	15	100	3,910	31,700	--	--	14,600	14,600	8,800	8,800	12,100	11,700	N/G/Ln	N/G/Ln
PCB-113	68194-10-5	ppt-TOC	15	14	93	3,830	34,100	480	480	10,700	11,000	8,360	7,810	7,390	9,480	G/Ln	N/Ln
PCB-114	74472-37-0	ppt-TOC	18	18	100	4,700	51,700	--	--	18,000	18,000	12,200	12,200	14,500	14,100	G/Ln	G/Ln
PCB-119	56558-17-9	ppt-TOC	15	15	100	9,810	187,000	--	--	59,700	59,700	50,700	50,700	44,200	42,000	G/Ln	G/Ln
PCB-12/13	PCB-12/13	ppt-TOC	18	18	100	23,700	173,000	--	--	80,400	80,400	42,100	42,100	69,600	77,700	N/G/Ln	N/G/Ln
PCB-120	68194-12-7	ppt-TOC	18	16	89	1,110	11,300	4,690	5,250	4,540	4,580	2,760	2,680	3,830	3,840	N/G/Ln	N/G/Ln
PCB-121	56558-18-0	ppt-TOC	18	0	0	--	--	152	9,330	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt-TOC	18	18	100	3,610	21,700	--	--	10,400	10,400	5,370	5,370	9,160	8,940	N/G/Ln	N/G/Ln
PCB-123	65510-44-3	ppt-TOC	18	18	100	3,890	33,900	--	--	15,200	15,200	8,270	8,270	13,100	13,800	N/G/Ln	N/G/Ln
PCB-124	70424-70-3	ppt-TOC	15	15	100	13,300	71,000	--	--	31,900	31,900	18,800	18,800	27,600	24,200	G/Ln	G/Ln
PCB-126	57465-28-8	ppt-TOC	18	18	100	1,690	9,980	--	--	4,870	4,870	2,660	2,660	4,250	4,100	G/Ln	G/Ln
PCB-127	39635-33-1	ppt-TOC	18	1	6	1,580	1,580	152	9,330	951	--	1,120	--	575	469	--	--
PCB-128/162	PCB-128/162	ppt-TOC	15	15	100	4,860	343,000	--	--	133,000	133,000	84,700	84,700	101,000	101,000	N/G	N/G
PCB-129	55215-18-4	ppt-TOC	15	15	100	13,500	100,000	--	--	37,900	37,900	24,100	24,100	32,300	27,800	G/Ln	G/Ln
PCB-130	52663-66-8	ppt-TOC	18	18	100	33,600	228,000	--	--	71,200	71,200	46,800	46,800	61,800	55,500	G/Ln	G/Ln
PCB-131	61798-70-7	ppt-TOC	18	3	17	10,000	30,000	152	3,480	3,720	--	8,050	--	792	469	--	--
PCB-132/161	38380-05-1/7447	ppt-TOC	15	15	100	108,000	1,230,000	--	--	333,000	333,000	273,000	273,000	272,000	285,000	G/Ln	G/Ln
PCB-133/142	PCB-133/142	ppt-TOC	15	15	100	17,200	127,000	--	--	38,500	38,500	27,000	27,000	33,500	28,700	Ln	Ln
PCB-134/143	PCB-134/143	ppt-TOC	18	18	100	31,600	239,000	--	--	69,800	69,800	51,600	51,600	58,900	50,500	G/Ln	G/Ln
PCB-135	52744-13-5	ppt-TOC	15	15	100	84,800	869,000	--	--	201,000	201,000	193,000	193,000	161,000	177,000	G	G

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-136	38411-22-2	ppt-TOC	18	18	100	79,600	1,050,000	--	--	214,000	214,000	218,000	218,000	169,000	177,000	NP	NP
PCB-137	35694-06-5	ppt-TOC	18	18	100	17,600	98,200	--	--	43,200	43,200	27,400	27,400	36,500	31,300	G/Ln	G/Ln
PCB-138/163/164	35065-28-2/7447	ppt-TOC	15	15	100	592,000	4,880,000	--	--	1,290,000	1,290,000	1,060,000	1,060,000	1,070,000	1,120,000	G	G
PCB-139/149	PCB-139/149	ppt-TOC	15	15	100	538,000	6,190,000	--	--	1,360,000	1,360,000	1,390,000	1,390,000	1,070,000	1,160,000	G	G
PCB-14	34883-41-5	ppt-TOC	18	2	11	480	551	152	9,330	1,050	--	1,160	--	648	494	--	--
PCB-140	59291-64-4	ppt-TOC	15	15	100	2,010	41,300	--	--	10,900	10,900	9,610	9,610	8,490	8,190	Ln	Ln
PCB-141	52712-04-6	ppt-TOC	18	18	100	66,700	1,200,000	--	--	261,000	261,000	255,000	255,000	200,000	241,000	G/Ln	G/Ln
PCB-144	68194-14-9	ppt-TOC	18	18	100	19,300	303,000	--	--	68,200	68,200	64,100	64,100	53,100	61,400	G/Ln	G/Ln
PCB-145	74472-40-5	ppt-TOC	18	9	50	140	613	659	18,300	1,510	298	2,410	170	633	494	Ln	NP
PCB-146/165	51908-16-8/7447	ppt-TOC	15	15	100	98,500	989,000	--	--	241,000	241,000	216,000	216,000	199,000	187,000	NP	NP
PCB-147	68194-13-8	ppt-TOC	15	15	100	10,900	296,000	--	--	61,100	61,100	70,200	70,200	42,300	34,800	G/Ln	G/Ln
PCB-148	74472-41-6	ppt-TOC	18	17	94	1,110	32,300	18,300	18,300	7,130	6,920	6,820	6,650	5,380	6,350	G/Ln	G/Ln
PCB-15	2050-68-2	ppt-TOC	18	18	100	24,500	608,000	--	--	301,000	301,000	168,000	168,000	235,000	295,000	N/G	N/G
PCB-150	68194-08-1	ppt-TOC	18	18	100	2,560	92,800	--	--	14,600	14,600	20,300	20,300	9,640	8,920	G/Ln	G/Ln
PCB-151	52663-63-5	ppt-TOC	15	15	100	158,000	2,010,000	--	--	420,000	420,000	454,000	454,000	325,000	350,000	NP	NP
PCB-152	68194-09-2	ppt-TOC	18	15	83	536	13,900	9,390	18,300	3,790	3,120	4,000	3,810	2,280	1,500	NP	G
PCB-153	35065-27-1	ppt-TOC	15	15	100	599,000	7,450,000	--	--	1,650,000	1,650,000	1,650,000	1,650,000	1,320,000	1,250,000	NP	NP
PCB-154	60145-22-4	ppt-TOC	15	15	100	14,600	549,000	--	--	87,700	87,700	131,000	131,000	53,500	51,000	G/Ln	G/Ln
PCB-155	33979-03-2	ppt-TOC	18	16	89	928	34,800	9,390	10,300	10,200	10,100	9,260	9,060	7,020	6,640	G/Ln	G/Ln
PCB-156	38380-08-4	ppt-TOC	15	15	100	42,400	309,000	--	--	94,800	94,800	69,600	69,600	79,700	63,300	G/Ln	G/Ln
PCB-157	69782-90-7	ppt-TOC	15	15	100	7,580	38,500	--	--	18,300	18,300	9,980	9,980	16,200	15,100	G/Ln	G/Ln
PCB-158/160	74472-42-7/4141	ppt-TOC	15	15	100	57,700	454,000	--	--	130,000	130,000	100,000	100,000	109,000	103,000	G/Ln	G/Ln
PCB-159	39635-35-3	ppt-TOC	18	8	44	2,530	25,000	614	3,480	5,630	6,620	7,520	6,660	2,060	1,550	N/G/Ln	NP
PCB-16/32	PCB-16/32	ppt-TOC	15	15	100	134,000	1,020,000	--	--	461,000	461,000	253,000	253,000	393,000	467,000	N/G/Ln	N/G/Ln
PCB-166	41411-63-6	ppt-TOC	15	15	100	1,200	6,830	--	--	3,050	3,050	1,750	1,750	2,640	2,230	G/Ln	G/Ln
PCB-167	52663-72-6	ppt-TOC	18	18	100	21,300	137,000	--	--	44,900	44,900	28,500	28,500	39,200	34,500	G/Ln	G/Ln
PCB-168	59291-65-5	ppt-TOC	15	14	93	1,650	24,600	480	480	4,770	4,860	5,740	5,480	3,180	3,580	NP	Ln
PCB-169	32774-16-6	ppt-TOC	18	2	11	850	3,170	136	9,390	745	--	1,210	--	381	277	--	--
PCB-17	37680-66-3	ppt-TOC	18	18	100	30,600	747,000	--	--	303,000	303,000	189,000	189,000	237,000	296,000	N/G/Ln	N/G/Ln
PCB-170	35065-30-6	ppt-TOC	18	18	100	149,000	1,940,000	--	--	402,000	402,000	407,000	407,000	315,000	315,000	G	G
PCB-171	52663-71-5	ppt-TOC	15	15	100	43,700	583,000	--	--	124,000	124,000	133,000	133,000	94,700	86,200	G/Ln	G/Ln
PCB-172	52663-74-8	ppt-TOC	18	18	100	27,100	363,000	--	--	73,200	73,200	76,100	76,100	57,200	56,300	G	G
PCB-173	68194-16-1	ppt-TOC	15	15	100	3,570	52,400	--	--	10,800	10,800	12,100	12,100	7,930	7,890	G/Ln	G/Ln
PCB-174	38411-25-5	ppt-TOC	18	18	100	173,000	2,890,000	--	--	536,000	536,000	617,000	617,000	396,000	411,000	G	G
PCB-175	40186-70-7	ppt-TOC	18	18	100	8,490	105,000	--	--	21,600	21,600	22,100	22,100	17,000	15,800	G	G
PCB-176	52663-65-7	ppt-TOC	18	18	100	24,600	381,000	--	--	72,700	72,700	80,700	80,700	55,300	53,400	NP	NP
PCB-177	52663-70-4	ppt-TOC	18	18	100	107,000	1,500,000	--	--	295,000	295,000	317,000	317,000	227,000	218,000	G	G
PCB-178	52663-67-9	ppt-TOC	18	18	100	41,100	585,000	--	--	112,000	112,000	122,000	122,000	88,000	82,800	NP	NP
PCB-179	52663-64-6	ppt-TOC	18	18	100	88,800	1,380,000	--	--	261,000	261,000	290,000	290,000	202,000	188,000	NP	NP
PCB-18	37680-65-2	ppt-TOC	18	18	100	77,600	1,470,000	--	--	578,000	578,000	375,000	375,000	460,000	544,000	N/G/Ln	N/G/Ln
PCB-180	35065-29-3	ppt-TOC	15	15	100	387,000	5,670,000	--	--	1,150,000	1,150,000	1,300,000	1,300,000	860,000	762,000	G	G
PCB-181	74472-47-2	ppt-TOC	18	14	78	1,760	9,960	480	9,390	3,780	3,880	2,420	2,220	2,900	3,550	N/G/Ln	N/Ln
PCB-182/187	PCB-182/187	ppt-TOC	15	15	100	262,000	3,770,000	--	--	762,000	762,000	854,000	854,000	587,000	491,000	NP	NP

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-183	52663-69-1	ppt-TOC	18	18	100	105,000	1,430,000	--	--	291,000	291,000	299,000	299,000	229,000	218,000	G	G
PCB-184	74472-48-3	ppt-TOC	18	13	72	322	2,840	286	18,300	1,930	1,040	2,270	631	1,180	1,140	N/G/Ln	Ln
PCB-185	52712-05-7	ppt-TOC	18	18	100	18,300	321,000	--	--	59,700	59,700	68,700	68,700	43,900	49,100	G	G
PCB-186	74472-49-4	ppt-TOC	18	0	0	--	--	152	18,300	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt-TOC	18	14	78	914	27,600	2,700	18,300	5,030	4,510	6,150	5,990	3,310	3,590	G/Ln	G/Ln
PCB-189	39635-31-9	ppt-TOC	18	18	100	5,710	64,300	--	--	14,500	14,500	13,500	13,500	11,600	9,290	G	G
PCB-19	38444-73-4	ppt-TOC	18	18	100	4,690	162,000	--	--	70,600	70,600	46,400	46,400	53,000	63,000	N/G/Ln	N/G/Ln
PCB-190	41411-64-7	ppt-TOC	18	18	100	31,900	422,000	--	--	86,800	86,800	88,800	88,800	67,700	62,900	NP	NP
PCB-191	74472-50-7	ppt-TOC	18	18	100	7,080	89,400	--	--	18,200	18,200	18,700	18,700	14,300	13,000	NP	NP
PCB-192	74472-51-8	ppt-TOC	18	0	0	--	--	152	18,300	--	--	--	--	--	--	--	--
PCB-193	69782-91-8	ppt-TOC	15	15	100	20,300	293,000	--	--	60,500	60,500	66,700	66,700	46,200	38,200	NP	NP
PCB-194	35694-08-7	ppt-TOC	18	18	100	106,000	1,090,000	--	--	254,000	254,000	221,000	221,000	212,000	191,000	G	G
PCB-195	52663-78-2	ppt-TOC	18	18	100	42,800	544,000	--	--	113,000	113,000	113,000	113,000	89,900	84,100	G	G
PCB-196/203	PCB-196/203	ppt-TOC	15	15	100	129,000	1,480,000	--	--	313,000	313,000	332,000	332,000	248,000	210,000	NP	NP
PCB-197	33091-17-7	ppt-TOC	18	18	100	4,320	47,600	--	--	11,100	11,100	9,720	9,720	9,170	8,800	NP	NP
PCB-198	68194-17-2	ppt-TOC	15	15	100	7,150	70,400	--	--	15,000	15,000	15,700	15,700	11,900	10,000	NP	NP
PCB-199	52663-75-9	ppt-TOC	15	15	100	131,000	1,410,000	--	--	308,000	308,000	313,000	313,000	248,000	218,000	NP	NP
PCB-2	2051-61-8	ppt-TOC	18	18	100	1,970	18,100	--	--	9,860	9,860	4,790	4,790	8,480	9,110	N/G	N/G
PCB-20/21/33	38444-84-7/5570	ppt-TOC	15	15	100	99,600	740,000	--	--	338,000	338,000	181,000	181,000	294,000	285,000	N/G/Ln	N/G/Ln
PCB-200	52663-73-7	ppt-TOC	18	18	100	13,300	192,000	--	--	39,700	39,700	39,900	39,900	31,400	28,600	G	G
PCB-201	40186-71-8	ppt-TOC	18	18	100	17,400	171,000	--	--	41,200	41,200	34,100	34,100	35,000	34,500	G	G
PCB-202	2136-99-4	ppt-TOC	18	18	100	35,300	242,000	--	--	75,100	75,100	50,200	50,200	65,200	57,500	Ln	Ln
PCB-204	74472-52-9	ppt-TOC	18	2	11	218	513	152	18,300	1,530	--	2,410	--	651	469	--	--
PCB-205	74472-53-0	ppt-TOC	18	18	100	4,560	47,400	--	--	11,500	11,500	9,720	9,720	9,540	9,580	G/Ln	G/Ln
PCB-206	40186-72-9	ppt-TOC	18	18	100	67,500	469,000	--	--	161,000	161,000	101,000	101,000	140,000	127,000	Ln	Ln
PCB-207	52663-79-3	ppt-TOC	18	18	100	7,640	39,300	--	--	17,700	17,700	9,620	9,620	15,800	13,600	Ln	Ln
PCB-208	52663-77-1	ppt-TOC	18	18	100	17,200	184,000	--	--	52,800	52,800	38,900	38,900	44,400	40,800	Ln	Ln
PCB-209	2051-24-3	ppt-TOC	18	18	100	23,500	490,000	--	--	134,000	134,000	113,000	113,000	104,000	105,000	Ln	Ln
PCB-22	38444-85-8	ppt-TOC	18	18	100	28,600	498,000	--	--	244,000	244,000	143,000	143,000	200,000	195,000	N/G/Ln	N/G/Ln
PCB-23	55720-44-0	ppt-TOC	18	17	94	259	3,000	3,480	3,480	1,260	1,230	867	859	991	1,020	G/Ln	G/Ln
PCB-24/27	PCB-24/27	ppt-TOC	15	15	100	20,300	157,000	--	--	68,800	68,800	36,700	36,700	59,700	65,600	N/G/Ln	N/G/Ln
PCB-25	55712-37-3	ppt-TOC	18	18	100	5,100	228,000	--	--	113,000	113,000	59,800	59,800	87,400	108,000	N	N
PCB-26	38444-81-4	ppt-TOC	15	15	100	68,800	342,000	--	--	176,000	176,000	75,300	75,300	161,000	161,000	N/G/Ln	N/G/Ln
PCB-28	7012-37-5	ppt-TOC	15	15	100	352,000	1,740,000	--	--	1,070,000	1,070,000	431,000	431,000	972,000	1,030,000	N/G/Ln	N/G/Ln
PCB-29	15862-07-4	ppt-TOC	15	15	100	749	6,510	--	--	2,870	2,870	1,870	1,870	2,330	2,380	N/G/Ln	N/G/Ln
PCB-3	2051-62-9	ppt-TOC	18	18	100	5,880	48,300	--	--	21,500	21,500	11,300	11,300	18,700	21,300	N/G/Ln	N/G/Ln
PCB-30	35693-92-6	ppt-TOC	18	13	72	398	2,200	286	9,330	1,300	949	1,110	522	930	1,060	N/G/Ln	N/Ln
PCB-31	16606-02-3	ppt-TOC	18	18	100	85,700	1,660,000	--	--	769,000	769,000	399,000	399,000	642,000	781,000	N/G	N/G
PCB-34	37680-68-5	ppt-TOC	18	16	89	1,740	15,100	4,690	5,250	6,680	6,720	3,970	3,830	5,510	6,210	N/G/Ln	N/G/Ln
PCB-35	37680-69-6	ppt-TOC	18	18	100	8,470	125,000	--	--	35,800	35,800	28,100	28,100	28,100	34,100	G/Ln	G/Ln
PCB-36	38444-87-0	ppt-TOC	18	15	83	393	2,590	4,690	9,330	1,780	1,490	1,020	691	1,500	1,700	N/G/Ln	N/G/Ln
PCB-37	38444-90-5	ppt-TOC	18	18	100	22,400	413,000	--	--	239,000	239,000	113,000	113,000	200,000	269,000	N	N
PCB-38	53555-66-1	ppt-TOC	18	15	83	1,680	58,800	4,690	9,330	12,200	12,300	14,600	14,200	7,050	5,080	G/Ln	G/Ln

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-39	38444-88-1	ppt-TOC	18	15	83	697	6,790	4,690	9,330	3,210	3,160	1,540	1,540	2,780	3,040	N/G	N
PCB-4/10	PCB-4/10	ppt-TOC	15	15	100	43,300	316,000	--	--	122,000	122,000	72,700	72,700	105,000	120,000	G/Ln	G/Ln
PCB-40	38444-93-8	ppt-TOC	15	15	100	26,800	226,000	--	--	94,200	94,200	66,100	66,100	74,100	69,100	G/Ln	G/Ln
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	13	13	100	178,000	1,020,000	--	--	611,000	611,000	270,000	270,000	544,000	591,000	N/G/Ln	N/G/Ln
PCB-42/59	36559-22-5/7447	ppt-TOC	15	15	100	95,900	535,000	--	--	289,000	289,000	128,000	128,000	260,000	290,000	N/G/Ln	N/G/Ln
PCB-43/49	PCB-43/49	ppt-TOC	15	15	100	274,000	1,960,000	--	--	936,000	936,000	461,000	461,000	820,000	983,000	N/G/Ln	N/G/Ln
PCB-44	41464-39-5	ppt-TOC	15	15	100	269,000	1,560,000	--	--	795,000	795,000	362,000	362,000	713,000	762,000	N/G/Ln	N/G/Ln
PCB-45	70362-45-7	ppt-TOC	15	15	100	41,900	251,000	--	--	116,000	116,000	61,900	61,900	101,000	91,900	N/G/Ln	N/G/Ln
PCB-46	41464-47-5	ppt-TOC	18	18	100	10,600	167,000	--	--	74,400	74,400	46,200	46,200	59,600	65,100	N/G/Ln	N/G/Ln
PCB-47	2437-79-8	ppt-TOC	15	15	100	95,200	1,620,000	--	--	437,000	437,000	363,000	363,000	346,000	394,000	G/Ln	G/Ln
PCB-48/75	70362-47-9/3259	ppt-TOC	15	15	100	48,600	336,000	--	--	171,000	171,000	78,000	78,000	152,000	165,000	N/G/Ln	N/G/Ln
PCB-5/8	PCB-5/8	ppt-TOC	15	15	100	81,400	658,000	--	--	253,000	253,000	160,000	160,000	215,000	222,000	G/Ln	G/Ln
PCB-50	62796-65-0	ppt-TOC	15	15	100	1,100	7,240	--	--	4,120	4,120	1,820	1,820	3,640	4,440	N/G/Ln	N/G/Ln
PCB-51	68194-04-7	ppt-TOC	15	15	100	25,400	580,000	--	--	122,000	122,000	144,000	144,000	79,600	59,400	Ln	Ln
PCB-52/69	35693-99-3/6023	ppt-TOC	15	15	100	361,000	1,710,000	--	--	1,030,000	1,030,000	429,000	429,000	937,000	952,000	N/G/Ln	N/G/Ln
PCB-53	41464-41-9	ppt-TOC	15	15	100	55,200	494,000	--	--	207,000	207,000	131,000	131,000	170,000	176,000	N/G/Ln	N/G/Ln
PCB-54	15968-05-5	ppt-TOC	18	16	89	1,820	72,000	939	1,030	9,490	9,640	16,900	16,400	4,000	3,140	NP	Ln
PCB-55	74338-24-2	ppt-TOC	18	16	89	4,770	28,300	939	1,030	11,700	12,200	7,910	7,090	8,040	10,600	N/G/Ln	N/Ln
PCB-56/60	PCB-56/60	ppt-TOC	15	15	100	145,000	761,000	--	--	426,000	426,000	187,000	187,000	383,000	395,000	N/G/Ln	N/G/Ln
PCB-57	70424-67-8	ppt-TOC	18	17	94	1,900	14,200	939	939	6,200	6,280	3,740	3,530	4,870	5,790	N/G/Ln	N/Ln
PCB-58	41464-49-7	ppt-TOC	18	15	83	1,060	6,960	939	1,830	3,600	3,680	2,100	1,930	2,780	3,740	N/G/Ln	N
PCB-6	25569-80-6	ppt-TOC	18	18	100	11,000	153,000	--	--	58,400	58,400	36,600	36,600	48,900	52,900	G/Ln	G/Ln
PCB-61/70	PCB-61/70	ppt-TOC	15	15	100	277,000	1,660,000	--	--	949,000	949,000	407,000	407,000	851,000	947,000	N/G/Ln	N/G/Ln
PCB-62	54230-22-7	ppt-TOC	15	0	0	--	--	152	3,480	--	--	--	--	--	--	--	--
PCB-63	74472-34-7	ppt-TOC	18	18	100	7,960	95,000	--	--	35,800	35,800	20,400	20,400	30,300	34,000	N/G/Ln	N/G/Ln
PCB-65	33284-54-7	ppt-TOC	15	0	0	--	--	152	3,480	--	--	--	--	--	--	--	--
PCB-67	73575-53-8	ppt-TOC	18	18	100	4,080	71,700	--	--	28,600	28,600	16,600	16,600	23,700	26,400	N/G/Ln	N/G/Ln
PCB-68	73575-52-7	ppt-TOC	10	9	90	1,030	11,100	939	939	5,420	5,480	4,050	3,770	3,480	6,520	N/G	N/Ln
PCB-7/9	PCB-7/9	ppt-TOC	15	15	100	8,410	72,800	--	--	23,400	23,400	20,300	20,300	18,000	14,100	Ln	Ln
PCB-73	74338-23-1	ppt-TOC	18	3	17	1,820	12,300	152	3,480	1,540	--	2,920	--	638	469	--	--
PCB-74	32690-93-0	ppt-TOC	15	15	100	97,200	600,000	--	--	384,000	384,000	152,000	152,000	344,000	400,000	N	N
PCB-76/66	PCB-76/66	ppt-TOC	15	15	100	253,000	1,460,000	--	--	932,000	932,000	369,000	369,000	839,000	1,010,000	N/G	N/G
PCB-77	32598-13-3	ppt-TOC	18	18	100	30,700	375,000	--	--	118,000	118,000	82,300	82,300	96,900	96,900	G/Ln	G/Ln
PCB-78	70362-49-1	ppt-TOC	18	3	17	5,010	6,670	286	3,480	1,480	--	1,990	--	777	494	--	--
PCB-79	41464-48-6	ppt-TOC	18	18	100	3,530	38,100	--	--	16,400	16,400	10,600	10,600	13,200	14,000	N/G/Ln	N/G/Ln
PCB-80	33284-52-5	ppt-TOC	18	0	0	--	--	152	3,480	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt-TOC	18	15	83	1,480	10,500	939	1,830	3,570	3,720	2,890	2,680	2,550	2,650	G/Ln	N/Ln
PCB-82	52663-62-4	ppt-TOC	18	18	100	22,600	250,000	--	--	106,000	106,000	59,500	59,500	89,900	98,800	N/G/Ln	N/G/Ln
PCB-83	60145-20-2	ppt-TOC	15	4	27	325	738	286	3,480	643	--	444	--	527	474	--	--
PCB-84/92	52663-60-2/5266	ppt-TOC	15	15	100	186,000	1,010,000	--	--	471,000	471,000	256,000	256,000	418,000	381,000	G/Ln	G/Ln
PCB-85/116	PCB-85/116	ppt-TOC	15	15	100	48,300	261,000	--	--	138,000	138,000	70,200	70,200	120,000	135,000	N/G/Ln	N/G/Ln
PCB-86	55312-69-1	ppt-TOC	15	14	93	1,880	14,100	480	480	6,030	6,140	3,430	3,140	4,630	6,270	N/G/Ln	N/Ln
PCB-87/117/125	38380-02-8/6819	ppt-TOC	15	15	100	95,700	607,000	--	--	280,000	280,000	163,000	163,000	240,000	228,000	N/G/Ln	N/G/Ln

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-88/91	PCB-88/91	ppt-TOC	18	18	100	67,600	628,000	--	--	231,000	231,000	154,000	154,000	193,000	184,000	G/Ln	G/Ln
PCB-89	73575-57-2	ppt-TOC	18	18	100	2,510	40,000	--	--	13,700	13,700	8,860	8,860	11,200	12,600	G/Ln	G/Ln
PCB-90/101	PCB-90/101	ppt-TOC	15	15	100	444,000	3,590,000	--	--	1,310,000	1,310,000	828,000	828,000	1,120,000	1,030,000	G/Ln	G/Ln
PCB-93	73575-56-1	ppt-TOC	15	0	0	--	--	152	3,480	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt-TOC	18	18	100	2,450	56,000	--	--	15,000	15,000	15,500	15,500	9,860	8,010	G/Ln	G/Ln
PCB-95/98/102	38379-99-6/6023	ppt-TOC	15	15	100	398,000	2,660,000	--	--	993,000	993,000	600,000	600,000	874,000	795,000	G/Ln	G/Ln
PCB-96	73575-54-9	ppt-TOC	18	18	100	2,650	19,300	--	--	10,400	10,400	5,510	5,510	8,750	11,100	N/G/Ln	N/G/Ln
PCB-97	41464-51-1	ppt-TOC	15	15	100	100,000	720,000	--	--	316,000	316,000	169,000	169,000	276,000	268,000	N/G/Ln	N/G/Ln
PCB-99	38380-01-7	ppt-TOC	15	15	100	172,000	1,830,000	--	--	745,000	745,000	511,000	511,000	599,000	627,000	G/Ln	G/Ln
Total PCB Congeners (209)	No CAS	ppt-TOC	18	18	100	13,800,000	94,800,000	--	--	33,900,000	33,900,000	19,800,000	19,800,000	29,800,000	28,500,000	G/Ln	G/Ln
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	15	15	100	11,200,000	76,300,000	--	--	26,000,000	26,000,000	15,900,000	15,900,000	23,000,000	21,200,000	G/Ln	G/Ln
Subsurface (>3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	24	24	100	471	30,700	--	--	10,700	10,700	10,700	10,700	5,360	5,600	G/Ln	G/Ln
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	24	22	92	68.2	29,600	74.6	150	7,650	7,650	8,750	8,560	2,440	3,870	G/Ln	N/Ln
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	24	21	88	36.7	6,390	11.3	93.8	1,280	1,280	1,850	1,810	343	313	G/Ln	Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	24	22	92	16.2	520	90.0	103	145	145	152	149	86.8	80.2	G/Ln	G/Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	24	22	92	15.8	13,500	34.0	58.3	1,950	1,950	3,050	2,990	525	557	G/Ln	G/Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	24	22	92	37.5	2,180	103	219	603	602	712	698	272	243	G/Ln	Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	24	22	92	4.93	5,340	36.3	58.3	958	957	1,310	1,280	311	377	G/Ln	G/Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	24	23	96	27.9	1,150	208	208	330	329	336	329	195	229	G/Ln	G/Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	24	17	71	9.97	1,360	8.88	418	252	244	355	350	86.8	63.4	G/Ln	Ln
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	24	22	92	13.1	430	57.8	60.9	138	139	139	136	77.8	64.3	G/Ln	G/Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	24	20	83	49.2	7,560	17.5	73.4	799	804	1,560	1,530	231	190	Ln	Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	24	22	92	12.0	1,910	42.8	61.1	481	480	548	537	213	219	G/Ln	Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	24	22	92	22.9	5,020	65.5	68.1	602	603	1,040	1,020	227	212	G/Ln	Ln
2,3,7,8-TCDD	1746-01-6	ppt-TOC	24	17	71	16.1	5,780	8.21	94.7	906	906	1,630	1,590	151	201	G/Ln	Ln
2,3,7,8-TCDF	51207-31-9	ppt-TOC	24	22	92	22.2	8,810	64.8	80.6	931	931	1,810	1,770	296	256	G/Ln	Ln
OCDD	3268-87-9	ppt-TOC	24	24	100	18,300	340,000	--	--	144,000	144,000	105,000	105,000	104,000	106,000	G/Ln	G/Ln
OCDF	39001-02-0	ppt-TOC	24	22	92	93.6	62,100	147	787	16,700	16,700	19,000	18,600	5,550	6,060	G/Ln	Ln
Total HpCDD	37871-00-4	ppt-TOC	24	24	100	1,090	69,500	--	--	23,200	23,200	22,800	22,800	12,400	12,700	G/Ln	G/Ln
Total HpCDF	38998-75-3	ppt-TOC	24	22	92	122	59,800	78.0	174	14,700	14,700	17,100	16,700	4,370	6,630	G/Ln	N/Ln
Total HxCDD	34465-46-8	ppt-TOC	24	24	100	589	27,300	--	--	6,620	6,620	7,680	7,680	3,530	3,410	G/Ln	G/Ln
Total HxCDF	55684-94-1	ppt-TOC	24	22	92	124	54,300	42.5	63.4	11,400	11,400	14,300	14,000	3,190	4,820	G/Ln	Ln
Total PeCDD	36088-22-9	ppt-TOC	24	23	96	160	8,900	124	124	2,360	2,360	2,700	2,640	1,150	1,040	G/Ln	Ln
Total PeCDF	30402-15-4	ppt-TOC	24	22	92	178	60,800	66.4	70.6	10,700	10,800	14,500	14,100	2,940	3,110	G/Ln	Ln
Total TCDD	41903-57-5	ppt-TOC	24	23	96	62.5	10,300	88.7	88.7	3,030	3,030	3,750	3,670	1,120	1,020	G/Ln	Ln
Total TCDF	55722-27-5	ppt-TOC	24	22	92	186	73,500	80.6	107	12,900	12,900	17,800	17,400	3,470	3,840	G/Ln	Ln
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	24	17	71	1,280	305,000	1,050	10,800	41,900	41,800	68,700	67,300	10,600	9,940	G/Ln	Ln
PCB-100	39485-83-1	ppt-TOC	22	14	64	367	63,500	425	10,800	11,300	10,900	15,900	15,700	4,270	3,930	G/Ln	Ln
PCB-103	60145-21-3	ppt-TOC	24	16	67	719	60,300	425	10,800	12,000	11,700	15,300	15,200	4,760	5,250	G/Ln	N/Ln

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-104	56558-16-8	ppt-TOC	24	5	21	181	4,500	425	10,800	1,740	818	1,290	1,050	1,290	1,560	N/G/Ln	NP
PCB-105	32598-14-4	ppt-TOC	24	24	100	655	1,770,000	--	--	270,000	270,000	398,000	398,000	79,900	115,000	G/Ln	G/Ln
PCB-106/118	PCB-106/118	ppt-TOC	22	22	100	1,700	4,130,000	--	--	755,000	755,000	988,000	988,000	224,000	383,000	G/Ln	G/Ln
PCB-107/109	70424-68-9/7447	ppt-TOC	22	19	86	970	424,000	1,050	4,740	65,200	65,100	96,100	93,900	20,400	25,900	G/Ln	Ln
PCB-108/112	70362-41-3/7447	ppt-TOC	22	19	86	851	286,000	1,050	4,740	50,200	50,100	69,700	68,100	15,700	18,500	G/Ln	Ln
PCB-11	2050-67-1	ppt-TOC	24	16	67	3,530	1,080,000	1,050	10,800	256,000	256,000	349,000	341,000	37,600	99,900	G/Ln	NP
PCB-110	38380-03-9	ppt-TOC	22	21	96	6,940	5,550,000	1,910	1,910	1,060,000	1,060,000	1,370,000	1,340,000	295,000	500,000	G/Ln	G/Ln
PCB-111/115	PCB-111/115	ppt-TOC	22	17	77	2,620	118,000	425	4,740	17,800	18,100	26,700	25,900	7,000	8,970	G/Ln	Ln
PCB-113	68194-10-5	ppt-TOC	22	10	46	390	34,100	289	10,800	6,760	6,230	9,500	9,540	2,730	2,430	N/G/Ln	NP
PCB-114	74472-37-0	ppt-TOC	24	20	83	374	129,000	396	1,260	18,100	18,100	28,400	27,800	5,750	7,450	G/Ln	Ln
PCB-119	56558-17-9	ppt-TOC	22	17	77	514	96,500	1,050	10,800	25,700	25,500	30,300	29,800	9,430	13,700	G/Ln	N/Ln
PCB-12/13	PCB-12/13	ppt-TOC	24	16	67	3,760	289,000	1,050	10,800	66,400	67,000	84,900	82,700	17,100	22,100	N/G	N
PCB-120	68194-12-7	ppt-TOC	24	16	67	287	16,700	425	5,560	4,140	4,060	4,570	4,550	2,400	2,730	G/Ln	Ln
PCB-121	56558-18-0	ppt-TOC	24	0	0	--	--	289	10,800	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt-TOC	24	17	71	859	72,000	425	5,560	10,900	10,800	16,000	15,700	4,530	3,950	G/Ln	Ln
PCB-123	65510-44-3	ppt-TOC	24	20	83	279	99,900	611	1,180	14,700	14,700	22,500	22,000	4,880	5,440	G/Ln	Ln
PCB-124	70424-70-3	ppt-TOC	22	19	86	669	183,000	1,050	4,740	31,200	31,100	41,900	40,900	12,100	16,100	G/Ln	Ln
PCB-126	57465-28-8	ppt-TOC	24	16	67	138	20,900	488	10,800	4,420	4,200	4,920	4,970	2,140	2,610	G/Ln	Ln
PCB-127	39635-33-1	ppt-TOC	24	0	0	--	--	289	10,800	--	--	--	--	--	--	--	--
PCB-128/162	PCB-128/162	ppt-TOC	22	19	86	2,150	462,000	1,050	4,740	103,000	103,000	115,000	112,000	36,300	64,700	G/Ln	N/Ln
PCB-129	55215-18-4	ppt-TOC	22	19	86	693	166,000	1,050	4,740	32,700	32,700	39,300	38,400	13,300	21,000	G/Ln	Ln
PCB-130	52663-66-8	ppt-TOC	24	21	88	1,190	199,000	1,050	4,740	43,600	43,600	50,800	49,700	16,600	15,100	G/Ln	N/Ln
PCB-131	61798-70-7	ppt-TOC	24	2	8	2,190	4,800	289	11,400	1,740	--	1,600	--	1,130	1,460	--	--
PCB-132/161	38380-05-1/7447	ppt-TOC	22	20	91	1,460	897,000	1,050	1,970	210,000	210,000	236,000	230,000	61,800	101,000	G/Ln	N
PCB-133/142	PCB-133/142	ppt-TOC	22	18	82	542	204,000	1,050	4,740	30,000	29,900	44,200	43,200	10,800	15,500	G/Ln	Ln
PCB-134/143	PCB-134/143	ppt-TOC	24	21	88	793	176,000	1,050	4,740	38,300	38,200	45,200	44,300	14,400	13,000	G/Ln	N/Ln
PCB-135	52744-13-5	ppt-TOC	22	19	86	2,890	520,000	1,050	4,740	113,000	114,000	133,000	130,000	34,700	53,100	G/Ln	N
PCB-136	38411-22-2	ppt-TOC	24	21	88	2,730	409,000	1,050	4,740	102,000	102,000	118,000	115,000	32,400	28,900	G/Ln	N
PCB-137	35694-06-5	ppt-TOC	24	21	88	612	167,000	1,050	4,740	31,500	31,500	38,600	37,800	13,000	16,100	G/Ln	Ln
PCB-138/163/164	35065-28-2/7447	ppt-TOC	22	21	96	2,220	2,870,000	4,670	4,670	732,000	732,000	795,000	777,000	216,000	356,000	G	N
PCB-139/149	PCB-139/149	ppt-TOC	22	21	96	2,750	2,410,000	1,720	1,720	670,000	670,000	726,000	709,000	183,000	275,000	G	N/G
PCB-14	34883-41-5	ppt-TOC	24	1	4	5,840	5,840	289	10,800	1,650	--	1,490	--	1,100	1,460	--	--
PCB-140	59291-64-4	ppt-TOC	22	14	64	923	18,100	425	10,800	6,370	6,200	5,340	5,360	3,690	6,100	N/G	N
PCB-141	52712-04-6	ppt-TOC	24	21	88	3,540	573,000	1,050	4,740	132,000	132,000	154,000	150,000	41,300	40,700	G/Ln	N
PCB-144	68194-14-9	ppt-TOC	24	20	83	1,150	151,000	1,050	4,740	36,700	36,700	41,600	40,800	13,700	10,900	G/Ln	N/Ln
PCB-145	74472-40-5	ppt-TOC	24	9	38	376	2,020	289	11,400	1,610	658	1,530	432	1,050	1,030	G/Ln	NP
PCB-146/165	51908-16-8/7447	ppt-TOC	22	19	86	2,270	562,000	1,050	4,740	121,000	121,000	143,000	140,000	35,300	57,200	G/Ln	N
PCB-147	68194-13-8	ppt-TOC	22	18	82	944	88,200	1,050	4,740	22,500	22,500	26,200	25,600	9,580	11,700	G/Ln	N/Ln
PCB-148	74472-41-6	ppt-TOC	24	13	54	1,040	20,100	425	11,400	5,030	4,770	4,910	4,930	3,140	2,750	N/G/Ln	N/Ln
PCB-15	2050-68-2	ppt-TOC	24	16	67	7,660	1,250,000	1,050	10,800	225,000	227,000	345,000	337,000	30,200	33,900	G/Ln	NP
PCB-150	68194-08-1	ppt-TOC	24	11	46	766	21,700	425	48,400	6,530	4,970	6,980	6,160	3,610	4,210	N/G/Ln	Ln
PCB-151	52663-63-5	ppt-TOC	22	19	86	3,840	618,000	1,050	4,740	191,000	191,000	207,000	202,000	52,400	69,800	G	N
PCB-152	68194-09-2	ppt-TOC	24	11	46	931	4,110	425	11,400	2,090	1,640	1,450	909	1,650	1,680	G/Ln	NP

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-153	35065-27-1	ppt-TOC	22	22	100	2,400	2,650,000	--	--	744,000	744,000	797,000	797,000	217,000	312,000	G	G
PCB-154	60145-22-4	ppt-TOC	22	16	73	629	99,000	1,050	10,800	22,800	22,600	28,300	27,800	8,930	11,300	G/Ln	Ln
PCB-155	33979-03-2	ppt-TOC	24	12	50	681	38,300	425	11,400	5,410	5,000	8,270	8,250	2,640	2,440	G/Ln	Ln
PCB-156	38380-08-4	ppt-TOC	22	19	86	1,460	303,000	522	1,050	67,400	67,500	76,200	74,300	21,900	39,200	G/Ln	N/Ln
PCB-157	69782-90-7	ppt-TOC	22	19	86	288	66,200	410	1,000	14,800	14,800	16,500	16,100	5,890	10,400	G/Ln	N/Ln
PCB-158/160	74472-42-7/4141	ppt-TOC	22	19	86	1,910	372,000	1,050	4,740	84,800	84,900	94,400	92,200	29,900	51,100	G/Ln	N/Ln
PCB-159	39635-35-3	ppt-TOC	24	2	8	1,780	2,970	289	10,800	1,470	--	1,210	--	1,030	1,440	--	--
PCB-16/32	PCB-16/32	ppt-TOC	22	19	86	1,470	4,040,000	3,240	5,000	586,000	586,000	1,000,000	979,000	75,600	177,000	G/Ln	G/Ln
PCB-166	41411-63-6	ppt-TOC	22	13	59	491	17,400	425	10,800	3,680	3,450	3,740	3,770	2,370	3,030	G/Ln	Ln
PCB-167	52663-72-6	ppt-TOC	24	21	88	658	116,000	426	974	25,900	25,900	29,800	29,100	9,230	10,900	G/Ln	N/Ln
PCB-168	59291-65-5	ppt-TOC	22	10	46	1,110	6,120	425	10,800	2,600	2,500	1,730	1,600	1,970	2,370	N/G/Ln	N/Ln
PCB-169	32774-16-6	ppt-TOC	24	0	0	--	--	45.3	11,400	--	--	--	--	--	--	--	--
PCB-17	37680-66-3	ppt-TOC	24	19	79	5,300	2,570,000	1,050	5,000	366,000	367,000	644,000	630,000	42,700	59,400	G/Ln	NP
PCB-170	35065-30-6	ppt-TOC	24	21	88	2,910	587,000	1,050	4,740	172,000	172,000	194,000	189,000	48,100	41,700	NP	N
PCB-171	52663-71-5	ppt-TOC	22	19	86	1,010	173,000	1,050	4,740	53,100	53,100	56,600	55,300	16,900	18,300	G	N
PCB-172	52663-74-8	ppt-TOC	24	20	83	848	106,000	1,050	4,740	31,600	31,600	34,200	33,500	11,900	11,200	G/Ln	N
PCB-173	68194-16-1	ppt-TOC	22	15	68	519	18,300	425	5,000	5,860	5,680	5,340	5,360	3,260	4,260	N/G	N
PCB-174	38411-25-5	ppt-TOC	24	21	88	3,380	821,000	1,050	4,740	222,000	222,000	250,000	245,000	60,200	60,000	NP	N
PCB-175	40186-70-7	ppt-TOC	24	18	75	855	50,300	425	10,800	11,500	11,400	12,500	12,400	5,230	4,970	G/Ln	N/Ln
PCB-176	52663-65-7	ppt-TOC	24	20	83	900	119,000	1,050	4,740	32,500	32,500	36,000	35,300	11,900	10,700	G/Ln	N
PCB-177	52663-70-4	ppt-TOC	24	21	88	1,770	431,000	1,050	4,740	122,000	122,000	136,000	133,000	35,000	33,500	G	N
PCB-178	52663-67-9	ppt-TOC	24	21	88	850	162,000	1,050	4,740	48,100	48,100	51,700	50,600	17,100	20,600	G	N
PCB-179	52663-64-6	ppt-TOC	24	21	88	2,030	365,000	1,050	4,740	110,000	110,000	121,000	118,000	33,500	35,600	G	N
PCB-18	37680-65-2	ppt-TOC	24	22	92	2,270	7,040,000	3,240	4,740	888,000	888,000	1,690,000	1,650,000	96,500	146,000	G/Ln	G/Ln
PCB-180	35065-29-3	ppt-TOC	22	22	100	1,930	1,580,000	--	--	501,000	501,000	527,000	527,000	132,000	193,000	NP	NP
PCB-181	74472-47-2	ppt-TOC	24	15	63	370	16,600	425	11,400	3,620	3,270	3,590	3,630	2,220	2,620	G/Ln	Ln
PCB-182/187	PCB-182/187	ppt-TOC	22	21	96	1,260	1,030,000	1,970	1,970	329,000	329,000	345,000	337,000	89,900	133,000	G	NP
PCB-183	52663-69-1	ppt-TOC	24	21	88	2,410	442,000	1,050	4,740	129,000	129,000	139,000	136,000	39,900	45,300	G	N
PCB-184	74472-48-3	ppt-TOC	24	7	29	778	3,120	289	11,400	1,870	1,240	1,450	631	1,340	1,560	N/G/Ln	NP
PCB-185	52712-05-7	ppt-TOC	24	18	75	758	95,000	1,050	5,000	26,400	26,300	29,000	28,500	9,970	8,780	N/G	N
PCB-186	74472-49-4	ppt-TOC	24	0	0	--	--	289	11,400	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt-TOC	24	12	50	286	6,070	425	11,400	2,310	1,810	1,690	1,470	1,730	1,810	N/G/Ln	Ln
PCB-189	39635-31-9	ppt-TOC	24	20	83	199	23,200	206	513	6,720	6,720	7,130	6,970	2,540	2,990	G/Ln	N
PCB-19	38444-73-4	ppt-TOC	24	15	63	2,020	679,000	1,050	10,800	83,300	83,200	156,000	153,000	14,300	14,500	G/Ln	NP
PCB-190	41411-64-7	ppt-TOC	24	20	83	1,120	128,000	1,050	4,740	38,400	38,500	42,400	41,500	13,700	9,900	NP	N
PCB-191	74472-50-7	ppt-TOC	24	17	71	910	26,400	425	11,400	8,400	8,240	8,430	8,350	4,150	3,330	NP	N
PCB-192	74472-51-8	ppt-TOC	24	0	0	--	--	289	11,400	--	--	--	--	--	--	--	--
PCB-193	69782-91-8	ppt-TOC	22	18	82	551	81,900	1,050	5,000	25,200	25,200	26,300	25,700	9,400	9,030	NP	NP
PCB-194	35694-08-7	ppt-TOC	24	21	88	3,150	430,000	1,050	4,740	126,000	127,000	125,000	122,000	45,900	85,800	N/G	N
PCB-195	52663-78-2	ppt-TOC	24	18	75	1,250	177,000	1,050	10,200	49,100	48,900	54,400	53,300	16,600	20,800	N/G	N
PCB-196/203	PCB-196/203	ppt-TOC	22	19	86	4,480	635,000	1,050	2,100	182,000	183,000	169,000	165,000	62,600	146,000	N/G	N
PCB-197	33091-17-7	ppt-TOC	24	16	67	467	18,700	425	10,800	5,870	5,700	4,980	5,060	3,530	4,610	N/G	N/Ln
PCB-198	68194-17-2	ppt-TOC	22	17	77	678	31,000	425	4,740	9,410	9,380	7,860	7,710	5,300	9,430	N/G	N/Ln

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-199	52663-75-9	ppt-TOC	22	20	91	3,610	667,000	1,050	1,970	191,000	192,000	170,000	166,000	71,200	186,000	N	N
PCB-2	2051-61-8	ppt-TOC	24	17	71	433	58,600	1,050	10,800	11,500	11,300	14,400	14,300	5,190	4,870	G/Ln	Ln
PCB-20/21/33	38444-84-7/5570	ppt-TOC	22	18	82	1,380	4,270,000	1,970	5,000	588,000	588,000	1,080,000	1,060,000	68,300	162,000	G/Ln	Ln
PCB-200	52663-73-7	ppt-TOC	24	20	83	573	80,200	1,050	10,800	20,500	20,300	21,100	20,800	9,060	13,400	G	N/Ln
PCB-201	40186-71-8	ppt-TOC	24	21	88	531	81,000	1,050	4,740	24,200	24,200	21,000	20,700	11,600	24,700	N	N
PCB-202	2136-99-4	ppt-TOC	24	22	92	843	231,000	1,050	1,970	62,400	62,400	60,100	58,800	26,300	61,700	NP	NP
PCB-204	74472-52-9	ppt-TOC	24	2	8	538	1,400	289	11,400	1,650	--	1,510	--	1,090	1,430	--	--
PCB-205	74472-53-0	ppt-TOC	24	18	75	664	18,400	425	10,800	6,190	6,120	5,280	5,250	3,660	5,620	N/G/Ln	N/Ln
PCB-206	40186-72-9	ppt-TOC	24	22	92	3,800	889,000	1,050	1,970	222,000	222,000	239,000	234,000	82,500	158,000	G	NP
PCB-207	52663-79-3	ppt-TOC	24	21	88	635	58,300	1,050	4,740	19,500	19,400	16,800	16,500	10,300	16,700	G	N
PCB-208	52663-77-1	ppt-TOC	24	22	92	1,400	389,000	1,050	1,970	85,100	85,100	103,000	101,000	32,000	50,800	G	NP
PCB-209	2051-24-3	ppt-TOC	24	22	92	5,260	1,950,000	1,050	1,970	294,000	295,000	411,000	402,000	91,900	162,000	G	NP
PCB-22	38444-85-8	ppt-TOC	24	19	79	7,500	2,590,000	1,050	5,000	355,000	357,000	648,000	633,000	42,800	59,700	G	NP
PCB-23	55720-44-0	ppt-TOC	24	12	50	506	35,400	289	10,800	4,220	3,800	7,130	7,110	2,000	2,060	G/Ln	NP
PCB-24/27	PCB-24/27	ppt-TOC	22	15	68	1,490	534,000	1,050	10,800	80,400	80,200	130,000	127,000	17,200	27,100	G/Ln	N/Ln
PCB-25	55712-37-3	ppt-TOC	24	17	71	1,470	587,000	1,050	10,800	99,200	99,100	160,000	157,000	15,800	15,400	G/Ln	N/Ln
PCB-26	38444-81-4	ppt-TOC	22	15	68	4,090	1,120,000	1,050	10,800	177,000	177,000	287,000	280,000	27,400	49,400	G/Ln	NP
PCB-28	7012-37-5	ppt-TOC	22	18	82	5,070	6,990,000	2,140	6,360	1,150,000	1,150,000	1,820,000	1,780,000	131,000	326,000	G/Ln	NP
PCB-29	15862-07-4	ppt-TOC	22	12	55	1,100	59,600	289	10,800	7,840	7,750	12,900	12,700	3,190	3,170	G/Ln	Ln
PCB-3	2051-62-9	ppt-TOC	24	17	71	1,140	194,000	1,050	10,800	29,100	28,900	43,900	43,100	9,220	8,800	G/Ln	Ln
PCB-30	35693-92-6	ppt-TOC	24	10	42	665	10,000	289	10,800	2,360	1,960	2,340	2,290	1,530	1,730	G/Ln	NP
PCB-31	16606-02-3	ppt-TOC	24	22	92	2,340	7,060,000	3,240	4,740	998,000	998,000	1,790,000	1,760,000	114,000	166,000	G/Ln	G/Ln
PCB-34	37680-68-5	ppt-TOC	24	12	50	353	34,800	425	10,800	6,960	6,480	9,580	9,620	2,950	2,640	N/G/Ln	NP
PCB-35	37680-69-6	ppt-TOC	24	17	71	674	163,000	1,050	10,800	28,900	28,600	42,900	42,200	8,210	8,480	G/Ln	NP
PCB-36	38444-87-0	ppt-TOC	24	7	29	487	3,770	289	10,800	1,860	1,340	1,230	1,040	1,400	1,730	N/G/Ln	NP
PCB-37	38444-90-5	ppt-TOC	24	19	79	4,950	1,740,000	1,050	5,000	256,000	257,000	439,000	430,000	33,800	38,200	G	NP
PCB-38	53555-66-1	ppt-TOC	24	11	46	2,790	25,200	425	10,800	5,950	6,480	6,760	6,250	3,200	2,880	N/G/Ln	NP
PCB-39	38444-88-1	ppt-TOC	24	5	21	1,900	9,120	289	19,100	2,890	2,670	2,500	1,730	1,920	2,140	N/G/Ln	NP
PCB-4/10	PCB-4/10	ppt-TOC	22	15	68	4,410	1,110,000	1,050	10,800	152,000	153,000	263,000	256,000	24,800	49,900	G/Ln	NP
PCB-40	38444-93-8	ppt-TOC	20	16	80	2,630	1,370,000	1,050	4,740	188,000	188,000	338,000	329,000	28,100	54,700	G/Ln	Ln
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	21	21	100	1,250	6,180,000	--	--	873,000	873,000	1,500,000	1,500,000	144,000	318,000	G/Ln	G/Ln
PCB-42/59	36559-22-5/7447	ppt-TOC	22	18	82	844	2,370,000	1,050	5,000	358,000	358,000	588,000	575,000	49,900	108,000	G/Ln	Ln
PCB-43/49	PCB-43/49	ppt-TOC	22	21	96	1,980	5,590,000	4,740	4,740	903,000	903,000	1,410,000	1,380,000	163,000	272,000	G/Ln	G/Ln
PCB-44	41464-39-5	ppt-TOC	22	22	100	2,120	7,570,000	--	--	1,100,000	1,100,000	1,830,000	1,830,000	187,000	356,000	G/Ln	G/Ln
PCB-45	70362-45-7	ppt-TOC	22	18	82	1,480	1,330,000	1,050	4,740	183,000	183,000	317,000	310,000	28,200	56,100	G/Ln	Ln
PCB-46	41464-47-5	ppt-TOC	24	18	75	1,140	548,000	1,050	10,800	71,600	71,400	128,000	125,000	13,900	16,500	G/Ln	Ln
PCB-47	2437-79-8	ppt-TOC	22	19	86	3,270	1,650,000	1,050	4,740	306,000	307,000	439,000	429,000	57,000	138,000	G/Ln	Ln
PCB-48/75	70362-47-9/3259	ppt-TOC	22	18	82	2,280	1,840,000	1,050	4,740	246,000	246,000	435,000	425,000	36,700	69,600	G/Ln	Ln
PCB-5/8	PCB-5/8	ppt-TOC	22	15	68	11,500	2,590,000	1,360	10,800	364,000	367,000	647,000	630,000	45,000	100,000	G/Ln	NP
PCB-50	62796-65-0	ppt-TOC	22	13	59	699	38,900	425	10,800	5,910	5,760	8,680	8,530	2,890	2,850	G/Ln	Ln
PCB-51	68194-04-7	ppt-TOC	22	16	73	1,090	374,000	1,050	5,000	63,000	62,900	92,100	90,000	14,800	27,400	G/Ln	N
PCB-52/69	35693-99-3/6023	ppt-TOC	22	22	100	2,400	7,530,000	--	--	1,160,000	1,160,000	1,810,000	1,810,000	245,000	403,000	G/Ln	G/Ln
PCB-53	41464-41-9	ppt-TOC	22	18	82	2,150	1,230,000	1,050	4,740	179,000	179,000	294,000	287,000	32,500	61,100	G/Ln	Ln

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-54	15968-05-5	ppt-TOC	24	12	50	674	19,800	425	10,800	3,860	3,700	4,520	4,500	2,140	2,160	G/Ln	N/Ln
PCB-55	74338-24-2	ppt-TOC	24	14	58	1,020	106,000	425	10,800	12,800	12,600	22,900	22,500	4,090	4,930	G/Ln	NP
PCB-56/60	PCB-56/60	ppt-TOC	22	20	91	1,440	4,770,000	1,970	4,740	648,000	648,000	1,130,000	1,100,000	95,700	213,000	G/Ln	G/Ln
PCB-57	70424-67-8	ppt-TOC	24	14	58	315	70,900	425	10,800	7,740	7,430	14,800	14,600	2,690	2,640	G/Ln	Ln
PCB-58	41464-49-7	ppt-TOC	24	11	46	484	12,500	425	10,800	3,420	3,040	3,520	3,620	1,970	1,970	N/G/Ln	NP
PCB-6	25569-80-6	ppt-TOC	24	16	67	3,630	668,000	1,050	10,800	77,000	77,500	145,000	142,000	15,300	13,800	G/Ln	Ln
PCB-61/70	PCB-61/70	ppt-TOC	22	22	100	2,610	8,200,000	--	--	1,220,000	1,220,000	1,980,000	1,980,000	235,000	392,000	G/Ln	G/Ln
PCB-62	54230-22-7	ppt-TOC	22	0	0	--	--	289	10,800	--	--	--	--	--	--	--	--
PCB-63	74472-34-7	ppt-TOC	24	20	83	582	290,000	1,050	4,740	39,400	39,400	67,800	66,400	8,750	7,940	G/Ln	Ln
PCB-65	33284-54-7	ppt-TOC	22	1	5	2,900	2,900	289	10,800	1,500	--	1,250	--	1,040	1,440	--	--
PCB-67	73575-53-8	ppt-TOC	24	16	67	630	226,000	1,050	10,800	31,400	31,100	53,600	52,600	7,390	7,210	G/Ln	NP
PCB-68	73575-52-7	ppt-TOC	20	9	45	1,150	19,000	425	10,800	4,630	4,550	5,990	5,820	2,240	2,140	G/Ln	NP
PCB-7/9	PCB-7/9	ppt-TOC	22	14	64	1,830	254,000	1,050	10,800	36,300	36,100	60,700	59,400	9,820	11,100	G/Ln	N/Ln
PCB-73	74338-23-1	ppt-TOC	24	1	4	6,260	6,260	425	10,800	1,570	--	1,540	--	1,060	1,250	--	--
PCB-74	32690-93-0	ppt-TOC	22	20	91	1,190	3,510,000	1,050	1,970	504,000	504,000	847,000	827,000	78,500	156,000	G/Ln	G/Ln
PCB-76/66	PCB-76/66	ppt-TOC	22	21	96	2,070	6,190,000	4,740	4,740	987,000	987,000	1,560,000	1,520,000	164,000	291,000	G/Ln	G/Ln
PCB-77	32598-13-3	ppt-TOC	24	20	83	838	548,000	595	1,120	94,900	95,000	145,000	142,000	15,500	21,400	G/Ln	Ln
PCB-78	70362-49-1	ppt-TOC	24	0	0	--	--	289	10,800	--	--	--	--	--	--	--	--
PCB-79	41464-48-6	ppt-TOC	24	18	75	1,380	45,200	425	4,740	8,830	8,930	10,900	10,600	4,060	3,260	G/Ln	N/Ln
PCB-80	33284-52-5	ppt-TOC	24	0	0	--	--	289	10,800	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt-TOC	24	18	75	147	26,100	108	1,010	4,430	4,420	5,840	5,730	1,620	2,570	G/Ln	Ln
PCB-82	52663-62-4	ppt-TOC	24	21	88	1,860	909,000	1,050	4,740	124,000	124,000	202,000	197,000	33,500	46,900	G/Ln	Ln
PCB-83	60145-20-2	ppt-TOC	22	5	23	966	9,360	289	10,800	1,940	1,680	2,090	1,850	1,200	1,470	N/G/Ln	NP
PCB-84/92	52663-60-2/5266	ppt-TOC	22	21	96	2,580	2,270,000	1,050	1,050	424,000	424,000	564,000	551,000	111,000	182,000	G/Ln	G/Ln
PCB-85/116	PCB-85/116	ppt-TOC	22	19	86	2,720	1,020,000	1,050	4,740	169,000	170,000	244,000	238,000	46,800	73,200	G/Ln	Ln
PCB-86	55312-69-1	ppt-TOC	22	13	59	657	71,000	425	10,800	9,840	9,560	15,400	15,200	4,080	5,900	G/Ln	Ln
PCB-87/117/125	38380-02-8/6819	ppt-TOC	22	21	96	2,370	2,010,000	1,050	1,050	329,000	329,000	466,000	455,000	91,800	165,000	G/Ln	G/Ln
PCB-88/91	PCB-88/91	ppt-TOC	24	22	92	2,450	1,010,000	1,050	4,740	167,000	167,000	241,000	236,000	45,300	51,600	G/Ln	Ln
PCB-89	73575-57-2	ppt-TOC	24	17	71	1,200	129,000	425	5,560	18,200	18,200	29,500	28,900	5,740	4,900	G/Ln	Ln
PCB-90/101	PCB-90/101	ppt-TOC	22	22	100	2,300	5,700,000	--	--	1,040,000	1,040,000	1,360,000	1,360,000	292,000	502,000	G/Ln	G/Ln
PCB-93	73575-56-1	ppt-TOC	22	0	0	--	--	289	10,800	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt-TOC	24	14	58	746	44,600	425	10,800	7,620	7,330	10,100	10,000	3,650	3,150	G/Ln	Ln
PCB-95/98/102	38379-99-6/6023	ppt-TOC	22	22	100	2,720	4,170,000	--	--	781,000	781,000	1,020,000	1,020,000	220,000	363,000	G/Ln	G/Ln
PCB-96	73575-54-9	ppt-TOC	24	15	63	867	77,800	425	10,800	10,900	10,600	17,400	17,200	4,340	4,300	G/Ln	Ln
PCB-97	41464-51-1	ppt-TOC	22	20	91	2,750	1,670,000	1,050	4,740	307,000	307,000	412,000	403,000	83,600	129,000	G/Ln	Ln
PCB-99	38380-01-7	ppt-TOC	22	22	100	1,410	2,300,000	--	--	478,000	478,000	603,000	603,000	136,000	220,000	G/Ln	G/Ln
Total Congener PCBs (209)	No CAS	ppt-TOC	24	24	100	40,900	16,700,000	--	--	27,400,000	27,400,000	39,800,000	39,800,000	6,580,000	7,650,000	G/Ln	G/Ln
Total Congener PCBs (NOAA 1989)	No CAS	ppt-TOC	22	22	100	43,500	12,300,000	--	--	21,900,000	21,900,000	30,100,000	30,100,000	5,360,000	10,400,000	G/Ln	G/Ln

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Al	11	11	100	1,000,000	1,000,000	--	--	1,000,000	1,000,000	0.0	NA	1,000,000	1,000,000	NP	NP
Antimony	7440-36-0	ppm-Al	11	3	27	78.4	29,500	62.9	1,030	2,870	--	8,830	--	242	211	--	--
Arsenic	7440-38-2	ppm-Al	11	11	100	469	7,650	--	--	2,150	2,150	1,940	1,940	1,660	1,940	G/Ln	G/Ln
Barium	7440-39-3	ppm-Al	11	11	100	10,000	166,000	--	--	35,100	35,100	45,000	45,000	23,800	20,300	Ln	Ln
Beryllium	7440-41-7	ppm-Al	11	11	100	42.7	85.0	--	--	59.0	59.0	12.9	12.9	57.8	57.6	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Al	11	10	91	152	544	173	173	269	275	136	123	238	248	N/G/Ln	N/G/Ln
Calcium	7440-70-2	ppm-Al	11	11	100	285,000	1,030,000	--	--	534,000	534,000	257,000	257,000	485,000	500,000	N/G/Ln	N/G/Ln
Chromium	7440-47-3	ppm-Al	11	11	100	6,350	20,700	--	--	9,850	9,850	3,980	3,980	9,310	9,000	G/Ln	G/Ln
Cobalt	7440-48-4	ppm-Al	11	11	100	645	993	--	--	793	793	117	117	785	768	N/G/Ln	N/G/Ln
Copper	7440-50-8	ppm-Al	11	11	100	13,800	39,200	--	--	25,200	25,200	8,020	8,020	24,000	24,900	N/G/Ln	N/G/Ln
Iron	7439-89-6	ppm-Al	11	11	100	2,160,000	2,870,000	--	--	2,380,000	2,380,000	215,000	215,000	2,380,000	2,320,000	N/G/Ln	N/G/Ln
Lead	7439-92-1	ppm-Al	11	11	100	12,300	67,100	--	--	28,800	28,800	19,700	19,700	23,900	16,300	Ln	Ln
Magnesium	7439-95-4	ppm-Al	11	11	100	450,000	716,000	--	--	569,000	569,000	77,300	77,300	565,000	552,000	N/G/Ln	N/G/Ln
Manganese	7439-96-5	ppm-Al	11	11	100	17,000	31,800	--	--	23,800	23,800	4,040	4,040	23,500	23,200	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm-Al	11	11	100	94.0	1,030	--	--	378	378	255	255	316	349	G/Ln	G/Ln
Nickel	7440-02-0	ppm-Al	11	11	100	2,310	9,870	--	--	4,000	4,000	2,370	2,370	3,570	2,980	NP	NP
Potassium	7440-09-7	ppm-Al	11	11	100	193,000	261,000	--	--	228,000	228,000	22,200	22,200	227,000	232,000	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Al	11	9	82	62.5	928	146	382	198	193	247	236	139	149	Ln	NP
Silver	7440-22-4	ppm-Al	10	10	100	113	417	--	--	264	264	96.6	96.6	247	281	N/G/Ln	N/G/Ln
Sodium	7440-23-5	ppm-Al	11	11	100	543,000	1,190,000	--	--	804,000	804,000	176,000	176,000	787,000	766,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Al	11	6	55	13.2	19.5	83.3	127	33.0	15.4	21.1	2.3	27.0	19.5	N/G/Ln	N/G/Ln
Titanium	7440-32-6	ppm-Al	7	7	100	28,000	51,300	--	--	35,400	35,400	8,000	8,000	34,800	32,100	--	--
Vanadium	7440-62-2	ppm-Al	11	11	100	3,010	6,360	--	--	3,730	3,730	950	950	3,650	3,460	G	G
Zinc	7440-66-6	ppm-Al	11	11	100	20,000	57,800	--	--	35,100	35,100	14,100	14,100	32,800	27,800	Ln	Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Al	18	18	100	1,000,000	1,000,000	--	--	1,000,000	1,000,000	0.0	NA	1,000,000	1,000,000	NP	NP
Antimony	7440-36-0	ppm-Al	18	6	33	380	59,100	345	526	4,600	4,720	14,000	13,500	491	199	G/Ln	NP
Arsenic	7440-38-2	ppm-Al	18	18	100	636	13,300	--	--	3,200	3,200	3,230	3,230	2,300	1,950	G/Ln	G/Ln
Barium	7440-39-3	ppm-Al	18	18	100	12,800	152,000	--	--	46,000	46,000	44,800	44,800	32,700	23,400	NP	NP

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Beryllium	7440-41-7	ppm-Al	18	18	100	37.4	78.5	--	--	54.8	54.8	9.8	9.8	54.0	52.3	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Al	18	18	100	202	1,090	--	--	590	590	239	239	539	592	N/G/Ln	N/G/Ln
Calcium	7440-70-2	ppm-Al	18	18	100	298,000	693,000	--	--	422,000	422,000	106,000	106,000	411,000	384,000	G/Ln	G/Ln
Chromium	7440-47-3	ppm-Al	18	18	100	7,880	25,700	--	--	14,300	14,300	5,260	5,260	13,500	13,800	N/G/Ln	N/G/Ln
Cobalt	7440-48-4	ppm-Al	18	18	100	645	1,270	--	--	826	826	195	195	808	759	NP	NP
Copper	7440-50-8	ppm-Al	18	18	100	18,900	70,500	--	--	35,300	35,300	14,800	14,800	32,800	29,300	G/Ln	G/Ln
Iron	7439-89-6	ppm-Al	18	18	100	1,770,000	3,840,000	--	--	2,420,000	2,420,000	443,000	443,000	2,390,000	2,300,000	NP	NP
Lead	7439-92-1	ppm-Al	18	18	100	14,000	60,700	--	--	32,700	32,700	13,700	13,700	29,700	33,100	N/G/Ln	N/G/Ln
Magnesium	7439-95-4	ppm-Al	18	18	100	447,000	610,000	--	--	529,000	529,000	43,200	43,200	527,000	525,000	N/G/Ln	N/G/Ln
Manganese	7439-96-5	ppm-Al	18	18	100	16,500	32,600	--	--	23,000	23,000	4,440	4,440	22,600	21,700	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm-Al	15	15	100	92.5	872	--	--	518	518	277	277	424	615	N/G	N/G
Nickel	7440-02-0	ppm-Al	18	18	100	2,620	6,010	--	--	3,970	3,970	981	981	3,860	3,880	N/G/Ln	N/G/Ln
Potassium	7440-09-7	ppm-Al	18	18	100	156,000	238,000	--	--	199,000	199,000	17,600	17,600	198,000	201,000	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Al	18	15	83	56.1	634	345	371	205	201	145	144	174	177	G/Ln	Ln
Silver	7440-22-4	ppm-Al	18	18	100	142	705	--	--	411	411	143	143	385	395	N/G/Ln	N/G/Ln
Sodium	7440-23-5	ppm-Al	18	18	100	514,000	956,000	--	--	740,000	740,000	109,000	109,000	732,000	722,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Al	18	15	83	10.3	670	77.3	78.4	123	119	235	230	34.0	17.1	NP	NP
Titanium	7440-32-6	ppm-Al	15	15	100	29,200	37,800	--	--	31,300	31,300	2,260	2,260	31,300	30,500	G	G
Vanadium	7440-62-2	ppm-Al	18	18	100	3,130	7,390	--	--	4,290	4,290	1,040	1,040	4,190	4,020	G/Ln	G/Ln
Zinc	7440-66-6	ppm-Al	18	18	100	23,200	68,000	--	--	42,500	42,500	12,400	12,400	40,800	43,200	N/G/Ln	N/G/Ln
Subsurface (>3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Al	26	26	100	1,000,000	1,000,000	--	--	1,000,000	1,000,000	0.0	NA	1,000,000	1,000,000	NP	NP
Antimony	7440-36-0	ppm-Al	26	4	15	214	2,560	186	443	274	--	473	--	191	172	--	--
Arsenic	7440-38-2	ppm-Al	26	26	100	18.7	29,300	--	--	5,540	5,540	6,780	6,780	2,210	3,030	G	G
Barium	7440-39-3	ppm-Al	26	26	100	3,160	233,000	--	--	55,800	55,800	57,400	57,400	31,000	30,200	G/Ln	G/Ln
Beryllium	7440-41-7	ppm-Al	26	26	100	35.4	74.1	--	--	57.2	57.2	9.8	9.8	56.4	57.2	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Al	26	25	96	8.1	1,440	119	119	486	484	426	420	224	375	N/G	NP
Calcium	7440-70-2	ppm-Al	26	26	100	35,800	1,290,000	--	--	379,000	379,000	257,000	257,000	287,000	363,000	NP	NP
Chromium	7440-47-3	ppm-Al	26	26	100	1,320	29,500	--	--	12,200	12,200	8,540	8,540	8,460	12,200	N	N
Cobalt	7440-48-4	ppm-Al	26	26	100	689	1,180	--	--	840	840	118	118	833	820	N/G/Ln	N/G/Ln
Copper	7440-50-8	ppm-Al	26	26	100	919	92,300	--	--	36,400	36,400	27,300	27,300	18,300	35,900	N	N

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Iron	7439-89-6	ppm-Al	26	26	100	1,530,000	2,870,000	--	--	2,300,000	2,300,000	330,000	330,000	2,270,000	2,290,000	N/G	N/G
Lead	7439-92-1	ppm-Al	26	26	100	646	644,000	--	--	64,200	64,200	125,000	125,000	20,900	27,900	G	G
Magnesium	7439-95-4	ppm-Al	26	26	100	378,000	884,000	--	--	508,000	508,000	103,000	103,000	500,000	495,000	G/Ln	G/Ln
Manganese	7439-96-5	ppm-Al	26	26	100	12,000	42,100	--	--	22,500	22,500	7,040	7,040	21,500	22,600	Ln	Ln
Mercury	7439-97-6	ppm-Al	24	20	83	1.2	24,100	0.69	1.2	1,740	1,740	4,890	4,780	130	295	G/Ln	Ln
Nickel	7440-02-0	ppm-Al	26	26	100	1,450	7,210	--	--	3,370	3,370	1,510	1,510	3,070	3,350	G/Ln	G/Ln
Potassium	7440-09-7	ppm-Al	26	26	100	145,000	261,000	--	--	189,000	189,000	28,600	28,600	187,000	182,000	G/Ln	G/Ln
Selenium	7782-49-2	ppm-Al	26	23	89	4.7	1,480	1.3	341	271	266	310	307	125	178	G/Ln	Ln
Silver	7440-22-4	ppm-Al	22	22	100	1.3	705	--	--	249	249	216	216	112	201	G	G
Sodium	7440-23-5	ppm-Al	26	26	100	120,000	864,000	--	--	492,000	492,000	194,000	194,000	439,000	536,000	N	N
Thallium	7440-28-0	ppm-Al	26	22	85	8.7	614	57.7	66.0	50.4	48.1	125	123	21.5	17.6	NP	NP
Titanium	7440-32-6	ppm-Al	24	24	100	21,700	36,800	--	--	29,400	29,400	4,040	4,040	29,100	30,100	N/G/Ln	N/G/Ln
Vanadium	7440-62-2	ppm-Al	26	26	100	1,790	10,800	--	--	3,800	3,800	2,030	2,030	3,480	3,320	NP	NP
Zinc	7440-66-6	ppm-Al	26	26	100	3,690	73,700	--	--	36,300	36,300	22,400	22,400	25,600	39,200	N	N

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	11	11	100	348,000	463,000	--	--	422,000	422,000	35,000	35,000	421,000	431,000	N/G/Ln	N/G/Ln
Antimony	7440-36-0	ppm-Fe	11	3	27	29.6	10,300	28.9	414	1,020	--	3,080	--	102	90.5	--	--
Arsenic	7440-38-2	ppm-Fe	11	11	100	188	2,890	--	--	884	884	727	727	698	701	G/Ln	G/Ln
Barium	7440-39-3	ppm-Fe	11	11	100	4,030	71,100	--	--	14,700	14,700	19,200	19,200	10,000	9,150	NP	NP
Beryllium	7440-41-7	ppm-Fe	11	11	100	18.5	37.0	--	--	24.9	24.9	5.6	5.6	24.3	24.9	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Fe	11	10	91	65.6	189	74.5	74.5	112	115	54.2	48.4	100	93.8	N/G/Ln	N/G/Ln
Calcium	7440-70-2	ppm-Fe	11	11	100	124,000	442,000	--	--	222,000	222,000	99,600	99,600	204,000	219,000	N/G/Ln	N/G/Ln
Chromium	7440-47-3	ppm-Fe	11	11	100	2,780	7,220	--	--	4,070	4,070	1,260	1,260	3,920	3,870	G/Ln	G/Ln
Cobalt	7440-48-4	ppm-Fe	11	11	100	278	389	--	--	332	332	28.8	28.8	330	336	N/G/Ln	N/G/Ln
Copper	7440-50-8	ppm-Fe	11	11	100	6,060	14,800	--	--	10,500	10,500	2,880	2,880	10,100	11,500	N/G/Ln	N/G/Ln
Iron	7439-89-6	ppm-Fe	11	11	100	1,000,000	1,000,000	--	--	1,000,000	1,000,000	0.0	NA	1,000,000	1,000,000	NP	NP
Lead	7439-92-1	ppm-Fe	11	11	100	5,390	23,500	--	--	11,700	11,700	6,900	6,900	10,000	7,540	Ln	Ln
Magnesium	7439-95-4	ppm-Fe	11	11	100	186,000	298,000	--	--	240,000	240,000	36,800	36,800	237,000	237,000	N/G/Ln	N/G/Ln
Manganese	7439-96-5	ppm-Fe	11	11	100	7,170	13,200	--	--	10,100	10,100	1,850	1,850	9,900	10,100	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm-Fe	11	11	100	43.3	414	--	--	158	158	103	103	133	133	G/Ln	G/Ln
Nickel	7440-02-0	ppm-Fe	11	11	100	1,010	3,430	--	--	1,630	1,630	792	792	1,500	1,310	NP	NP
Potassium	7440-09-7	ppm-Fe	11	11	100	67,100	111,000	--	--	96,100	96,100	13,500	13,500	95,200	96,800	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Fe	11	9	82	25.1	351	60.4	164	80.6	78.7	92.2	88.2	58.7	53.7	G/Ln	NP
Silver	7440-22-4	ppm-Fe	10	10	100	45.2	187	--	--	112	112	45.2	45.2	103	114	N/G/Ln	N/G/Ln
Sodium	7440-23-5	ppm-Fe	11	11	100	243,000	547,000	--	--	341,000	341,000	89,000	89,000	331,000	318,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Fe	11	6	55	5.8	7.0	35.8	52.5	13.9	6.4	8.9	0.41	11.4	7.0	N/G/Ln	N/G/Ln
Titanium	7440-32-6	ppm-Fe	7	7	100	12,000	20,600	--	--	14,800	14,800	3,340	3,340	14,600	13,700	--	--
Vanadium	7440-62-2	ppm-Fe	11	11	100	1,170	2,740	--	--	1,580	1,580	429	429	1,530	1,510	NP	NP
Zinc	7440-66-6	ppm-Fe	11	11	100	8,750	26,600	--	--	14,600	14,600	5,520	5,520	13,800	12,900	N/G/Ln	N/G/Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	18	18	100	268,000	566,000	--	--	424,000	424,000	62,200	62,200	419,000	435,000	N	N
Antimony	7440-36-0	ppm-Fe	18	6	33	150	15,700	152	239	1,390	1,430	3,770	3,650	206	101	G/Ln	NP
Arsenic	7440-38-2	ppm-Fe	18	18	100	318	4,790	--	--	1,280	1,280	1,180	1,180	964	851	Ln	Ln
Barium	7440-39-3	ppm-Fe	18	18	100	5,710	66,300	--	--	19,200	19,200	19,600	19,600	13,700	10,100	NP	NP

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Beryllium	7440-41-7	ppm-Fe	18	18	100	14.4	30.9	--	--	23.0	23.0	3.8	3.8	22.6	22.9	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Fe	18	18	100	88.9	435	--	--	245	245	93.7	93.7	226	244	N/G/Ln	N/G/Ln
Calcium	7440-70-2	ppm-Fe	18	18	100	125,000	303,000	--	--	177,000	177,000	46,500	46,500	172,000	155,000	NP	NP
Chromium	7440-47-3	ppm-Fe	18	18	100	2,580	10,300	--	--	5,970	5,970	1,930	1,930	5,670	5,880	N/G/Ln	N/G/Ln
Cobalt	7440-48-4	ppm-Fe	18	18	100	259	502	--	--	344	344	67.6	67.6	339	331	N/G/Ln	N/G/Ln
Copper	7440-50-8	ppm-Fe	18	18	100	6,820	28,200	--	--	14,800	14,800	6,240	6,240	13,700	12,800	G/Ln	G/Ln
Iron	7439-89-6	ppm-Fe	18	18	100	1,000,000	1,000,000	--	--	1,000,000	1,000,000	0.0	NA	1,000,000	1,000,000	NP	NP
Lead	7439-92-1	ppm-Fe	18	18	100	6,040	22,100	--	--	13,600	13,600	5,360	5,360	12,500	13,800	N/G	N/G
Magnesium	7439-95-4	ppm-Fe	18	18	100	155,000	263,000	--	--	223,000	223,000	27,000	27,000	221,000	229,000	NP	NP
Manganese	7439-96-5	ppm-Fe	18	18	100	7,590	12,800	--	--	9,560	9,560	1,510	1,510	9,450	9,260	NP	NP
Mercury	7439-97-6	ppm-Fe	15	15	100	52.4	403	--	--	222	222	123	123	181	262	N/G	N/G
Nickel	7440-02-0	ppm-Fe	18	18	100	1,130	2,470	--	--	1,660	1,660	397	397	1,620	1,700	N/G/Ln	N/G/Ln
Potassium	7440-09-7	ppm-Fe	18	18	100	54,600	93,800	--	--	83,800	83,800	9,960	9,960	83,100	87,600	NP	NP
Selenium	7782-49-2	ppm-Fe	18	15	83	31.4	254	152	157	84.7	82.6	55.2	55.0	73.0	77.0	G/Ln	G/Ln
Silver	7440-22-4	ppm-Fe	18	18	100	39.0	301	--	--	175	175	61.7	61.7	162	173	N/G	N/G
Sodium	7440-23-5	ppm-Fe	18	18	100	178,000	414,000	--	--	312,000	312,000	56,600	56,600	307,000	305,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Fe	18	15	83	5.8	268	33.4	34.6	48.0	46.3	90.7	88.9	14.3	7.1	NP	NP
Titanium	7440-32-6	ppm-Fe	15	15	100	8,210	16,800	--	--	13,500	13,500	2,160	2,160	13,300	13,300	N/G	N/G
Vanadium	7440-62-2	ppm-Fe	18	18	100	1,100	3,230	--	--	1,820	1,820	523	523	1,760	1,760	G/Ln	G/Ln
Zinc	7440-66-6	ppm-Fe	18	18	100	10,200	29,700	--	--	17,900	17,900	5,590	5,590	17,100	18,800	N/G/Ln	N/G/Ln
Subsurface (>3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	26	26	100	349,000	652,000	--	--	446,000	446,000	74,100	74,100	441,000	438,000	NP	NP
Antimony	7440-36-0	ppm-Fe	26	4	15	88.4	1,130	103	195	119	--	208	--	84.3	73.0	--	--
Arsenic	7440-38-2	ppm-Fe	26	26	100	9.9	13,200	--	--	2,300	2,300	2,860	2,860	973	1,370	G	G
Barium	7440-39-3	ppm-Fe	26	26	100	1,480	105,000	--	--	23,900	23,900	25,700	25,700	13,600	12,400	G/Ln	G/Ln
Beryllium	7440-41-7	ppm-Fe	26	26	100	20.0	34.9	--	--	25.1	25.1	3.5	3.5	24.8	24.4	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Fe	26	25	96	5.1	691	57.2	57.2	210	210	198	194	98.6	148	G	NP
Calcium	7440-70-2	ppm-Fe	26	26	100	21,500	584,000	--	--	163,000	163,000	115,000	115,000	127,000	155,000	G	G
Chromium	7440-47-3	ppm-Fe	26	26	100	807	14,200	--	--	5,240	5,240	3,900	3,900	3,730	5,040	G	G
Cobalt	7440-48-4	ppm-Fe	26	26	100	259	611	--	--	373	373	72.1	72.1	367	367	G/Ln	G/Ln
Copper	7440-50-8	ppm-Fe	26	26	100	433	41,600	--	--	15,400	15,400	11,600	11,600	8,050	15,900	N	N

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Iron	7439-89-6	ppm-Fe	26	26	100	1,000,000	1,000,000	--	--	1,000,000	1,000,000	0.0	NA	1,000,000	1,000,000	NP	NP
Lead	7439-92-1	ppm-Fe	26	26	100	390	245,000	--	--	25,800	25,800	47,500	47,500	9,200	13,200	G	G
Magnesium	7439-95-4	ppm-Fe	26	26	100	140,000	399,000	--	--	226,000	226,000	54,100	54,100	220,000	216,000	G/Ln	G/Ln
Manganese	7439-96-5	ppm-Fe	26	26	100	5,710	17,200	--	--	9,740	9,740	2,580	2,580	9,460	9,370	G/Ln	G/Ln
Mercury	7439-97-6	ppm-Fe	24	20	83	0.77	10,900	0.43	0.56	769	769	2,210	2,160	57.7	126	G/Ln	Ln
Nickel	7440-02-0	ppm-Fe	26	26	100	680	3,340	--	--	1,480	1,480	670	670	1,350	1,320	G/Ln	G/Ln
Potassium	7440-09-7	ppm-Fe	26	26	100	58,400	119,000	--	--	83,600	83,600	14,900	14,900	82,300	83,200	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Fe	26	23	89	3.0	560	0.80	148	110	109	118	117	54.8	73.8	G/Ln	Ln
Silver	7440-22-4	ppm-Fe	22	22	100	0.63	306	--	--	109	109	97.8	97.8	47.9	76.7	G	G
Sodium	7440-23-5	ppm-Fe	26	26	100	75,900	384,000	--	--	212,000	212,000	82,400	82,400	193,000	210,000	N/G	N/G
Thallium	7440-28-0	ppm-Fe	26	22	85	4.6	233	21.3	36.8	20.6	19.4	47.8	47.1	9.5	7.5	NP	NP
Titanium	7440-32-6	ppm-Fe	24	24	100	9,650	16,300	--	--	13,100	13,100	1,870	1,870	12,900	13,100	N/G/Ln	N/G/Ln
Vanadium	7440-62-2	ppm-Fe	26	26	100	1,120	5,450	--	--	1,700	1,700	1,090	1,090	1,530	1,340	NP	NP
Zinc	7440-66-6	ppm-Fe	26	26	100	1,690	35,400	--	--	15,600	15,600	10,000	10,000	11,300	16,500	N/G	N/G

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	6	3	50	160	10,000	570	670	2,200	--	3,900	--	690	330	--	--
2,4,5-TP (Silvex)	93-72-1	ppb	3	3	100	410	800	--	--	590	590	200	200	570	550	--	--
2,4-D	94-75-7	ppb	7	5	71	1,000	9,900	940	1,200	2,800	--	3,400	--	1,700	1,800	--	--
2,4-DB	94-82-6	ppb	4	4	100	450	24,000	--	--	8,900	8,900	11,000	11,000	3,900	5,600	--	--
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb	7	0	0	--	--	770	12,000	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	7	0	0	--	--	770	12,000	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	7	0	0	--	--	770	12,000	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	7	6	86	860	4,300	12,000	12,000	3,200	--	1,700	--	2,800	2,900	--	--
Aroclor-1248	12672-29-6	ppb	7	0	0	--	--	770	12,000	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb	7	7	100	1,500	14,000	--	--	6,900	6,900	4,100	4,100	5,700	5,700	--	--
Aroclor-1260	11096-82-5	ppb	7	7	100	1,300	15,000	--	--	4,900	4,900	4,700	4,700	3,600	3,100	--	--
Aroclor-1262	37324-23-5	ppb	7	0	0	--	--	770	12,000	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	7	0	0	--	--	770	12,000	--	--	--	--	--	--	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb	7	7	100	3,600	27,000	--	--	14,000	14,000	7,800	7,800	12,000	11,000	--	--
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb	7	7	100	3,600	27,000	--	--	14,000	14,000	7,800	7,800	12,000	11,000	--	--
Pesticides																	
2,4'-DDD	53-19-0	ppb	11	10	91	94	7,600	1,200	1,200	2,400	2,300	2,300	2,200	1,300	1,400	N/G/Ln	N/Ln
2,4'-DDE	3424-82-6	ppb	10	8	80	700	1,900	77	1,200	1,100	1,200	590	450	790	1,000	N/G/Ln	N/Ln
2,4'-DDT	789-02-6	ppb	11	7	64	18	1,200	77	210	340	320	410	400	160	110	N/G/Ln	N/G/Ln
4,4'-DDD	72-54-8	ppb	11	10	91	240	19,000	37,000	37,000	8,600	7,600	7,300	6,500	4,800	6,600	N/G/Ln	N/G/Ln
4,4'-DDE	72-55-9	ppb	11	11	100	130	5,500	--	--	2,600	2,600	1,700	1,700	1,800	2,600	N/G	N/G
4,4'-DDT	50-29-3	ppb	11	10	91	94	54,000	210	210	19,000	19,000	22,000	21,000	3,600	9,100	G/Ln	N/G/Ln
Aldrin	309-00-2	ppb	11	4	36	7.6	90	3.1	600	67	--	87	--	29	26	--	--
Alpha-BHC	319-84-6	ppb	11	4	36	3.9	39	38	600	68	--	85	--	36	39	--	--
Alpha-Chlordane	5103-71-9	ppb	11	10	91	99	2,000	240	240	370	370	550	520	240	200	NP	NP
Beta-BHC	319-85-7	ppb	10	5	50	2.1	44	51	600	67	14	91	15	27	35	G/Ln	Ln
Delta-BHC	319-86-8	ppb	7	1	14	79	79	38	600	99	--	96	--	69	79	--	--
Dieldrin	60-57-1	ppb	11	6	55	53	750	210	1,200	220	160	230	200	150	110	G/Ln	G
Endosulfan I	959-98-8	ppb	11	0	0	--	--	3.1	600	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb	11	0	0	--	--	3.1	1,200	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb	11	0	0	--	--	0.48	1,200	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb	11	1	9	42	42	3.1	1,200	120	--	180	--	33	42	--	--
Endrin Aldehyde	7421-93-4	ppb	11	1	9	94	94	2.6	1,200	110	--	180	--	26	50	--	--

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Endrin Ketone	53494-70-5	ppb	11	1	9	110	110	3.1	1,200	120	--	180	--	30	50	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	11	6	55	0.92	130	51	600	70	23	90	41	22	26	G/Ln	Ln
Gamma-Chlordane	5566-34-7	ppb	7	5	71	170	2,300	240	1,900	640	--	780	--	390	310	--	--
Heptachlor	76-44-8	ppb	11	2	18	1.4	31	0.55	600	62	--	89	--	13	31	--	--
Heptachlor Epoxide	1024-57-3	ppb	10	8	80	2.2	310	190	600	110	86	120	110	38	64	G/Ln	G/Ln
Hexachlorobenzene	118-74-1	ppb	4	4	100	66	460	--	--	180	180	190	190	130	110	--	--
Methoxychlor	72-43-5	ppb	11	0	0	--	--	46	6,000	--	--	--	--	--	--	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb	7	6	86	99	4,100	240	240	910	--	1,400	--	430	420	--	--
Total DDT (2,4 & 4,4)	No CAS	ppb	7	7	100	560	71,000	--	--	26,000	26,000	28,000	28,000	10,000	19,000	--	--
Total DDT (2,4)	No CAS	ppb	7	7	100	94	11,000	--	--	3,100	3,100	3,900	3,900	1,200	2,100	--	--
Total DDT (4,4)	No CAS	ppb	11	11	100	470	68,000	--	--	29,000	29,000	27,000	27,000	13,000	20,000	G/Ln	G/Ln
Toxaphene	8001-35-2	ppb	7	0	0	--	--	3,800	60,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	7	0	0	--	--	9,400	120,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	11	10	91	390	18,000	960	960	4,800	4,800	5,000	4,700	3,000	3,600	G/Ln	Ln
2-Methylphenol	95-48-7	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	7	0	0	--	--	9,400	120,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	7	0	0	--	--	9,400	120,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	7	0	0	--	--	9,400	120,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	7	1	14	2,300	2,300	4,800	60,000	7,600	--	10,000	--	4,900	5,000	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
4-Methylphenol	106-44-5	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
4-Nitroaniline	100-01-6	ppb	7	0	0	--	--	9,400	120,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	7	0	0	--	--	9,400	120,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	11	11	100	610	52,000	--	--	6,600	6,600	15,000	15,000	2,300	1,500	NP	NP
Acenaphthylene	208-96-8	ppb	11	11	100	560	13,000	--	--	3,500	3,500	3,500	3,500	2,500	2,100	G/Ln	G/Ln
Acetophenone	98-86-2	ppb	7	1	14	5,700	5,700	4,800	60,000	8,200	--	9,700	--	5,700	5,500	--	--
Anthracene	120-12-7	ppb	11	11	100	3,600	100,000	--	--	17,000	17,000	28,000	28,000	9,900	7,600	Ln	Ln
Atrazine	1912-24-9	ppb	7	0	0	--	--	610	60,000	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb	7	2	29	1,700	2,800	4,800	60,000	7,200	--	10,000	--	4,300	2,800	--	--
Benzo(a)anthracene	56-55-3	ppb	11	11	100	12,000	410,000	--	--	60,000	60,000	120,000	120,000	30,000	22,000	NP	NP
Benzo(a)pyrene	50-32-8	ppb	11	11	100	9,200	440,000	--	--	66,000	66,000	120,000	120,000	33,000	28,000	NP	NP
Benzo(b)fluoranthene	205-99-2	ppb	11	11	100	17,000	580,000	--	--	94,000	94,000	160,000	160,000	50,000	42,000	NP	NP
Benzo(g,h,i)perylene	191-24-2	ppb	11	11	100	6,500	150,000	--	--	27,000	27,000	41,000	41,000	17,000	14,000	G	G
Benzo(k)fluoranthene	207-08-9	ppb	11	11	100	8,800	520,000	--	--	72,000	72,000	150,000	150,000	31,000	27,000	NP	NP
Biphenyl	92-52-4	ppb	11	7	64	550	6,300	4,800	12,000	3,100	2,100	2,200	1,800	2,300	2,400	G/Ln	G/Ln
bis(2-Chloroethoxy)methane	111-91-1	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	7	7	100	59,000	410,000	--	--	160,000	160,000	120,000	120,000	130,000	130,000	--	--
Butyl benzyl phthalate	85-68-7	ppb	7	5	71	2,100	18,000	11,000	24,000	7,200	--	5,900	--	5,300	5,500	--	--
Caprolactam	105-60-2	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb	7	7	100	980	77,000	--	--	13,000	13,000	28,000	28,000	3,200	2,000	--	--
Chrysene	218-01-9	ppb	11	11	100	12,000	470,000	--	--	70,000	70,000	130,000	130,000	35,000	28,000	NP	NP
Dibenzo(a,h)anthracene	53-70-3	ppb	11	11	100	1,700	58,000	--	--	8,600	8,600	16,000	16,000	4,300	3,800	NP	NP
Dibenzofuran	132-64-9	ppb	7	4	57	780	33,000	9,900	12,000	7,800	--	11,000	--	4,000	5,000	--	--
Diethyl phthalate	84-66-2	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	7	3	43	600	1,100	9,900	60,000	7,000	--	10,000	--	3,100	5,000	--	--
Di-n-Octylphthalate	117-84-0	ppb	7	4	57	2,200	30,000	9,900	11,000	7,900	--	9,900	--	5,200	5,000	--	--
Fluoranthene	206-44-0	ppb	11	11	100	31,000	1,100,000	--	--	140,000	140,000	320,000	320,000	61,000	49,000	NP	NP
Fluorene	86-73-7	ppb	11	11	100	730	55,000	--	--	6,900	6,900	16,000	16,000	2,500	1,700	NP	NP
Hexachlorobenzene	118-74-1	ppb	7	3	43	110	150	220	5,800	550	--	1,000	--	230	150	--	--
Hexachlorobutadiene	87-68-3	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	3	0	0	--	--	4,800	11,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	11	11	100	6,300	150,000	--	--	26,000	26,000	42,000	42,000	16,000	13,000	NP	NP
Isophorone	78-59-1	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	11	11	100	610	30,000	--	--	7,900	7,900	8,800	8,800	4,600	3,400	G/Ln	G/Ln

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Nitrobenzene	98-95-3	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	7	1	14	860	860	5,200	60,000	7,900	--	9,900	--	4,800	5,500	--	--
Pentachlorophenol	87-86-5	ppb	7	0	0	--	--	380	24,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb	11	11	100	6,700	490,000	--	--	58,000	58,000	140,000	140,000	18,000	11,000	NP	NP
Phenol	108-95-2	ppb	7	0	0	--	--	4,800	60,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb	11	11	100	31,000	820,000	--	--	130,000	130,000	230,000	230,000	68,000	54,000	NP	NP
Total HMW PAHs-SVOC	No CAS	ppb	11	11	100	170,000	4,700,000	--	--	690,000	690,000	1,300,000	1,300,000	360,000	250,000	NP	NP
Total LMW PAHs-SVOC	No CAS	ppb	11	11	100	15,000	770,000	--	--	110,000	110,000	220,000	220,000	47,000	36,000	NP	NP
TOTAL PAHs - SVOC	No CAS	ppb	11	11	100	190,000	5,500,000	--	--	800,000	800,000	1,600,000	1,600,000	400,000	280,000	NP	NP
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	7	7	100	27,000	130,000	--	--	60,000	60,000	45,000	45,000	49,000	38,000	--	--
Volatiles																	
1,2,3-Trichlorobenzene	87-61-6	ppb	3	0	0	--	--	440	2,700	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	3	0	0	--	--	440	2,700	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb	3	0	0	--	--	440	2,700	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb	3	0	0	--	--	440	2,700	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	ppb	3	0	0	--	--	440	2,700	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb	3	0	0	--	--	440	2,700	--	--	--	--	--	--	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	13	5	39	210	1,800	140	2,100	--	530	--	500	--	360	N/G/Ln	N/Ln
2,4,5-TP (Silvex)	93-72-1	ppb	5	5	100	130	2,000	--	--	840	840	720	720	580	800	--	--
2,4-D	94-75-7	ppb	15	11	73	240	14,000	570	2,300	3,000	2,900	3,600	3,600	1,600	2,100	G/Ln	Ln
2,4-DB	94-82-6	ppb	9	9	100	680	15,000	--	--	6,300	6,300	5,500	5,500	3,600	7,600	N/G/Ln	N/G/Ln
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb	15	0	0	--	--	480	2,100	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	15	0	0	--	--	480	2,100	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	15	0	0	--	--	480	2,100	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	15	15	100	1,500	15,000	--	--	6,600	6,600	3,800	3,800	5,600	6,000	N/G/Ln	N/G/Ln
Aroclor-1248	12672-29-6	ppb	15	0	0	--	--	480	2,100	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb	15	15	100	2,100	19,000	--	--	9,000	9,000	4,800	4,800	7,800	7,900	N/G/Ln	N/G/Ln
Aroclor-1260	11096-82-5	ppb	15	15	100	2,200	27,000	--	--	5,600	5,600	6,100	6,100	4,400	3,900	NP	NP
Aroclor-1262	37324-23-5	ppb	15	0	0	--	--	480	2,100	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	15	0	0	--	--	480	2,100	--	--	--	--	--	--	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb	15	15	100	7,600	54,000	--	--	21,000	21,000	12,000	12,000	18,000	17,000	G/Ln	G/Ln

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb	15	15	100	7,600	54,000	--	--	21,000	21,000	12,000	12,000	18,000	17,000	G/Ln	G/Ln
Pesticides																	
2,4'-DDD	53-19-0	ppb	18	18	100	170	4,500	--	--	1,300	1,300	1,200	1,200	880	760	G/Ln	G/Ln
2,4'-DDE	3424-82-6	ppb	15	15	100	100	33,000	--	--	5,200	5,200	9,300	9,300	1,800	1,500	Ln	Ln
2,4'-DDT	789-02-6	ppb	18	15	83	100	310	0.050	110	140	160	82	61	57	140	N/G/Ln	N/Ln
4,4'-DDD	72-54-8	ppb	18	18	100	500	15,000	--	--	4,400	4,400	4,400	4,400	2,600	2,000	Ln	Ln
4,4'-DDE	72-55-9	ppb	18	18	100	260	55,000	--	--	7,800	7,800	14,000	14,000	3,000	2,800	G/Ln	G/Ln
4,4'-DDT	50-29-3	ppb	18	18	100	120	38,000	--	--	6,500	6,500	10,000	10,000	1,400	630	NP	NP
Aldrin	309-00-2	ppb	18	11	61	0.27	450	0.050	140	78	70	110	110	23	38	G/Ln	Ln
Alpha-BHC	319-84-6	ppb	18	10	56	9.4	41	24	210	35	27	22	11	30	34	N/G/Ln	N
Alpha-Chlordane	5103-71-9	ppb	18	13	72	11	760	88	210	200	200	210	210	110	96	N/G/Ln	Ln
Beta-BHC	319-85-7	ppb	16	2	13	37	38	0.050	210	35	--	25	--	10	36	--	--
Delta-BHC	319-86-8	ppb	15	1	7	69	69	24	210	45	--	23	--	40	42	--	--
Dieldrin	60-57-1	ppb	18	10	56	7.0	1,400	51	420	300	280	400	400	150	140	G/Ln	Ln
Endosulfan I	959-98-8	ppb	18	1	6	55	55	24	210	40	--	21	--	36	35	--	--
Endosulfan II	33213-65-9	ppb	18	3	17	23	310	48	280	79	--	66	--	62	70	--	--
Endosulfan Sulfate	1031-07-8	ppb	17	3	18	130	200	48	280	85	--	53	--	69	75	--	--
Endrin	72-20-8	ppb	18	3	17	36	240	48	420	82	--	62	--	65	68	--	--
Endrin Aldehyde	7421-93-4	ppb	18	6	33	130	410	48	280	130	170	110	78	92	98	N/G/Ln	N
Endrin Ketone	53494-70-5	ppb	18	5	28	62	120	48	420	74	71	46	17	62	69	N/G/Ln	N/Ln
Gamma-BHC (Lindane)	58-89-9	ppb	18	5	28	5.7	210	54	210	55	29	51	54	39	40	N/G/Ln	NP
Gamma-Chlordane	5566-34-7	ppb	12	6	50	210	860	98	1,000	380	400	260	220	280	390	N/G/Ln	N/Ln
Heptachlor	76-44-8	ppb	18	8	44	38	130	0.050	210	53	59	39	28	15	47	N/G/Ln	N/Ln
Heptachlor Epoxide	1024-57-3	ppb	17	10	59	43	420	48	1,400	260	210	190	150	170	270	N	N/Ln
Hexachlorobenzene	118-74-1	ppb	3	3	100	160	1,300	--	--	770	770	570	570	560	850	--	--
Methoxychlor	72-43-5	ppb	18	7	39	11	1,500	240	1,400	400	260	360	390	250	340	N/G/Ln	G
Total Alpha + Gamma Chlordane	No CAS	ppb	15	10	67	63	1,600	98	880	450	430	500	490	240	210	N/G/Ln	NP
Total DDT (2,4 & 4,4)	No CAS	ppb	15	15	100	1,400	51,000	--	--	15,000	15,000	16,000	16,000	8,100	5,400	Ln	Ln
Total DDT (2,4)	No CAS	ppb	15	15	100	410	6,000	--	--	2,100	2,100	1,600	1,600	1,600	1,900	N/G/Ln	N/G/Ln
Total DDT (4,4)	No CAS	ppb	18	18	100	970	76,000	--	--	19,000	19,000	22,000	22,000	8,600	7,700	Ln	Ln
Toxaphene	8001-35-2	ppb	15	0	0	--	--	2,400	21,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2,4,6-Trichlorophenol	88-06-2	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	15	0	0	--	--	9,700	38,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	15	14	93	820	330,000	15,000	15,000	26,000	26,000	84,000	81,000	4,600	3,800	NP	NP
2-Methylphenol	95-48-7	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	15	0	0	--	--	9,700	38,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	15	0	0	--	--	9,700	38,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	15	0	0	--	--	9,700	38,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	15	10	67	1,600	16,000	6,100	15,000	5,800	5,800	3,500	3,400	5,000	5,000	N/G/Ln	G/Ln
4-Chlorophenyl phenyl ether	7005-72-3	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	15	2	13	1,300	1,400	4,900	20,000	5,400	--	2,800	--	4,600	5,000	--	--
4-Nitroaniline	100-01-6	ppb	15	0	0	--	--	9,700	38,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	15	0	0	--	--	9,700	38,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	18	18	100	240	160,000	--	--	22,000	22,000	38,000	38,000	7,100	5,800	G/Ln	G/Ln
Acenaphthylene	208-96-8	ppb	18	18	100	700	9,500	--	--	3,000	3,000	2,400	2,400	2,400	2,100	G/Ln	G/Ln
Acetophenone	98-86-2	ppb	15	1	7	1,400	1,400	4,900	20,000	5,800	--	2,500	--	5,100	5,500	--	--
Anthracene	120-12-7	ppb	18	18	100	2,000	95,000	--	--	32,000	32,000	29,000	29,000	21,000	20,000	G/Ln	G/Ln
Atrazine	1912-24-9	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb	15	2	13	1,500	1,800	4,900	20,000	5,400	--	2,700	--	4,700	5,000	--	--
Benzo(a)anthracene	56-55-3	ppb	18	18	100	14,000	88,000	--	--	46,000	46,000	25,000	25,000	40,000	40,000	G/Ln	G/Ln
Benzo(a)pyrene	50-32-8	ppb	18	17	94	18,000	83,000	24,000	24,000	41,000	41,000	21,000	20,000	36,000	34,000	G/Ln	N/Ln
Benzo(b)fluoranthene	205-99-2	ppb	15	14	93	24,000	93,000	46,000	46,000	55,000	56,000	25,000	24,000	50,000	52,000	N/G/Ln	N/G/Ln
Benzo(g,h,i)perylene	191-24-2	ppb	18	18	100	6,200	26,000	--	--	15,000	15,000	6,300	6,300	13,000	16,000	N/G/Ln	N/G/Ln
Benzo(k)fluoranthene	207-08-9	ppb	15	14	93	21,000	91,000	22,000	22,000	49,000	50,000	26,000	24,000	42,000	40,000	N/G/Ln	N/G/Ln
Biphenyl	92-52-4	ppb	18	6	33	500	3,300	6,100	20,000	4,900	2,200	2,700	910	4,100	4,900	N/G	NP
bis(2-Chloroethoxy)methane	111-91-1	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	15	15	100	9,500	1,500,000	--	--	500,000	500,000	410,000	410,000	310,000	310,000	N/G	N/G

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Butyl benzyl phthalate	85-68-7	ppb	15	6	40	2,600	5,400	6,100	17,000	4,800	3,500	1,900	910	4,400	3,800	N/G/Ln	NP
Caprolactam	105-60-2	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb	15	11	73	940	10,000	11,000	17,000	5,200	4,400	3,000	3,000	4,200	5,500	N/G/Ln	N/G/Ln
Chrysene	218-01-9	ppb	18	18	100	19,000	120,000	--	--	58,000	58,000	29,000	29,000	51,000	53,000	N/G/Ln	N/G/Ln
Dibenzo(a,h)anthracene	53-70-3	ppb	18	16	89	1,700	14,000	15,000	17,000	5,600	5,300	3,300	3,300	4,800	4,900	G/Ln	G/Ln
Dibenzofuran	132-64-9	ppb	15	11	73	1,000	33,000	7,000	17,000	6,400	5,500	7,800	7,700	4,300	4,300	G/Ln	Ln
Diethyl phthalate	84-66-2	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	15	1	7	1,700	1,700	4,900	20,000	5,700	--	2,500	--	5,100	5,500	--	--
Di-n-Octylphthalate	117-84-0	ppb	15	9	60	2,200	15,000	6,100	17,000	7,600	7,500	4,100	4,400	6,600	7,500	N/G/Ln	N/G/Ln
Fluoranthene	206-44-0	ppb	18	18	100	40,000	480,000	--	--	140,000	140,000	120,000	120,000	110,000	86,000	Ln	Ln
Fluorene	86-73-7	ppb	18	18	100	300	95,000	--	--	15,000	15,000	23,000	23,000	6,400	7,700	G/Ln	G/Ln
Hexachlorobenzene	118-74-1	ppb	15	3	20	46	120	290	2,900	390	--	370	--	260	240	--	--
Hexachlorobutadiene	87-68-3	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	9	0	0	--	--	6,100	95,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	18	17	94	5,400	26,000	5,400	5,400	14,000	14,000	7,000	6,600	12,000	15,000	N/G/Ln	N/Ln
Isophorone	78-59-1	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	18	18	100	860	330,000	--	--	26,000	26,000	76,000	76,000	6,500	4,500	Ln	Ln
Nitrobenzene	98-95-3	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	15	1	7	20,000	20,000	4,900	20,000	6,700	--	4,300	--	5,800	5,500	--	--
Pentachlorophenol	87-86-5	ppb	15	1	7	1,000	1,000	400	5,500	790	--	680	--	600	550	--	--
Phenanthrene	85-01-8	ppb	18	18	100	5,700	400,000	--	--	73,000	73,000	96,000	96,000	38,000	39,000	G/Ln	G/Ln
Phenol	108-95-2	ppb	15	0	0	--	--	4,900	20,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb	18	18	100	37,000	260,000	--	--	110,000	110,000	68,000	68,000	94,000	99,000	G/Ln	G/Ln
Total HMW PAHs-SVOC	No CAS	ppb	15	15	100	180,000	1,200,000	--	--	540,000	540,000	330,000	330,000	450,000	430,000	N/G/Ln	N/G/Ln
Total LMW PAHs-SVOC	No CAS	ppb	15	15	100	14,000	1,400,000	--	--	190,000	190,000	350,000	350,000	85,000	69,000	G/Ln	G/Ln
TOTAL PAHs - SVOC	No CAS	ppb	15	15	100	210,000	2,400,000	--	--	740,000	740,000	610,000	610,000	560,000	450,000	G/Ln	G/Ln
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	15	15	100	31,000	170,000	--	--	87,000	87,000	40,000	40,000	78,000	88,000	N/G/Ln	N/G/Ln

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Volatiles																	
1,2,3-Trichlorobenzene	87-61-6	ppb	15	0	0	--	--	100	59,000	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	15	0	0	--	--	100	59,000	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb	15	1	7	230	230	100	59,000	2,100	--	7,600	--	220	160	--	--
1,3-Dichlorobenzene	541-73-1	ppb	15	1	7	160	160	100	59,000	2,100	--	7,600	--	220	160	--	--
1,4-Dichlorobenzene	106-46-7	ppb	15	5	33	140	410	100	59,000	2,100	190	7,600	75	240	200	N/G/Ln	N/Ln
Chlorobenzene	108-90-7	ppb	15	5	33	150	260	100	59,000	2,100	190	7,600	40	230	180	N/G/Ln	N/Ln
Subsurface (>3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb	22	6	27	300	1,800	310	5,200	720	560	640	450	510	390	N/G/Ln	NP
2,4,5-TP (Silvex)	93-72-1	ppb	12	5	42	470	5,400	130	2,600	1,200	1,300	1,600	1,500	490	580	N/G/Ln	NP
2,4-D	94-75-7	ppb	22	12	55	570	7,300	1,400	21,000	3,400	2,600	2,400	1,700	2,700	2,700	N/G/Ln	Ln
2,4-DB	94-82-6	ppb	16	11	69	8,600	32,000	710	10,000	12,000	14,000	9,300	7,000	6,700	10,000	N/G/Ln	N/Ln
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb	22	0	0	--	--	890	18,000	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb	22	0	0	--	--	890	18,000	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb	22	0	0	--	--	890	18,000	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb	22	11	50	590	33,000	890	18,000	6,600	6,000	8,700	8,700	3,000	3,600	G/Ln	NP
Aroclor-1248	12672-29-6	ppb	22	0	0	--	--	890	18,000	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb	21	11	52	400	28,000	890	18,000	6,400	5,800	7,300	7,400	3,100	3,900	N/G/Ln	NP
Aroclor-1260	11096-82-5	ppb	22	15	68	480	8,500	1,100	18,000	3,500	3,000	2,600	2,400	2,400	3,800	N/G	G/Ln
Aroclor-1262	37324-23-5	ppb	22	0	0	--	--	890	18,000	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb	22	2	9	300	960	890	18,000	1,500	--	2,000	--	1,000	800	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb	22	17	77	480	66,000	1,100	18,000	14,000	13,000	18,000	18,000	5,000	6,700	G/Ln	NP
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb	22	17	77	690	66,000	1,100	18,000	14,000	13,000	18,000	18,000	5,200	6,700	G	NP
Pesticides																	
2,4'-DDD	53-19-0	ppb	24	16	67	97	16,000	160	1,800	2,100	2,100	3,700	3,700	680	530	G/Ln	Ln
2,4'-DDE	3424-82-6	ppb	23	17	74	120	16,000	190	1,800	3,600	3,600	4,800	4,700	1,100	960	G/Ln	NP
2,4'-DDT	789-02-6	ppb	24	12	50	66	500	0.040	1,800	220	180	210	140	87	130	G/Ln	Ln
4,4'-DDD	72-54-8	ppb	24	16	67	240	65,000	160	1,800	7,700	7,700	18,000	17,000	1,400	1,400	G/Ln	Ln
4,4'-DDE	72-55-9	ppb	24	19	79	60	33,000	260	1,800	7,600	7,600	10,000	10,000	1,700	1,700	G	NP
4,4'-DDT	50-29-3	ppb	24	17	71	74	20,000	190	1,800	2,300	2,200	4,300	4,200	720	500	G/Ln	Ln
Aldrin	309-00-2	ppb	23	13	57	44	2,100	0.040	860	200	180	430	410	55	91	NP	NP
Alpha-BHC	319-84-6	ppb	24	9	38	0.78	390	49	860	120	58	120	99	59	65	G/Ln	NP
Alpha-Chlordane	5103-71-9	ppb	24	8	33	34	580	0.040	860	180	150	180	180	63	94	N/G/Ln	NP
Beta-BHC	319-85-7	ppb	23	14	61	50	2,500	0.040	860	390	380	580	570	95	190	G/Ln	Ln

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Delta-BHC	319-86-8	ppb	21	7	33	34	850	49	860	170	130	190	190	110	100	G/Ln	NP
Dieldrin	60-57-1	ppb	24	10	42	63	4,200	36	1,800	450	360	850	840	200	200	G/Ln	NP
Endosulfan I	959-98-8	ppb	22	1	5	55	55	36	2,200	210	--	300	--	97	60	--	--
Endosulfan II	33213-65-9	ppb	24	3	13	56	250	36	1,800	190	--	190	--	120	100	--	--
Endosulfan Sulfate	1031-07-8	ppb	24	5	21	46	290	36	1,800	210	95	200	82	140	130	N/G/Ln	NP
Endrin	72-20-8	ppb	24	4	17	50	780	36	1,800	210	--	240	--	130	120	--	--
Endrin Aldehyde	7421-93-4	ppb	24	7	29	67	660	36	1,800	200	140	210	130	130	110	N/G/Ln	NP
Endrin Ketone	53494-70-5	ppb	24	8	33	71	940	36	1,800	240	170	260	200	150	120	G/Ln	NP
Gamma-BHC (Lindane)	58-89-9	ppb	23	5	22	0.33	220	49	5,800	220	30	590	56	53	50	N/G/Ln	NP
Gamma-Chlordane	5566-34-7	ppb	21	3	14	710	1,800	83	5,800	570	--	690	--	290	380	--	--
Heptachlor	76-44-8	ppb	24	8	33	57	770	0.040	860	150	140	180	160	53	73	N/G/Ln	NP
Heptachlor Epoxide	1024-57-3	ppb	23	8	35	53	3,300	36	2,000	410	340	710	690	170	190	G/Ln	NP
Hexachlorobenzene	118-74-1	ppb	2	2	100	22	220	--	--	120	120	140	140	70	120	--	--
Methoxychlor	72-43-5	ppb	24	5	21	280	660	36	8,600	900	390	1,000	130	520	490	N/G/Ln	NP
Total Alpha + Gamma Chlordane	No CAS	ppb	22	8	36	34	2,000	83	2,200	440	340	510	510	230	240	N/G/Ln	NP
Total DDT (2,4 & 4,4)	No CAS	ppb	22	19	86	160	110,000	260	1,800	20,000	20,000	32,000	31,000	3,600	4,400	G/Ln	Ln
Total DDT (2,4)	No CAS	ppb	22	19	86	97	20,000	260	1,800	4,300	4,300	6,300	6,200	1,200	1,100	G/Ln	Ln
Total DDT (4,4)	No CAS	ppb	24	20	83	60	92,000	260	1,800	17,000	17,000	25,000	25,000	3,400	4,500	G/Ln	NP
Toxaphene	8001-35-2	ppb	22	0	0	--	--	4,900	86,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb	22	6	27	1,300	99,000	9,700	91,000	18,000	8,900	22,000	20,000	11,000	9,300	G/Ln	NP
2,2-oxybis(1-Chloropropane)	540-54-5	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb	22	0	0	--	--	19,000	180,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb	22	21	96	550	4,700,000	970	970	630,000	630,000	1,200,000	1,130,000	54,000	69,000	G/Ln	G/Ln
2-Methylphenol	95-48-7	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb	22	0	0	--	--	19,000	180,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
3,3'-Dichlorobenzidine	91-94-1	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb	22	0	0	--	--	19,000	180,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb	22	0	0	--	--	19,000	180,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb	22	5	23	6,200	25,000	970	91,000	16,000	10,000	12,000	5,800	12,000	13,000	N/G/Ln	NP
4-Chlorophenyl phenyl ether	7005-72-3	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb	22	1	5	2,200	2,200	9,700	91,000	15,000	--	12,000	--	12,000	12,000	--	--
4-Nitroaniline	100-01-6	ppb	22	0	0	--	--	19,000	180,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb	22	0	0	--	--	19,000	180,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb	24	24	100	320	570,000	--	--	86,000	86,000	140,000	140,000	25,000	30,000	G/Ln	G/Ln
Acenaphthylene	208-96-8	ppb	24	15	63	150	16,000	470	18,000	4,300	3,800	3,800	3,800	2,700	3,400	G/Ln	Ln
Acetophenone	98-86-2	ppb	22	1	5	2,700	2,700	9,700	91,000	15,000	--	12,000	--	12,000	12,000	--	--
Anthracene	120-12-7	ppb	24	23	96	460	600,000	18,000	18,000	110,000	110,000	160,000	150,000	33,000	34,000	G/Ln	Ln
Atrazine	1912-24-9	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
Benzo(a)anthracene	56-55-3	ppb	24	24	100	420	380,000	--	--	74,000	74,000	89,000	89,000	33,000	37,000	NP	NP
Benzo(a)pyrene	50-32-8	ppb	24	22	92	2,000	290,000	1,800	3,300	53,000	53,000	65,000	64,000	26,000	27,000	Ln	Ln
Benzo(b)fluoranthene	205-99-2	ppb	22	22	100	530	360,000	--	--	57,000	57,000	81,000	81,000	23,000	27,000	G/Ln	G/Ln
Benzo(g,h,i)perylene	191-24-2	ppb	24	23	96	250	120,000	1,700	1,700	26,000	26,000	29,000	28,000	12,000	17,000	G/Ln	Ln
Benzo(k)fluoranthene	207-08-9	ppb	22	22	100	460	250,000	--	--	43,000	43,000	57,000	57,000	19,000	22,000	G	G
Biphenyl	92-52-4	ppb	24	18	75	1,300	350,000	9,700	91,000	49,000	47,000	76,000	76,000	18,000	24,000	G/Ln	Ln
bis(2-Chloroethoxy)methane	111-91-1	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb	22	13	59	7,200	1,400,000	10,000	91,000	290,000	290,000	430,000	430,000	73,000	45,000	N/G/Ln	NP
Butyl benzyl phthalate	85-68-7	ppb	22	2	9	1,500	6,300	9,700	91,000	15,000	--	12,000	--	12,000	12,000	--	--
Caprolactam	105-60-2	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb	22	9	41	2,700	360,000	9,700	91,000	37,000	30,000	75,000	75,000	17,000	17,000	G/Ln	NP
Chrysene	218-01-9	ppb	24	24	100	460	390,000	--	--	97,000	97,000	100,000	100,000	44,000	50,000	G	G
Dibenzo(a,h)anthracene	53-70-3	ppb	24	20	83	350	48,000	970	63,000	10,000	9,100	12,000	11,000	5,600	5,700	G/Ln	Ln
Dibenzofuran	132-64-9	ppb	22	16	73	1,800	600,000	9,700	91,000	85,000	82,000	140,000	130,000	32,000	37,000	G/Ln	Ln
Diethyl phthalate	84-66-2	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb	22	1	5	5,300	5,300	9,700	91,000	16,000	--	12,000	--	12,000	12,000	--	--
Di-n-Octylphthalate	117-84-0	ppb	22	8	36	3,900	40,000	9,700	91,000	18,000	13,000	12,000	9,900	15,000	15,000	N/G/Ln	Ln
Fluoranthene	206-44-0	ppb	24	24	100	1,200	1,400,000	--	--	210,000	210,000	300,000	300,000	88,000	93,000	G	G
Fluorene	86-73-7	ppb	24	23	96	330	470,000	970	970	85,000	85,000	110,000	100,000	25,000	64,000	G	NP

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Arthur Kill (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Hexachlorobenzene	118-74-1	ppb	22	9	41	350	110,000	190	18,000	7,900	7,000	23,000	23,000	1,900	2,500	G/Ln	NP
Hexachlorobutadiene	87-68-3	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb	11	0	0	--	--	13,000	91,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb	24	23	96	230	100,000	1,700	1,700	22,000	22,000	25,000	25,000	11,000	13,000	G/Ln	Ln
Isophorone	78-59-1	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb	24	23	96	1,600	1,300,000	51,000	51,000	250,000	250,000	320,000	320,000	64,000	97,000	G	NP
Nitrobenzene	98-95-3	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb	22	9	41	5,500	150,000	9,700	91,000	37,000	32,000	41,000	42,000	21,000	21,000	N/G/Ln	NP
Pentachlorophenol	87-86-5	ppb	22	1	5	880	880	380	35,000	3,800	--	4,600	--	1,900	1,900	--	--
Phenanthrene	85-01-8	ppb	24	23	96	740	2,300,000	18,000	18,000	360,000	360,000	530,000	520,000	72,000	160,000	G/Ln	G/Ln
Phenol	108-95-2	ppb	22	0	0	--	--	9,700	91,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb	23	22	96	6,200	790,000	1,500	1,500	200,000	200,000	190,000	190,000	110,000	130,000	G/Ln	Ln
Total HMW PAHs-SVOC	No CAS	ppb	22	22	100	3,500	3,900,000	--	--	800,000	800,000	910,000	910,000	350,000	430,000	G	G
Total LMW PAHs-SVOC	No CAS	ppb	22	22	100	1,500	7,800,000	--	--	1,600,000	1,600,000	1,900,000	1,900,000	400,000	1,400,000	G	G
TOTAL PAHs - SVOC	No CAS	ppb	22	22	100	5,100	9,200,000	--	--	2,400,000	2,400,000	2,500,000	2,500,000	920,000	2,000,000	G	G
TPH																	
Total Petroleum Hydrocarbons	TPH	ppm	22	20	91	6,900	2,900,000	5,800	10,000	380,000	380,000	630,000	610,000	130,000	140,000	G/Ln	Ln
Volatiles																	
1,2,3-Trichlorobenzene	87-61-6	ppb	22	0	0	--	--	220	45,000	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb	22	6	27	160	280,000	220	45,000	18,000	14,000	59,000	58,000	2,400	4,200	Ln	NP
1,2-Dichlorobenzene	95-50-1	ppb	22	8	36	240	36,000	220	45,000	7,400	3,700	9,400	8,200	2,300	4,000	G/Ln	Ln
1,3-Dichlorobenzene	541-73-1	ppb	22	9	41	84	100,000	330	45,000	9,300	5,800	21,000	21,000	1,900	2,400	G/Ln	NP
1,4-Dichlorobenzene	106-46-7	ppb	22	11	50	200	180,000	330	45,000	14,000	11,000	38,000	37,000	2,500	4,200	Ln	NP
Chlorobenzene	108-90-7	ppb	22	10	46	100	470,000	330	45,000	26,000	23,000	99,000	98,000	2,200	1,900	Ln	NP

Table D-12
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Arthur Kill (Normalized)

Abbreviations:

-- not applicable due to frequency of detection
1/2 DL = half the detection limit (e.g., sample reporting limit)
Al = Aluminum
CARP = Contaminant Assessment and Reduction Program
CAS = Chemical Abstracts Service
Fe = Iron
FOD = frequency of detection (detects / total)
ft bss = feet below sediment surface
GM = geometric mean
GOF = goodness-of-fit
HMW = high molecular weight
KM = Kaplan-Meier
LMW = low molecular weight
Max = maximum
Min = minimum
NBSA = Newark Bay Study Area
ND = nondetect
NOAA = National Oceanic and Atmospheric Administration
PAH = polynuclear aromatic hydrocarbon
PCB = polycyclic aromatic hydrocarbon
ppb = parts per billiom
ppm = parts per milliom
ppt = parts per trillion
ROS = regression on ordered statistics
SD = standard deviation
SVOC = semivolatile organic compound
TOC = total organic carbon
TPH = total petroleum hydrocarbon

Notes:

[1] Total concentrations are based on the sum of detected observations; therefore statistics for totals are based on detected observations.

[2] KM and GOF statistics generated using USEPA ProUCL (v. 4.1.01) software (USEPA, 2011). Remaining statistics generated in MS Access 2010.

[3] When FOD = 100%, the KM statistics are equal to the arithmetic mean and standard deviation of the full dataset.

[4] KM statistics and GOF results only reported for constituents with at least 8 total observations and 5 distinct detected observations (USEPA, 2010).

[5] The GM is a parameter that specifically defines a lognormal distribution and is equal to the anti-log of the mean of the log-transformed values. GM is generally not descriptive of the central tendency for data that are not lognormally distributed.

[6] Distribution assessed by GOF tests at 95% confidence level (α = 0.05) using ProUCL 4.1.01 Left-censored data are evaluated with both detects only and ROS methods (USEPA, 2010).
Normal (N): dataset follows a normal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Gamma (G): dataset follows a gamma distribution, according to the Kolmogorov-Smirnov test.
Lognormal (Ln): dataset follows a lognormal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Nonparametric (NP): dataset does not follow any of the three distributions noted above.

[7] Level = data usability levels. For information about these levels and their applicability, please refer to Section 3 of the report.

[8] This table presents data for each of the 18 select chemicals (where available) identified for focused evaluation in Section 4.3

[9] Organic compounds are normalized to TOC and inorganic compounds are normalized to aluminum.

[10] The Arthur Kill sample group includes samples from the Elizabeth River, Morses Creek, and Piles Creek.

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	37	37	100	44.8	40,100	--	--	8,270	8,270	9,330	9,330	4,380	5,940	G	G
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	37	37	100	76.3	485,000	--	--	58,100	58,100	106,000	106,000	15,700	27,100	NP	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	37	37	100	19.9	9,110	--	--	1,410	1,410	2,010	2,010	543	740	G/Ln	G/Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	37	35	95	9.64	508	47.5	51.7	132	132	126	124	85.3	102	G/Ln	Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	37	36	97	133	94,000	47.5	47.5	13,700	13,700	20,900	20,600	4,280	7,070	G	G
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	37	36	97	24.2	2,490	47.5	47.5	554	554	563	555	314	403	G/Ln	G/Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	37	36	97	35.8	17,900	47.5	47.5	2,740	2,740	4,500	4,440	916	1,360	Ln	G/Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	37	35	95	22.3	1,620	47.5	479	298	296	337	333	177	225	G/Ln	Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	37	31	84	7.18	1,590	47.5	682	250	243	334	332	119	149	G/Ln	Ln
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	37	36	97	7.63	1,080	47.5	47.5	168	168	201	198	98.5	134	G/Ln	G/Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	37	35	95	18.2	5,260	47.5	2,740	734	710	1,120	1,110	309	365	Ln	G/Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	37	35	95	20.1	5,040	47.5	9,400	848	741	1,280	1,110	352	486	Ln	Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	37	36	97	32.5	7,570	47.5	47.5	1,470	1,470	1,760	1,730	684	1,150	G/Ln	G/Ln
2,3,7,8-TCDD	1746-01-6	ppt-TOC	37	36	97	13.5	80,800	19.0	19.0	4,370	4,370	13,200	13,000	994	1,800	Ln	Ln
2,3,7,8-TCDF	51207-31-9	ppt-TOC	37	36	97	27.5	2,450	4,790	4,790	590	540	634	555	337	434	G/Ln	G/Ln
OCDD	3268-87-9	ppt-TOC	37	37	100	959	422,000	--	--	85,100	85,100	86,300	86,300	52,100	69,000	G	G
OCDF	39001-02-0	ppt-TOC	37	37	100	586	911,000	--	--	95,300	95,300	177,000	177,000	26,900	46,300	G	G
Total HpCDD	37871-00-4	ppt-TOC	37	37	100	142	95,900	--	--	22,000	22,000	22,900	22,900	12,400	17,600	G	G
Total HpCDF	38998-75-3	ppt-TOC	37	36	97	550	527,000	47.5	47.5	71,800	71,800	127,000	125,000	19,100	31,700	NP	G
Total HxCDD	34465-46-8	ppt-TOC	37	37	100	87.4	36,200	--	--	6,430	6,430	6,920	6,920	3,890	4,750	G/Ln	G/Ln
Total HxCDF	55684-94-1	ppt-TOC	37	36	97	423	197,000	47.5	47.5	34,800	34,800	52,400	51,700	11,500	17,900	NP	NP
Total PeCDD	36088-22-9	ppt-TOC	37	37	100	3.46	14,700	--	--	2,420	2,420	2,670	2,670	1,320	1,670	G	G
Total PeCDF	30402-15-4	ppt-TOC	37	36	97	278	116,000	47.5	47.5	18,100	18,100	24,400	24,100	7,520	11,600	G/Ln	NP
Total TCDD	41903-57-5	ppt-TOC	37	37	100	11.5	110,000	--	--	8,350	8,350	17,900	17,900	3,190	5,340	NP	NP
Total TCDF	55722-27-5	ppt-TOC	37	37	100	76.6	148,000	--	--	18,600	18,600	26,000	26,000	8,390	12,800	G	G
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	24	24	100	1,470	1,210,000	--	--	108,000	108,000	262,000	262,000	21,600	19,500	Ln	Ln
PCB-100	39485-83-1	ppt-TOC	24	23	96	421	158,000	665	665	36,100	36,200	53,900	52,700	10,600	11,500	G/Ln	G/Ln
PCB-103	60145-21-3	ppt-TOC	25	22	88	354	236,000	134	665	39,400	39,400	62,600	61,400	8,450	10,500	G/Ln	Ln
PCB-104	56558-16-8	ppt-TOC	25	17	68	278	14,700	74.5	9,580	2,330	2,190	3,770	3,700	775	767	NP	Ln
PCB-105	32598-14-4	ppt-TOC	37	37	100	385	4,840,000	--	--	514,000	514,000	990,000	990,000	145,000	175,000	G	G
PCB-106/118	PCB-106/118	ppt-TOC	36	36	100	995	11,100,000	--	--	1,300,000	1,300,000	2,350,000	2,350,000	378,000	471,000	G	G
PCB-107/109	70424-68-9/7447	ppt-TOC	24	22	92	991	935,000	565	665	115,000	115,000	235,000	230,000	23,900	28,800	G/Ln	Ln
PCB-108/112	70362-41-3/7447	ppt-TOC	24	23	96	868	911,000	665	665	103,000	103,000	210,000	205,000	25,000	22,200	G/Ln	G/Ln
PCB-11	2050-67-1	ppt-TOC	25	24	96	2,370	1,330,000	1,690	1,690	177,000	177,000	265,000	259,000	67,900	104,000	G/Ln	NP
PCB-110	38380-03-9	ppt-TOC	24	24	100	1,270	13,500,000	--	--	1,890,000	1,890,000	3,280,000	3,280,000	501,000	505,000	G/Ln	G/Ln
PCB-111/115	PCB-111/115	ppt-TOC	24	23	96	324	435,000	665	665	45,000	45,000	98,800	96,700	10,200	8,530	Ln	G/Ln
PCB-113	68194-10-5	ppt-TOC	24	19	79	181	73,000	113	862	6,990	7,000	15,700	15,300	1,560	1,440	Ln	Ln
PCB-114	74472-37-0	ppt-TOC	37	35	95	254	441,000	101	665	38,800	38,800	85,400	84,300	10,200	10,700	Ln	Ln

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-119	56558-17-9	ppt-TOC	24	23	96	582	497,000	665	665	76,700	76,700	134,000	131,000	18,800	18,000	Ln	G/Ln
PCB-12/13	PCB-12/13	ppt-TOC	25	24	96	1,430	12,800,000	2,530	2,530	697,000	697,000	2,550,000	2,500,000	60,500	59,700	Ln	Ln
PCB-120	68194-12-7	ppt-TOC	25	20	80	109	35,300	113	862	5,260	5,250	9,120	8,950	1,470	1,430	Ln	Ln
PCB-121	56558-18-0	ppt-TOC	25	0	0	--	--	74.5	9,580	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt-TOC	25	24	96	158	231,000	665	665	25,200	25,200	53,400	52,300	6,630	5,720	G/Ln	G/Ln
PCB-123	65510-44-3	ppt-TOC	37	35	95	264	349,000	69.4	665	31,500	31,500	67,700	66,800	8,860	10,000	Ln	Ln
PCB-124	70424-70-3	ppt-TOC	24	23	96	459	419,000	665	665	55,900	55,900	104,000	102,000	15,400	14,200	Ln	G/Ln
PCB-126	57465-28-8	ppt-TOC	37	33	89	312	60,500	86.8	6,070	6,920	6,920	12,100	12,000	2,590	3,030	Ln	Ln
PCB-127	39635-33-1	ppt-TOC	25	2	8	534	2,210	74.5	9,580	667	--	1,110	--	310	324	--	--
PCB-128/162	PCB-128/162	ppt-TOC	24	24	100	298	970,000	--	--	160,000	160,000	245,000	245,000	49,300	61,600	G/Ln	G/Ln
PCB-129	55215-18-4	ppt-TOC	24	23	96	491	265,000	665	665	45,600	45,600	70,200	68,800	14,300	15,700	G/Ln	G/Ln
PCB-130	52663-66-8	ppt-TOC	25	24	96	705	407,000	665	665	73,100	73,100	109,000	107,000	23,900	28,100	G/Ln	G/Ln
PCB-131	61798-70-7	ppt-TOC	25	14	56	80.2	23,900	74.5	1,110	1,670	1,640	4,740	4,660	437	450	Ln	Ln
PCB-132/161	38380-05-1/7447	ppt-TOC	24	24	100	371	2,060,000	--	--	351,000	351,000	584,000	584,000	94,700	113,000	G/Ln	G/Ln
PCB-133/142	PCB-133/142	ppt-TOC	24	23	96	364	207,000	665	665	36,700	36,700	57,800	56,600	11,600	13,000	G/Ln	G/Ln
PCB-134/143	PCB-134/143	ppt-TOC	25	24	96	673	408,000	665	665	70,600	70,600	109,000	107,000	21,600	22,800	G/Ln	G/Ln
PCB-135	52744-13-5	ppt-TOC	24	23	96	1,800	1,240,000	665	665	179,000	179,000	312,000	306,000	48,000	53,000	G/Ln	G/Ln
PCB-136	38411-22-2	ppt-TOC	25	25	100	213	1,560,000	--	--	222,000	222,000	374,000	374,000	57,500	61,600	G/Ln	G/Ln
PCB-137	35694-06-5	ppt-TOC	25	24	96	536	266,000	665	665	47,300	47,300	67,600	66,200	16,700	17,400	G/Ln	G/Ln
PCB-138/163/164	35065-28-2/7447	ppt-TOC	24	24	100	1,400	7,730,000	--	--	1,280,000	1,280,000	2,150,000	2,150,000	353,000	439,000	G/Ln	G/Ln
PCB-139/149	PCB-139/149	ppt-TOC	24	24	100	1,350	8,710,000	--	--	1,270,000	1,270,000	2,200,000	2,200,000	327,000	378,000	G/Ln	G/Ln
PCB-14	34883-41-5	ppt-TOC	25	3	12	572	5,350	149	19,200	1,230	--	2,100	--	580	555	--	--
PCB-140	59291-64-4	ppt-TOC	24	21	88	200	63,800	113	862	8,950	8,940	16,000	15,700	2,610	2,670	Ln	Ln
PCB-141	52712-04-6	ppt-TOC	25	25	100	286	1,890,000	--	--	262,000	262,000	472,000	472,000	65,900	73,500	G/Ln	G/Ln
PCB-144	68194-14-9	ppt-TOC	25	24	96	555	539,000	665	665	70,000	70,000	130,000	127,000	18,600	18,400	Ln	G/Ln
PCB-145	74472-40-5	ppt-TOC	25	12	48	62.4	3,760	74.5	9,580	796	519	1,240	916	332	324	Ln	NP
PCB-146/165	51908-16-8/7447	ppt-TOC	24	23	96	1,990	1,330,000	665	665	203,000	203,000	345,000	337,000	56,300	68,300	G/Ln	G/Ln
PCB-147	68194-13-8	ppt-TOC	24	23	96	500	238,000	665	665	48,100	48,100	69,700	68,300	15,100	17,500	G/Ln	G/Ln
PCB-148	74472-41-6	ppt-TOC	25	21	84	228	19,400	74.5	862	4,540	4,560	6,400	6,260	1,550	1,500	Ln	Ln
PCB-15	2050-68-2	ppt-TOC	25	24	96	6,770	29,200,000	2,290	2,290	1,790,000	1,790,000	5,790,000	5,670,000	260,000	305,000	Ln	G/Ln
PCB-150	68194-08-1	ppt-TOC	25	22	88	82.1	73,600	113	862	11,000	11,000	17,900	17,600	3,030	3,810	G/Ln	Ln
PCB-151	52663-63-5	ppt-TOC	24	24	100	434	2,760,000	--	--	361,000	361,000	675,000	675,000	86,600	99,900	G/Ln	G/Ln
PCB-152	68194-09-2	ppt-TOC	25	16	64	315	15,100	74.5	3,500	2,130	2,130	3,660	3,570	730	677	Ln	Ln
PCB-153	35065-27-1	ppt-TOC	24	24	100	1,400	9,390,000	--	--	1,450,000	1,450,000	2,480,000	2,480,000	382,000	453,000	G/Ln	G/Ln
PCB-154	60145-22-4	ppt-TOC	25	24	96	467	317,000	665	665	56,400	56,400	87,300	85,500	15,400	19,400	G/Ln	G/Ln
PCB-155	33979-03-2	ppt-TOC	25	21	84	200	19,700	74.5	9,580	3,990	3,920	4,360	4,290	1,970	2,630	G/Ln	Ln
PCB-156	38380-08-4	ppt-TOC	36	36	100	122	677,000	--	--	103,000	103,000	163,000	163,000	32,600	39,100	G	G
PCB-157	69782-90-7	ppt-TOC	36	34	94	290	124,000	92.9	665	21,100	21,100	30,900	30,500	8,000	9,450	G/Ln	Ln
PCB-158/160	74472-42-7/4141	ppt-TOC	24	23	96	1,390	767,000	665	665	134,000	134,000	217,000	213,000	38,900	45,300	G/Ln	G/Ln
PCB-159	39635-35-3	ppt-TOC	25	21	84	301	114,000	113	1,110	16,900	16,900	29,700	29,100	4,360	5,680	G/Ln	Ln
PCB-16/32	PCB-16/32	ppt-TOC	24	23	96	6,590	24,300,000	665	665	1,900,000	1,900,000	5,050,000	4,940,000	250,000	311,000	Ln	G/Ln

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-166	41411-63-6	ppt-TOC	24	21	88	164	24,300	113	862	4,410	4,410	6,450	6,310	1,730	2,010	G/Ln	Ln
PCB-167	52663-72-6	ppt-TOC	37	36	97	81.5	298,000	665	665	45,200	45,200	67,700	66,800	16,000	19,400	G/Ln	Ln
PCB-168	59291-65-5	ppt-TOC	24	18	75	314	17,900	74.5	1,110	3,620	3,660	5,250	5,110	1,170	1,240	G/Ln	Ln
PCB-169	32774-16-6	ppt-TOC	37	3	8	75.1	3,270	74.5	9,580	512	--	1,060	--	214	181	--	--
PCB-17	37680-66-3	ppt-TOC	25	24	96	4,350	23,500,000	665	665	1,570,000	1,570,000	4,740,000	4,640,000	178,000	199,000	Ln	Ln
PCB-170	35065-30-6	ppt-TOC	25	25	100	480	2,890,000	--	--	371,000	371,000	733,000	733,000	86,600	105,000	G/Ln	G/Ln
PCB-171	52663-71-5	ppt-TOC	24	23	96	886	841,000	665	665	105,000	105,000	215,000	210,000	24,600	27,900	Ln	G/Ln
PCB-172	52663-74-8	ppt-TOC	25	24	96	555	465,000	665	665	62,500	62,500	118,000	116,000	16,600	19,800	Ln	G/Ln
PCB-173	68194-16-1	ppt-TOC	24	21	88	226	69,700	113	862	9,100	9,110	18,200	17,800	2,310	2,450	Ln	Ln
PCB-174	38411-25-5	ppt-TOC	25	24	96	3,570	3,380,000	665	665	429,000	429,000	851,000	834,000	99,600	118,000	Ln	G/Ln
PCB-175	40186-70-7	ppt-TOC	25	24	96	214	155,000	665	665	19,600	19,600	37,600	36,900	5,580	5,890	Ln	G/Ln
PCB-176	52663-65-7	ppt-TOC	25	24	96	505	514,000	665	665	60,000	60,000	121,000	118,000	14,900	16,100	Ln	G/Ln
PCB-177	52663-70-4	ppt-TOC	25	24	96	2,240	1,940,000	665	665	253,000	253,000	487,000	477,000	62,800	77,900	Ln	G/Ln
PCB-178	52663-67-9	ppt-TOC	25	24	96	891	709,000	665	665	95,100	95,100	171,000	167,000	26,300	30,800	G/Ln	G/Ln
PCB-179	52663-64-6	ppt-TOC	25	25	100	207	1,760,000	--	--	219,000	219,000	414,000	414,000	54,000	65,900	G/Ln	G/Ln
PCB-18	37680-65-2	ppt-TOC	24	23	96	10,200	47,800,000	665	665	3,410,000	3,410,000	9,900,000	9,690,000	347,000	389,000	Ln	G/Ln
PCB-180	35065-29-3	ppt-TOC	24	24	100	931	7,080,000	--	--	943,000	943,000	1,860,000	1,860,000	218,000	267,000	G/Ln	G/Ln
PCB-181	74472-47-2	ppt-TOC	25	19	76	86.2	22,000	113	4,440	2,460	2,400	4,720	4,640	858	674	Ln	Ln
PCB-182/187	PCB-182/187	ppt-TOC	24	24	100	601	4,350,000	--	--	588,000	588,000	1,080,000	1,080,000	150,000	184,000	G/Ln	G/Ln
PCB-183	52663-69-1	ppt-TOC	25	25	100	300	2,080,000	--	--	254,000	254,000	494,000	494,000	62,000	72,700	G/Ln	G/Ln
PCB-184	74472-48-3	ppt-TOC	25	15	60	229	2,190	74.5	9,580	956	788	1,020	614	554	555	N/G/Ln	N/Ln
PCB-185	52712-05-7	ppt-TOC	25	24	96	423	353,000	665	665	45,700	45,700	88,500	86,700	12,100	13,400	Ln	G/Ln
PCB-186	74472-49-4	ppt-TOC	25	5	20	105	252	74.5	9,580	489	138	958	44.8	240	165	N/G/Ln	NP
PCB-188	74487-85-7	ppt-TOC	25	18	72	167	13,200	74.5	9,580	2,640	2,430	3,640	3,580	1,020	864	G/Ln	Ln
PCB-189	39635-31-9	ppt-TOC	37	34	92	145	100,000	53.7	862	11,900	11,900	22,200	21,900	3,910	4,870	Ln	Ln
PCB-19	38444-73-4	ppt-TOC	25	24	96	1,150	8,730,000	665	665	526,000	526,000	1,750,000	1,720,000	43,800	51,300	Ln	Ln
PCB-190	41411-64-7	ppt-TOC	25	24	96	614	571,000	665	665	74,400	74,400	145,000	142,000	19,000	22,500	Ln	G/Ln
PCB-191	74472-50-7	ppt-TOC	25	23	92	155	116,000	665	862	15,400	15,400	29,400	28,800	4,280	4,840	G/Ln	Ln
PCB-192	74472-51-8	ppt-TOC	25	4	16	228	647	74.5	9,580	545	--	951	--	291	324	--	--
PCB-193	69782-91-8	ppt-TOC	24	23	96	414	320,000	665	665	44,000	44,000	82,700	81,000	11,700	12,900	G/Ln	G/Ln
PCB-194	35694-08-7	ppt-TOC	25	24	96	1,930	1,320,000	665	665	208,000	208,000	351,000	344,000	58,200	74,200	G/Ln	G/Ln
PCB-195	52663-78-2	ppt-TOC	25	24	96	655	620,000	665	665	86,500	86,500	157,000	154,000	22,900	27,800	G/Ln	G/Ln
PCB-196/203	PCB-196/203	ppt-TOC	24	24	100	357	1,820,000	--	--	266,000	266,000	469,000	469,000	73,700	96,200	G/Ln	G/Ln
PCB-197	33091-17-7	ppt-TOC	25	22	88	224	63,900	113	862	9,420	9,430	15,900	15,600	3,000	3,490	G/Ln	Ln
PCB-198	68194-17-2	ppt-TOC	24	21	88	154	77,000	565	862	11,300	11,300	20,100	19,700	3,350	4,890	Ln	Ln
PCB-199	52663-75-9	ppt-TOC	25	25	100	246	1,590,000	--	--	243,000	243,000	410,000	410,000	72,300	94,300	G/Ln	G/Ln
PCB-2	2051-61-8	ppt-TOC	24	24	100	485	378,000	--	--	27,600	27,600	75,900	75,900	7,950	8,260	Ln	Ln
PCB-20/21/33	38444-84-7/5570	ppt-TOC	24	23	96	4,590	6,080,000	665	665	784,000	785,000	1,450,000	1,420,000	171,000	232,000	G/Ln	G/Ln
PCB-200	52663-73-7	ppt-TOC	24	23	96	301	203,000	665	665	29,500	29,500	53,700	52,500	8,340	9,470	Ln	G/Ln
PCB-201	40186-71-8	ppt-TOC	25	24	96	397	215,000	665	665	33,600	33,600	54,200	53,100	11,300	13,600	G/Ln	G/Ln
PCB-202	2136-99-4	ppt-TOC	25	24	96	841	317,000	665	665	63,300	63,300	84,900	83,200	23,500	30,800	G/Ln	Ln

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-204	74472-52-9	ppt-TOC	25	10	40	188	778	74.5	9,580	581	330	942	165	328	363	N/G/Ln	N/Ln
PCB-205	74472-53-0	ppt-TOC	25	22	88	251	57,400	113	862	9,470	9,480	15,500	15,200	3,070	3,970	G/Ln	Ln
PCB-206	40186-72-9	ppt-TOC	25	25	100	307	865,000	--	--	150,000	150,000	205,000	205,000	54,100	71,400	G/Ln	G/Ln
PCB-207	52663-79-3	ppt-TOC	25	25	100	156	67,800	--	--	14,700	14,700	18,300	18,300	6,060	7,960	G/Ln	G/Ln
PCB-208	52663-77-1	ppt-TOC	25	25	100	135	278,000	--	--	45,500	45,500	61,000	61,000	17,400	24,900	G/Ln	G/Ln
PCB-209	2051-24-3	ppt-TOC	37	37	100	768	724,000	--	--	107,000	107,000	141,000	141,000	48,200	70,200	G	G
PCB-22	38444-85-8	ppt-TOC	25	24	96	4,180	5,410,000	665	665	625,000	625,000	1,140,000	1,120,000	159,000	217,000	G/Ln	G/Ln
PCB-23	55720-44-0	ppt-TOC	25	16	64	96.6	23,700	74.5	4,020	2,210	2,140	4,800	4,720	674	555	G/Ln	Ln
PCB-24/27	PCB-24/27	ppt-TOC	24	23	96	1,220	7,760,000	665	665	466,000	466,000	1,580,000	1,540,000	43,600	48,700	Ln	Ln
PCB-25	55712-37-3	ppt-TOC	25	24	96	2,670	16,100,000	665	665	905,000	905,000	3,210,000	3,140,000	87,000	91,900	Ln	Ln
PCB-26	38444-81-4	ppt-TOC	24	24	100	762	21,300,000	--	--	1,260,000	1,260,000	4,330,000	4,330,000	129,000	141,000	Ln	Ln
PCB-28	7012-37-5	ppt-TOC	24	24	100	1,340	29,500,000	--	--	2,670,000	2,670,000	6,100,000	6,100,000	572,000	745,000	G/Ln	G/Ln
PCB-29	15862-07-4	ppt-TOC	24	21	88	155	77,600	113	862	9,020	9,020	17,300	16,900	2,340	2,370	G/Ln	Ln
PCB-3	2051-62-9	ppt-TOC	25	25	100	1,350	2,630,000	--	--	154,000	154,000	522,000	522,000	22,700	18,100	Ln	Ln
PCB-30	35693-92-6	ppt-TOC	24	12	50	332	28,100	74.5	9,580	2,510	2,400	5,940	5,790	593	436	G/Ln	NP
PCB-31	16606-02-3	ppt-TOC	25	25	100	4,930	35,900,000	--	--	2,720,000	2,720,000	7,190,000	7,190,000	528,000	605,000	Ln	Ln
PCB-34	37680-68-5	ppt-TOC	25	23	92	120	541,000	665	862	33,400	33,400	108,000	106,000	4,710	5,030	Ln	Ln
PCB-35	37680-69-6	ppt-TOC	25	23	92	384	505,000	134	665	46,900	46,900	99,400	97,400	12,800	19,100	G/Ln	Ln
PCB-36	38444-87-0	ppt-TOC	25	17	68	135	17,900	74.5	9,580	1,710	1,520	3,540	3,420	672	710	Ln	Ln
PCB-37	38444-90-5	ppt-TOC	25	25	100	613	6,460,000	--	--	615,000	615,000	1,280,000	1,280,000	167,000	212,000	G/Ln	G/Ln
PCB-38	53555-66-1	ppt-TOC	25	23	92	160	327,000	665	3,590	24,400	24,300	65,800	64,500	4,920	4,450	Ln	Ln
PCB-39	38444-88-1	ppt-TOC	25	22	88	108	137,000	113	862	9,070	9,060	27,100	26,500	1,910	1,920	Ln	Ln
PCB-4/10	PCB-4/10	ppt-TOC	24	23	96	2,350	15,800,000	1,330	1,330	984,000	984,000	3,250,000	3,190,000	76,500	86,700	Ln	Ln
PCB-40	38444-93-8	ppt-TOC	23	22	96	1,340	3,840,000	665	665	319,000	319,000	796,000	779,000	60,100	62,600	G/Ln	G/Ln
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	20	20	100	1,090	25,600,000	--	--	2,430,000	2,430,000	5,720,000	5,720,000	454,000	444,000	G/Ln	G/Ln
PCB-42/59	36559-22-5/7447	ppt-TOC	24	24	100	534	10,100,000	--	--	966,000	966,000	2,140,000	2,140,000	199,000	229,000	G/Ln	G/Ln
PCB-43/49	PCB-43/49	ppt-TOC	24	24	100	1,300	39,700,000	--	--	3,120,000	3,120,000	8,120,000	8,120,000	546,000	578,000	G/Ln	G/Ln
PCB-44	41464-39-5	ppt-TOC	24	24	100	1,140	22,500,000	--	--	2,340,000	2,340,000	4,810,000	4,810,000	511,000	578,000	G/Ln	G/Ln
PCB-45	70362-45-7	ppt-TOC	25	24	96	2,800	5,220,000	665	665	456,000	456,000	1,060,000	1,040,000	85,500	92,100	G/Ln	G/Ln
PCB-46	41464-47-5	ppt-TOC	25	24	96	1,420	2,360,000	665	665	206,000	206,000	484,000	474,000	39,000	39,500	G/Ln	G/Ln
PCB-47	2437-79-8	ppt-TOC	24	24	100	682	16,000,000	--	--	1,270,000	1,270,000	3,280,000	3,280,000	236,000	253,000	Ln	Ln
PCB-48/75	70362-47-9/3259	ppt-TOC	24	23	96	3,450	6,590,000	665	665	572,000	572,000	1,360,000	1,330,000	108,000	114,000	Ln	G/Ln
PCB-5/8	PCB-5/8	ppt-TOC	24	23	96	5,230	28,600,000	1,410	1,410	1,960,000	1,960,000	5,940,000	5,820,000	179,000	229,000	Ln	G/Ln
PCB-50	62796-65-0	ppt-TOC	24	19	79	205	243,000	113	862	16,300	16,300	49,500	48,500	2,050	1,980	Ln	Ln
PCB-51	68194-04-7	ppt-TOC	25	24	96	2,100	3,460,000	665	665	279,000	279,000	698,000	684,000	51,600	51,000	G/Ln	G/Ln
PCB-52/69	35693-99-3/6023	ppt-TOC	24	24	100	4,360	39,500,000	--	--	3,360,000	3,360,000	8,100,000	8,100,000	682,000	687,000	G/Ln	G/Ln
PCB-53	41464-41-9	ppt-TOC	24	23	96	4,230	8,700,000	665	665	656,000	656,000	1,780,000	1,740,000	99,000	114,000	Ln	G/Ln
PCB-54	15968-05-5	ppt-TOC	25	22	88	155	202,000	565	862	17,500	17,500	42,800	41,900	3,140	2,860	Ln	Ln
PCB-55	74338-24-2	ppt-TOC	25	23	92	220	562,000	565	665	45,100	45,100	118,000	116,000	7,550	7,030	Ln	Ln
PCB-56/60	PCB-56/60	ppt-TOC	24	24	100	754	17,200,000	--	--	1,620,000	1,620,000	3,720,000	3,720,000	314,000	344,000	G/Ln	G/Ln
PCB-57	70424-67-8	ppt-TOC	25	23	92	127	214,000	665	862	19,000	19,000	45,400	44,500	4,060	3,350	Ln	Ln

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-58	41464-49-7	ppt-TOC	25	22	88	161	119,000	113	862	11,700	11,700	26,200	25,700	2,560	2,280	Ln	Ln
PCB-6	25569-80-6	ppt-TOC	25	24	96	2,480	25,600,000	1,330	1,330	1,390,000	1,390,000	5,140,000	5,040,000	65,800	55,900	Ln	Ln
PCB-61/70	PCB-61/70	ppt-TOC	24	24	100	1,260	25,900,000	--	--	2,400,000	2,400,000	5,340,000	5,340,000	525,000	544,000	G/Ln	G/Ln
PCB-62	54230-22-7	ppt-TOC	24	12	50	243	12,400	74.5	9,580	1,410	1,260	2,800	2,650	454	364	Ln	Ln
PCB-63	74472-34-7	ppt-TOC	25	24	96	632	1,280,000	665	665	106,000	106,000	264,000	259,000	21,100	18,100	G/Ln	G/Ln
PCB-65	33284-54-7	ppt-TOC	24	13	54	327	27,000	74.5	9,580	2,610	2,500	5,700	5,560	701	633	G/Ln	Ln
PCB-67	73575-53-8	ppt-TOC	25	24	96	559	1,760,000	665	665	127,000	127,000	355,000	347,000	22,000	20,100	Ln	G/Ln
PCB-68	73575-52-7	ppt-TOC	23	22	96	130	208,000	665	665	18,700	18,700	43,200	42,300	4,300	3,660	G/Ln	G/Ln
PCB-7/9	PCB-7/9	ppt-TOC	24	23	96	527	2,230,000	1,330	1,330	167,000	167,000	471,000	462,000	18,700	20,900	Ln	Ln
PCB-73	74338-23-1	ppt-TOC	25	0	0	--	--	74.5	9,580	--	--	--	--	--	--	--	--
PCB-74	32690-93-0	ppt-TOC	24	24	100	482	16,700,000	--	--	1,380,000	1,380,000	3,480,000	3,480,000	249,000	250,000	G/Ln	G/Ln
PCB-76/66	PCB-76/66	ppt-TOC	24	24	100	1,050	26,300,000	--	--	2,430,000	2,430,000	5,580,000	5,580,000	500,000	556,000	G/Ln	G/Ln
PCB-77	32598-13-3	ppt-TOC	37	37	100	332	3,410,000	--	--	232,000	232,000	576,000	576,000	61,400	83,200	NP	NP
PCB-78	70362-49-1	ppt-TOC	25	16	64	224	57,300	74.5	9,580	5,680	5,510	12,600	12,400	1,410	1,410	Ln	Ln
PCB-79	41464-48-6	ppt-TOC	25	21	84	236	180,000	665	31,100	24,800	24,500	40,500	39,800	7,990	9,520	G/Ln	Ln
PCB-80	33284-52-5	ppt-TOC	25	0	0	--	--	74.5	9,580	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt-TOC	37	32	87	143	136,000	67.4	9,400	9,340	9,280	23,900	23,600	2,270	2,350	Ln	Ln
PCB-82	52663-62-4	ppt-TOC	25	24	96	1,720	2,520,000	665	665	263,000	263,000	567,000	555,000	59,800	53,500	G/Ln	G/Ln
PCB-83	60145-20-2	ppt-TOC	24	16	67	135	35,900	113	1,110	3,210	3,200	7,910	7,750	744	545	Ln	Ln
PCB-84/92	52663-60-2/5266	ppt-TOC	24	24	100	439	6,080,000	--	--	799,000	799,000	1,460,000	1,460,000	191,000	181,000	G/Ln	G/Ln
PCB-85/116	PCB-85/116	ppt-TOC	24	24	100	256	3,110,000	--	--	345,000	345,000	722,000	722,000	79,500	79,400	G/Ln	G/Ln
PCB-86	55312-69-1	ppt-TOC	24	21	88	278	278,000	113	665	24,800	24,800	63,700	62,400	3,660	3,120	Ln	Ln
PCB-87/117/125	38380-02-8/6819	ppt-TOC	24	24	100	465	4,540,000	--	--	597,000	597,000	1,130,000	1,130,000	144,000	139,000	G/Ln	G/Ln
PCB-88/91	PCB-88/91	ppt-TOC	24	24	100	279	3,570,000	--	--	404,000	404,000	779,000	779,000	97,600	96,100	G/Ln	G/Ln
PCB-89	73575-57-2	ppt-TOC	25	24	96	280	449,000	665	665	42,800	42,800	98,000	96,000	9,260	7,050	Ln	G/Ln
PCB-90/101	PCB-90/101	ppt-TOC	24	24	100	1,450	10,700,000	--	--	1,730,000	1,730,000	2,860,000	2,860,000	462,000	452,000	G/Ln	G/Ln
PCB-93	73575-56-1	ppt-TOC	24	0	0	--	--	74.5	9,580	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt-TOC	25	24	96	204	141,000	665	665	18,900	18,900	36,900	36,100	5,430	5,230	G/Ln	G/Ln
PCB-95/98/102	38379-99-6/6023	ppt-TOC	24	24	100	939	10,300,000	--	--	1,460,000	1,460,000	2,510,000	2,510,000	372,000	368,000	G/Ln	G/Ln
PCB-96	73575-54-9	ppt-TOC	25	22	88	473	208,000	113	1,110	19,300	19,400	42,400	41,500	4,410	4,040	G/Ln	Ln
PCB-97	41464-51-1	ppt-TOC	24	24	100	356	4,780,000	--	--	585,000	585,000	1,110,000	1,110,000	145,000	144,000	G/Ln	G/Ln
PCB-99	38380-01-7	ppt-TOC	24	24	100	635	7,490,000	--	--	1,020,000	1,020,000	1,800,000	1,800,000	256,000	252,000	G/Ln	G/Ln
Total Congener PCBs (209)	No CAS	ppt-TOC	25	25	100	48,500	74,300,000	--	--	72,000,000	72,000,000	15,400,000	15,400,000	16,000,000	15,300,000	G/Ln	G/Ln
Total Congener PCBs (NOAA 1989)	No CAS	ppt-TOC	25	25	100	34,900	46,800,000	--	--	50,300,000	50,300,000	99,500,000	99,500,000	11,800,000	11,400,000	G/Ln	G/Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	15	15	100	256	28,000	--	--	4,630	4,630	7,880	7,880	1,670	1,100	Ln	Ln
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	15	15	100	17.7	304,000	--	--	30,000	30,000	80,400	80,400	831	437	Ln	Ln
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	15	9	60	25.7	5,310	2.21	861	623	604	1,400	1,350	67.2	56.3	G/Ln	Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	15	12	80	6.84	564	81.5	861	119	93.0	174	152	50.3	40.8	Ln	Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	15	15	100	4.52	68,500	--	--	6,950	6,950	18,100	18,100	230	142	Ln	Ln

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	15	13	87	11.8	2,050	82.0	861	332	311	577	561	97.4	50.7	Ln	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	15	12	80	2.46	15,800	32.8	861	1,570	1,550	4,090	3,960	125	87.2	G/Ln	G/Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	15	14	93	17.2	855	861	861	193	177	264	256	94.0	64.4	Ln	Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	15	8	53	36.5	1,630	1.08	861	233	219	427	409	41.5	53.5	G/Ln	Ln
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	15	13	87	4.57	831	51.0	861	138	116	239	225	38.7	25.5	Ln	G/Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	15	13	87	2.22	4,890	42.8	107	514	511	1,250	1,210	72.7	105	G/Ln	G/Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	15	11	73	2.56	5,440	2.08	861	636	610	1,410	1,370	79.0	93.9	G/Ln	G/Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	15	12	80	2.84	9,160	38.0	861	1,060	1,040	2,400	2,330	123	134	G/Ln	G/Ln
2,3,7,8-TCDD	1746-01-6	ppt-TOC	15	13	87	4.91	24,900	4.93	27.8	2,670	2,670	7,120	6,880	46.7	10.7	NP	NP
2,3,7,8-TCDF	51207-31-9	ppt-TOC	15	13	87	2.76	2,430	25.0	172	442	438	770	746	83.0	163	G/Ln	G/Ln
OCDD	3268-87-9	ppt-TOC	15	15	100	6,320	253,000	--	--	66,700	66,700	71,200	71,200	41,400	45,700	G/Ln	G/Ln
OCDF	39001-02-0	ppt-TOC	15	13	87	32.4	416,000	213	1,720	39,900	39,900	109,000	105,000	1,310	860	Ln	G/Ln
Total HpCDD	37871-00-4	ppt-TOC	15	15	100	779	70,700	--	--	12,500	12,500	19,600	19,600	5,030	3,750	Ln	Ln
Total HpCDF	38998-75-3	ppt-TOC	15	15	100	17.7	342,000	--	--	35,300	35,300	91,400	91,400	949	639	Ln	Ln
Total HxCDD	34465-46-8	ppt-TOC	15	15	100	359	25,600	--	--	4,210	4,210	6,820	6,820	1,920	1,380	Ln	Ln
Total HxCDF	55684-94-1	ppt-TOC	15	15	100	7.74	193,000	--	--	19,900	19,900	50,800	50,800	716	796	Ln	Ln
Total PeCDD	36088-22-9	ppt-TOC	15	15	100	71.6	12,100	--	--	1,690	1,690	3,190	3,190	617	411	Ln	Ln
Total PeCDF	30402-15-4	ppt-TOC	15	15	100	50.0	123,000	--	--	12,800	12,800	32,000	32,000	1,030	1,180	Ln	Ln
Total TCDD	41903-57-5	ppt-TOC	15	15	100	78.3	39,100	--	--	4,780	4,780	10,900	10,900	661	309	NP	NP
Total TCDF	55722-27-5	ppt-TOC	15	15	100	50.0	113,000	--	--	13,100	13,100	30,500	30,500	1,040	2,170	Ln	Ln
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	15	9	60	231	111,000	107	1,960	10,500	10,400	28,900	28,000	843	489	G/Ln	Ln
PCB-100	39485-83-1	ppt-TOC	15	6	40	83.3	34,100	100	1,960	5,330	5,200	10,500	10,200	606	448	N/G/Ln	NP
PCB-103	60145-21-3	ppt-TOC	15	5	33	352	51,200	68.5	1,960	6,700	6,750	14,600	14,100	590	352	N/G/Ln	NP
PCB-104	56558-16-8	ppt-TOC	15	0	0	--	--	68.5	9,640	--	--	--	--	--	--	--	--
PCB-105	32598-14-4	ppt-TOC	15	11	73	340	1,910,000	240	1,120	166,000	166,000	496,000	479,000	2,990	1,020	G/Ln	G/Ln
PCB-106/118	PCB-106/118	ppt-TOC	15	13	87	92.7	4,200,000	240	699	398,000	398,000	1,110,000	1,070,000	6,340	2,520	Ln	G/Ln
PCB-107/109	70424-68-9/7447	ppt-TOC	15	6	40	208	325,000	100	1,960	30,400	30,300	85,300	82,400	982	448	G/Ln	NP
PCB-108/112	70362-41-3/7447	ppt-TOC	15	6	40	178	321,000	100	1,960	28,500	28,500	83,600	80,800	898	448	G/Ln	NP
PCB-11	2050-67-1	ppt-TOC	15	10	67	313	1,030,000	481	3,930	103,000	103,000	277,000	268,000	3,140	1,120	G/Ln	G
PCB-110	38380-03-9	ppt-TOC	15	12	80	411	6,800,000	240	699	617,000	617,000	1,770,000	1,710,000	7,880	3,680	Ln	G/Ln
PCB-111/115	PCB-111/115	ppt-TOC	15	5	33	71.5	172,000	100	1,960	12,200	12,100	44,200	42,800	452	350	G/Ln	NP
PCB-113	68194-10-5	ppt-TOC	15	3	20	628	11,800	68.5	1,960	1,110	--	2,970	--	285	345	--	--
PCB-114	74472-37-0	ppt-TOC	15	4	27	2,830	130,000	68.5	1,960	11,700	--	33,900	--	585	350	--	--
PCB-119	56558-17-9	ppt-TOC	15	6	40	108	123,000	100	1,960	13,500	13,400	33,100	32,100	799	448	G/Ln	NP
PCB-12/13	PCB-12/13	ppt-TOC	15	7	47	398	165,000	201	3,930	20,100	20,000	46,500	45,000	1,600	1,120	G/Ln	Ln
PCB-120	68194-12-7	ppt-TOC	15	3	20	489	8,520	68.5	1,960	924	--	2,140	--	283	345	--	--
PCB-121	56558-18-0	ppt-TOC	15	0	0	--	--	68.5	9,640	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt-TOC	15	5	33	234	66,800	68.5	1,960	6,240	6,210	17,500	16,900	487	350	G/Ln	NP
PCB-123	65510-44-3	ppt-TOC	15	4	27	2,600	90,800	68.5	1,960	8,160	--	23,500	--	543	350	--	--
PCB-124	70424-70-3	ppt-TOC	15	5	33	110	188,000	100	1,960	17,100	17,000	49,000	47,400	730	350	G/Ln	NP

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-126	57465-28-8	ppt-TOC	15	4	27	875	22,400	68.5	1,960	2,310	--	5,790	--	402	350	--	--
PCB-127	39635-33-1	ppt-TOC	15	2	13	885	941	68.5	9,640	707	--	1,190	--	303	350	--	--
PCB-128/162	PCB-128/162	ppt-TOC	15	9	60	126	568,000	240	1,960	55,100	55,000	150,000	145,000	1,530	448	G/Ln	G
PCB-129	55215-18-4	ppt-TOC	15	5	33	153	184,000	100	1,960	17,300	17,200	48,200	46,600	762	350	G/Ln	NP
PCB-130	52663-66-8	ppt-TOC	15	6	40	183	240,000	100	1,960	23,000	22,900	62,800	60,700	912	448	G/Ln	NP
PCB-131	61798-70-7	ppt-TOC	15	0	0	--	--	68.5	9,640	--	--	--	--	--	--	--	--
PCB-132/161	38380-05-1/7447	ppt-TOC	15	10	67	194	1,170,000	240	1,960	112,000	112,000	307,000	297,000	2,580	900	G/Ln	G/Ln
PCB-133/142	PCB-133/142	ppt-TOC	15	6	40	90.8	112,000	100	1,960	11,400	11,200	29,600	28,600	705	448	G/Ln	NP
PCB-134/143	PCB-134/143	ppt-TOC	15	6	40	167	221,000	100	1,960	22,000	21,900	58,400	56,400	895	448	G/Ln	NP
PCB-135	52744-13-5	ppt-TOC	15	9	60	101	476,000	240	1,960	49,400	49,300	127,000	122,000	1,570	479	G/Ln	G
PCB-136	38411-22-2	ppt-TOC	15	10	67	107	540,000	240	1,960	57,000	56,900	144,000	139,000	1,750	560	G/Ln	G
PCB-137	35694-06-5	ppt-TOC	15	5	33	144	172,000	100	1,960	17,100	17,000	45,900	44,300	758	350	N/G/Ln	NP
PCB-138/163/164	35065-28-2/7447	ppt-TOC	15	12	80	407	4,120,000	240	699	407,000	407,000	1,080,000	1,050,000	6,740	3,430	Ln	G/Ln
PCB-139/149	PCB-139/149	ppt-TOC	15	11	73	717	3,260,000	240	1,120	346,000	346,000	869,000	840,000	6,550	3,260	Ln	G/Ln
PCB-14	34883-41-5	ppt-TOC	15	0	0	--	--	137	19,300	--	--	--	--	--	--	--	--
PCB-140	59291-64-4	ppt-TOC	15	4	27	1,140	19,700	68.5	1,960	2,230	--	5,160	--	419	350	--	--
PCB-141	52712-04-6	ppt-TOC	15	10	67	174	804,000	240	1,960	79,100	79,100	211,000	204,000	2,170	712	G/Ln	G/Ln
PCB-144	68194-14-9	ppt-TOC	15	6	40	208	218,000	100	1,960	21,100	21,000	56,900	55,000	887	448	G/Ln	NP
PCB-145	74472-40-5	ppt-TOC	15	1	7	201	201	68.5	9,640	610	--	1,200	--	245	201	--	--
PCB-146/165	51908-16-8/7447	ppt-TOC	15	10	67	121	524,000	240	1,960	56,100	56,100	140,000	136,000	1,830	560	G/Ln	G
PCB-147	68194-13-8	ppt-TOC	15	6	40	108	88,400	100	1,960	10,100	10,000	24,000	23,300	717	448	N/G/Ln	NP
PCB-148	74472-41-6	ppt-TOC	15	4	27	645	5,440	68.5	1,960	931	--	1,460	--	343	350	--	--
PCB-15	2050-68-2	ppt-TOC	15	13	87	251	1,310,000	2,240	3,930	124,000	124,000	345,000	333,000	5,090	1,970	Ln	G
PCB-150	68194-08-1	ppt-TOC	15	4	27	763	10,500	68.5	1,960	2,150	--	3,790	--	433	350	--	--
PCB-151	52663-63-5	ppt-TOC	15	10	67	204	872,000	240	1,960	92,200	92,200	232,000	224,000	2,570	908	G/Ln	G/Ln
PCB-152	68194-09-2	ppt-TOC	15	1	7	313	313	68.5	9,640	617	--	1,190	--	253	313	--	--
PCB-153	35065-27-1	ppt-TOC	15	12	80	472	3,940,000	240	699	416,000	416,000	1,050,000	1,010,000	6,970	3,330	Ln	G/Ln
PCB-154	60145-22-4	ppt-TOC	15	5	33	572	50,800	68.5	1,960	9,710	9,900	18,900	18,200	686	448	N/G/Ln	NP
PCB-155	33979-03-2	ppt-TOC	15	4	27	817	3,320	68.5	1,960	657	--	852	--	310	350	--	--
PCB-156	38380-08-4	ppt-TOC	15	6	40	115	368,000	100	1,960	27,900	27,800	94,500	91,300	713	350	G/Ln	NP
PCB-157	69782-90-7	ppt-TOC	15	4	27	2,290	76,800	68.5	1,960	7,720	--	20,300	--	564	350	--	--
PCB-158/160	74472-42-7/4141	ppt-TOC	15	9	60	102	456,000	240	1,960	44,300	44,200	120,000	116,000	1,430	448	G/Ln	G
PCB-159	39635-35-3	ppt-TOC	15	4	27	5,210	38,000	68.5	1,960	5,010	--	10,500	--	570	350	--	--
PCB-16/32	PCB-16/32	ppt-TOC	15	10	67	344	3,210,000	240	1,960	282,000	282,000	838,000	809,000	3,770	980	G/Ln	G/Ln
PCB-166	41411-63-6	ppt-TOC	15	4	27	592	16,500	68.5	1,960	1,810	--	4,300	--	373	350	--	--
PCB-167	52663-72-6	ppt-TOC	15	6	40	127	144,000	100	1,960	14,500	14,400	38,100	36,900	761	448	G/Ln	NP
PCB-168	59291-65-5	ppt-TOC	15	3	20	736	8,320	68.5	1,960	929	--	2,090	--	291	345	--	--
PCB-169	32774-16-6	ppt-TOC	15	0	0	--	--	68.5	9,640	--	--	--	--	--	--	--	--
PCB-17	37680-66-3	ppt-TOC	15	10	67	163	1,960,000	240	1,960	184,000	184,000	520,000	503,000	2,830	875	G/Ln	G/Ln
PCB-170	35065-30-6	ppt-TOC	15	10	67	258	1,030,000	240	1,960	102,000	102,000	270,000	261,000	2,660	980	G/Ln	G/Ln
PCB-171	52663-71-5	ppt-TOC	15	7	47	117	290,000	100	1,960	28,900	28,800	76,000	73,500	1,080	448	G/Ln	Ln

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-172	52663-74-8	ppt-TOC	15	5	33	200	175,000	100	1,960	17,800	17,700	46,000	44,500	837	350	N/G/Ln	NP
PCB-173	68194-16-1	ppt-TOC	15	4	27	2,560	25,400	68.5	1,960	2,730	--	6,530	--	454	350	--	--
PCB-174	38411-25-5	ppt-TOC	15	10	67	286	1,120,000	240	1,960	114,000	114,000	295,000	285,000	3,000	980	G/Ln	G/Ln
PCB-175	40186-70-7	ppt-TOC	15	4	27	3,110	50,000	68.5	1,960	5,510	--	13,300	--	550	350	--	--
PCB-176	52663-65-7	ppt-TOC	15	6	40	173	131,000	100	1,960	14,500	14,400	35,100	33,900	823	448	G/Ln	NP
PCB-177	52663-70-4	ppt-TOC	15	10	67	172	668,000	240	1,960	68,000	68,000	176,000	170,000	2,120	709	G/Ln	G/Ln
PCB-178	52663-67-9	ppt-TOC	15	7	47	127	189,000	100	1,960	22,200	22,100	51,600	49,900	1,070	448	G/Ln	N/Ln
PCB-179	52663-64-6	ppt-TOC	15	10	67	167	472,000	240	1,960	53,400	53,400	128,000	124,000	1,930	595	G/Ln	G
PCB-18	37680-65-2	ppt-TOC	15	11	73	510	2,750,000	240	1,120	292,000	292,000	768,000	741,000	4,800	1,910	Ln	G/Ln
PCB-180	35065-29-3	ppt-TOC	15	11	73	740	2,700,000	240	1,120	275,000	275,000	711,000	687,000	5,440	2,700	Ln	G/Ln
PCB-181	74472-47-2	ppt-TOC	15	3	20	383	9,800	68.5	1,960	952	--	2,460	--	268	345	--	--
PCB-182/187	PCB-182/187	ppt-TOC	15	11	73	499	1,260,000	240	1,120	149,000	149,000	345,000	333,000	4,180	1,680	Ln	G/Ln
PCB-183	52663-69-1	ppt-TOC	15	10	67	212	572,000	240	1,960	64,100	64,000	154,000	149,000	2,200	768	G/Ln	G
PCB-184	74472-48-3	ppt-TOC	15	2	13	613	1,420	68.5	9,640	721	--	1,200	--	304	350	--	--
PCB-185	52712-05-7	ppt-TOC	15	5	33	159	124,000	100	1,960	13,200	13,100	32,700	31,600	779	350	N/G/Ln	NP
PCB-186	74472-49-4	ppt-TOC	15	0	0	--	--	68.5	9,640	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt-TOC	15	3	20	1,680	2,280	68.5	1,960	679	--	783	--	319	350	--	--
PCB-189	39635-31-9	ppt-TOC	15	4	27	1,480	38,600	68.5	1,960	4,050	--	10,100	--	485	350	--	--
PCB-19	38444-73-4	ppt-TOC	15	7	47	278	416,000	100	1,960	36,600	36,600	108,000	104,000	1,040	560	G/Ln	NP
PCB-190	41411-64-7	ppt-TOC	15	6	40	221	208,000	100	1,960	21,200	21,200	54,700	52,800	926	448	G/Ln	NP
PCB-191	74472-50-7	ppt-TOC	15	5	33	167	44,000	68.5	1,960	4,490	4,410	11,400	11,100	484	350	N/G/Ln	NP
PCB-192	74472-51-8	ppt-TOC	15	0	0	--	--	68.5	9,640	--	--	--	--	--	--	--	--
PCB-193	69782-91-8	ppt-TOC	15	5	33	137	116,000	100	1,960	12,100	12,000	30,500	29,500	746	350	N/G/Ln	NP
PCB-194	35694-08-7	ppt-TOC	15	10	67	253	524,000	240	1,960	60,900	60,900	144,000	139,000	2,080	699	Ln	G/Ln
PCB-195	52663-78-2	ppt-TOC	15	6	40	281	208,000	100	1,960	24,100	24,100	56,800	54,800	992	448	N/G/Ln	NP
PCB-196/203	PCB-196/203	ppt-TOC	15	10	67	311	660,000	240	1,960	80,200	80,200	182,000	176,000	2,660	875	Ln	G/Ln
PCB-197	33091-17-7	ppt-TOC	15	4	27	1,420	21,700	68.5	1,960	2,840	--	5,930	--	467	350	--	--
PCB-198	68194-17-2	ppt-TOC	15	3	20	1,610	27,500	68.5	1,960	2,830	--	7,270	--	376	345	--	--
PCB-199	52663-75-9	ppt-TOC	15	10	67	230	588,000	240	1,960	74,800	74,800	165,000	160,000	2,580	815	Ln	G
PCB-2	2051-61-8	ppt-TOC	15	13	87	361	28,300	896	1,960	3,720	3,730	7,270	7,030	1,450	1,090	Ln	NP
PCB-20/21/33	38444-84-7/5570	ppt-TOC	15	11	73	207	3,720,000	240	1,120	307,000	307,000	963,000	930,000	3,450	1,380	Ln	G/Ln
PCB-200	52663-73-7	ppt-TOC	15	5	33	95.0	68,000	100	1,960	8,010	7,860	18,600	18,000	634	350	N/G/Ln	NP
PCB-201	40186-71-8	ppt-TOC	15	6	40	107	73,200	100	1,960	9,790	9,680	20,900	20,300	715	350	N/G/Ln	NP
PCB-202	2136-99-4	ppt-TOC	15	8	53	148	138,000	225	1,960	20,500	20,400	42,300	40,900	1,110	448	G/Ln	NP
PCB-204	74472-52-9	ppt-TOC	15	1	7	497	497	68.5	9,640	630	--	1,190	--	261	345	--	--
PCB-205	74472-53-0	ppt-TOC	15	4	27	1,760	26,800	68.5	1,960	3,330	--	7,260	--	486	350	--	--
PCB-206	40186-72-9	ppt-TOC	15	10	67	268	313,000	240	1,960	55,400	55,400	113,000	109,000	2,090	560	NP	G/Ln
PCB-207	52663-79-3	ppt-TOC	15	4	27	1,990	30,200	68.5	1,960	5,410	--	10,600	--	560	350	--	--
PCB-208	52663-77-1	ppt-TOC	15	7	47	142	122,000	107	1,960	18,100	18,000	38,000	36,700	974	448	N/G/Ln	NP
PCB-209	2051-24-3	ppt-TOC	15	13	87	139	462,000	225	1,960	62,400	62,400	135,000	130,000	2,570	1,090	NP	G
PCB-22	38444-85-8	ppt-TOC	15	10	67	164	2,440,000	240	1,960	205,000	205,000	633,000	611,000	2,750	980	G/Ln	G/Ln

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-23	55720-44-0	ppt-TOC	15	3	20	267	7,040	68.5	1,960	743	--	1,760	--	248	267	--	--
PCB-24/27	PCB-24/27	ppt-TOC	15	8	53	142	354,000	100	1,960	32,400	32,300	92,500	89,400	1,110	560	G/Ln	Ln
PCB-25	55712-37-3	ppt-TOC	15	8	53	308	520,000	100	1,960	49,200	49,100	136,000	131,000	1,540	563	G/Ln	Ln
PCB-26	38444-81-4	ppt-TOC	15	9	60	249	1,070,000	100	1,960	95,900	95,800	278,000	269,000	2,110	698	G/Ln	G/Ln
PCB-28	7012-37-5	ppt-TOC	15	11	73	489	6,680,000	240	1,120	600,000	600,000	1,750,000	1,690,000	6,700	3,580	Ln	G/Ln
PCB-29	15862-07-4	ppt-TOC	15	5	33	205	32,500	68.5	1,960	2,840	2,800	8,310	8,040	365	350	G/Ln	NP
PCB-3	2051-62-9	ppt-TOC	15	13	87	155	94,400	896	1,960	9,820	9,800	24,600	23,700	1,600	980	G/Ln	Ln
PCB-30	35693-92-6	ppt-TOC	15	0	0	--	--	68.5	9,640	--	--	--	--	--	--	--	--
PCB-31	16606-02-3	ppt-TOC	15	11	73	436	7,160,000	240	1,120	596,000	596,000	1,850,000	1,790,000	5,990	2,430	Ln	G/Ln
PCB-34	37680-68-5	ppt-TOC	15	5	33	284	36,400	68.5	1,960	3,970	3,980	9,900	9,560	446	350	N/G/Ln	NP
PCB-35	37680-69-6	ppt-TOC	15	5	33	722	114,000	68.5	1,960	12,200	12,500	30,500	29,400	704	448	N/G/Ln	NP
PCB-36	38444-87-0	ppt-TOC	15	2	13	436	449	68.5	9,640	606	--	1,190	--	250	345	--	--
PCB-37	38444-90-5	ppt-TOC	15	11	73	133	1,530,000	240	1,120	134,000	134,000	398,000	384,000	2,570	774	Ln	G/Ln
PCB-38	53555-66-1	ppt-TOC	15	4	27	892	37,200	68.5	1,960	3,630	--	9,720	--	433	350	--	--
PCB-39	38444-88-1	ppt-TOC	15	3	20	840	7,960	68.5	1,960	887	--	1,990	--	287	345	--	--
PCB-4/10	PCB-4/10	ppt-TOC	15	6	40	808	688,000	213	3,930	60,300	60,400	178,000	172,000	1,960	895	G/Ln	NP
PCB-40	38444-93-8	ppt-TOC	15	8	53	278	776,000	100	1,960	67,100	67,000	202,000	195,000	1,520	560	G/Ln	Ln
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	15	11	73	428	5,040,000	240	1,120	430,000	430,000	1,310,000	1,260,000	5,650	1,980	G/Ln	G/Ln
PCB-42/59	36559-22-5/7447	ppt-TOC	15	11	73	191	2,320,000	240	1,120	206,000	206,000	606,000	585,000	3,470	983	G/Ln	G/Ln
PCB-43/49	PCB-43/49	ppt-TOC	15	11	73	494	5,640,000	240	1,120	519,000	519,000	1,480,000	1,430,000	7,090	2,680	G/Ln	G/Ln
PCB-44	41464-39-5	ppt-TOC	15	11	73	642	7,440,000	240	1,120	644,000	645,000	1,940,000	1,870,000	7,310	2,640	G/Ln	G/Ln
PCB-45	70362-45-7	ppt-TOC	15	8	53	197	1,140,000	100	1,960	99,200	99,200	297,000	287,000	1,660	560	G/Ln	Ln
PCB-46	41464-47-5	ppt-TOC	15	8	53	172	484,000	100	1,960	41,900	41,800	126,000	122,000	1,130	560	G/Ln	Ln
PCB-47	2437-79-8	ppt-TOC	15	10	67	235	1,920,000	240	4,180	185,000	185,000	510,000	493,000	3,700	1,300	G/Ln	G/Ln
PCB-48/75	70362-47-9/3259	ppt-TOC	15	9	60	110	1,630,000	225	1,960	138,000	138,000	422,000	408,000	2,140	560	G/Ln	G/Ln
PCB-5/8	PCB-5/8	ppt-TOC	15	10	67	351	2,000,000	481	3,930	166,000	166,000	516,000	499,000	3,950	1,970	Ln	G/Ln
PCB-50	62796-65-0	ppt-TOC	15	3	20	1,220	18,300	68.5	1,960	1,760	--	4,650	--	347	345	--	--
PCB-51	68194-04-7	ppt-TOC	15	8	53	270	361,000	100	1,960	32,600	32,600	94,300	91,100	1,150	560	G/Ln	Ln
PCB-52/69	35693-99-3/6023	ppt-TOC	15	14	93	157	8,240,000	1,120	1,120	745,000	745,000	2,150,000	2,080,000	9,220	3,310	G/Ln	G/Ln
PCB-53	41464-41-9	ppt-TOC	15	10	67	108	1,100,000	240	1,960	96,800	96,700	287,000	277,000	2,070	570	G/Ln	G
PCB-54	15968-05-5	ppt-TOC	15	2	13	1,060	15,800	68.5	1,960	1,370	--	4,000	--	279	299	--	--
PCB-55	74338-24-2	ppt-TOC	15	5	33	457	88,400	68.5	1,960	7,640	7,760	22,700	21,900	543	448	G/Ln	NP
PCB-56/60	PCB-56/60	ppt-TOC	15	11	73	306	4,320,000	240	1,120	366,000	366,000	1,120,000	1,080,000	4,280	1,230	G/Ln	G/Ln
PCB-57	70424-67-8	ppt-TOC	15	5	33	210	28,400	68.5	1,960	2,800	2,760	7,380	7,140	394	350	G/Ln	NP
PCB-58	41464-49-7	ppt-TOC	15	4	27	649	11,400	68.5	1,960	1,450	--	3,080	--	359	350	--	--
PCB-6	25569-80-6	ppt-TOC	15	7	47	875	359,000	201	3,930	33,100	33,300	93,000	89,800	1,740	1,120	G/Ln	NP
PCB-61/70	PCB-61/70	ppt-TOC	15	12	80	91.7	7,360,000	240	1,120	660,000	660,000	1,930,000	1,860,000	6,800	2,150	G/Ln	G/Ln
PCB-62	54230-22-7	ppt-TOC	15	0	0	--	--	68.5	9,640	--	--	--	--	--	--	--	--
PCB-63	74472-34-7	ppt-TOC	15	6	40	90.8	221,000	100	1,960	19,900	19,800	58,000	56,000	747	448	G/Ln	NP
PCB-65	33284-54-7	ppt-TOC	15	0	0	--	--	68.5	9,640	--	--	--	--	--	--	--	--
PCB-67	73575-53-8	ppt-TOC	15	6	40	73.9	186,000	100	1,960	17,200	17,000	48,800	47,200	747	448	G/Ln	NP

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-68	73575-52-7	ppt-TOC	15	5	33	218	18,200	68.5	1,960	2,090	2,060	4,870	4,710	384	350	N/G/Ln	NP
PCB-7/9	PCB-7/9	ppt-TOC	15	5	33	288	146,000	201	3,930	13,500	13,300	37,900	36,600	1,170	700	G/Ln	NP
PCB-73	74338-23-1	ppt-TOC	15	0	0	--	--	68.5	9,640	--	--	--	--	--	--	--	--
PCB-74	32690-93-0	ppt-TOC	15	11	73	219	3,210,000	240	1,120	283,000	283,000	839,000	811,000	3,740	908	G/Ln	G/Ln
PCB-76/66	PCB-76/66	ppt-TOC	15	12	80	93.2	5,560,000	240	1,120	514,000	514,000	1,470,000	1,420,000	6,010	1,950	G/Ln	G/Ln
PCB-77	32598-13-3	ppt-TOC	15	9	60	120	540,000	100	1,960	55,000	54,900	146,000	141,000	1,440	560	G/Ln	G/Ln
PCB-78	70362-49-1	ppt-TOC	15	4	27	686	14,600	68.5	1,960	1,690	--	3,780	--	382	350	--	--
PCB-79	41464-48-6	ppt-TOC	15	5	33	467	50,400	68.5	1,960	7,020	7,150	14,800	14,300	607	448	N/G/Ln	NP
PCB-80	33284-52-5	ppt-TOC	15	0	0	--	--	68.5	9,640	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt-TOC	15	4	27	751	24,200	68.5	1,960	2,030	--	6,150	--	347	350	--	--
PCB-82	52663-62-4	ppt-TOC	15	9	60	113	868,000	225	1,960	71,800	71,700	224,000	217,000	1,460	560	G/Ln	G
PCB-83	60145-20-2	ppt-TOC	15	2	13	607	6,320	68.5	1,960	745	--	1,570	--	279	345	--	--
PCB-84/92	52663-60-2/5266	ppt-TOC	15	11	73	349	2,550,000	240	1,120	234,000	234,000	668,000	645,000	3,930	1,400	G/Ln	G/Ln
PCB-85/116	PCB-85/116	ppt-TOC	15	10	67	164	1,060,000	240	1,960	93,600	93,500	276,000	267,000	1,970	560	G/Ln	G
PCB-86	55312-69-1	ppt-TOC	15	3	20	731	78,000	68.5	1,960	5,560	--	20,000	--	335	345	--	--
PCB-87/117/125	38380-02-8/6819	ppt-TOC	15	11	73	347	2,490,000	240	1,120	209,000	209,000	644,000	622,000	3,220	1,200	Ln	G/Ln
PCB-88/91	PCB-88/91	ppt-TOC	15	9	60	140	944,000	225	1,960	94,100	94,000	250,000	242,000	2,180	581	G/Ln	G
PCB-89	73575-57-2	ppt-TOC	15	5	33	409	124,000	68.5	1,960	10,100	10,200	31,900	30,800	527	409	G/Ln	NP
PCB-90/101	PCB-90/101	ppt-TOC	15	13	87	110	5,640,000	240	699	537,000	537,000	1,480,000	1,430,000	7,630	3,650	Ln	G/Ln
PCB-93	73575-56-1	ppt-TOC	15	0	0	--	--	68.5	9,640	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt-TOC	15	5	33	196	43,600	68.5	1,960	3,900	3,860	11,200	10,900	414	350	G/Ln	NP
PCB-95/98/102	38379-99-6/6023	ppt-TOC	15	11	73	668	4,640,000	240	1,120	434,000	434,000	1,220,000	1,180,000	6,450	2,750	G/Ln	G/Ln
PCB-96	73575-54-9	ppt-TOC	15	5	33	226	47,600	68.5	1,960	4,440	4,410	12,400	12,000	444	350	G/Ln	NP
PCB-97	41464-51-1	ppt-TOC	15	10	67	259	2,080,000	240	1,960	186,000	186,000	543,000	525,000	3,120	980	G/Ln	G/Ln
PCB-99	38380-01-7	ppt-TOC	15	11	73	364	2,780,000	240	1,120	271,000	271,000	733,000	709,000	4,710	1,570	G/Ln	G/Ln
Total Congener PCBs (209)	No CAS	ppt-TOC	15	15	100	4,490	16,400,000	--	--	15,300,000	15,300,000	42,900,000	42,900,000	207,000	96,700	Ln	Ln
Total Congener PCBs (NOAA 1989)	No CAS	ppt-TOC	15	15	100	1,870	11,900,000	--	--	11,400,000	11,400,000	31,300,000	31,300,000	148,000	74,100	Ln	Ln
Subsurface (>3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	6	6	100	726	2,100	--	--	1,060	1,060	521	521	985	891	--	--
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	6	5	83	8.73	5,630	5.46	5.46	1,530	--	2,210	--	208	522	--	--
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	6	4	67	43.4	441	1.51	1.97	123	--	170	--	23.6	53.6	--	--
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	6	6	100	16.2	47.8	--	--	28.7	28.7	11.0	11.0	27.1	28.0	--	--
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	6	4	67	121	1,090	2.22	3.58	318	--	419	--	54.6	163	--	--
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	6	6	100	25.6	139	--	--	64.2	64.2	41.5	41.5	54.3	59.5	--	--
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	6	4	67	80.0	952	2.10	2.18	276	--	379	--	41.9	102	--	--
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	6	6	100	40.8	103	--	--	60.2	60.2	22.1	22.1	57.5	54.9	--	--
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	6	4	67	31.8	167	1.11	1.94	54.2	--	62.8	--	14.7	38.1	--	--
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	6	6	100	8.28	61.5	--	--	28.7	28.7	19.0	19.0	23.4	29.5	--	--
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	6	4	67	94.7	381	3.49	5.73	140	--	144	--	42.1	120	--	--
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	6	4	67	65.9	489	1.51	2.26	143	--	185	--	28.7	83.4	--	--

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	6	4	67	128	522	3.28	5.12	177	--	193	--	47.4	152	--	--
2,3,7,8-TCDD	1746-01-6	ppt-TOC	6	4	67	15.9	118	4.91	4.92	33.9	--	44.1	--	14.6	17.5	--	--
2,3,7,8-TCDF	51207-31-9	ppt-TOC	6	4	67	211	337	1.44	2.35	184	--	149	--	40.8	229	--	--
OCDD	3268-87-9	ppt-TOC	6	6	100	18,500	61,900	--	--	35,600	35,600	16,300	16,300	32,500	35,600	--	--
OCDF	39001-02-0	ppt-TOC	6	5	83	14.0	4,930	9.64	9.64	1,420	--	1,860	--	274	819	--	--
Total HpCDD	37871-00-4	ppt-TOC	6	6	100	2,120	5,190	--	--	3,100	3,100	1,110	1,110	2,960	2,650	--	--
Total HpCDF	38998-75-3	ppt-TOC	6	5	83	8.73	8,560	5.46	5.46	2,260	--	3,340	--	270	780	--	--
Total HxCDD	34465-46-8	ppt-TOC	6	6	100	1,140	2,060	--	--	1,400	1,400	357	357	1,360	1,230	--	--
Total HxCDF	55684-94-1	ppt-TOC	6	6	100	6.62	8,190	--	--	2,240	2,240	3,160	3,160	341	952	--	--
Total PeCDD	36088-22-9	ppt-TOC	6	6	100	240	993	--	--	555	555	269	269	499	596	--	--
Total PeCDF	30402-15-4	ppt-TOC	6	6	100	47.2	5,960	--	--	1,920	1,920	2,210	2,210	682	1,420	--	--
Total TCDD	41903-57-5	ppt-TOC	6	6	100	160	981	--	--	497	497	305	305	410	529	--	--
Total TCDF	55722-27-5	ppt-TOC	6	6	100	45.9	5,740	--	--	2,350	2,350	2,130	2,130	832	2,650	--	--
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	6	3	50	944	2,220	211	1,520	911	--	795	--	552	852	--	--
PCB-100	39485-83-1	ppt-TOC	6	2	33	213	807	211	1,520	387	--	316	--	286	262	--	--
PCB-103	60145-21-3	ppt-TOC	6	2	33	547	2,240	211	1,520	682	--	804	--	397	429	--	--
PCB-104	56558-16-8	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-105	32598-14-4	ppt-TOC	6	5	83	372	29,500	1,520	1,520	7,180	--	11,500	--	2,170	1,500	--	--
PCB-106/118	PCB-106/118	ppt-TOC	6	6	100	976	87,800	--	--	20,800	20,800	34,400	34,400	5,290	3,790	--	--
PCB-107/109	70424-68-9/7447	ppt-TOC	6	2	33	1,860	6,150	211	1,520	1,550	--	2,350	--	576	535	--	--
PCB-108/112	70362-41-3/7447	ppt-TOC	6	3	50	338	3,670	211	1,520	1,070	--	1,370	--	512	549	--	--
PCB-11	2050-67-1	ppt-TOC	6	3	50	533	9,560	421	3,030	2,290	--	3,600	--	1,040	950	--	--
PCB-110	38380-03-9	ppt-TOC	6	6	100	1,210	107,000	--	--	25,300	25,300	41,900	41,900	6,650	4,450	--	--
PCB-111/115	PCB-111/115	ppt-TOC	6	2	33	621	1,970	211	1,520	649	--	698	--	397	466	--	--
PCB-113	68194-10-5	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-114	74472-37-0	ppt-TOC	6	2	33	588	1,700	211	1,520	599	--	598	--	384	449	--	--
PCB-119	56558-17-9	ppt-TOC	6	3	50	415	2,860	211	1,520	860	--	1,030	--	471	588	--	--
PCB-12/13	PCB-12/13	ppt-TOC	6	3	50	1,070	2,870	421	3,030	1,350	--	1,060	--	904	1,290	--	--
PCB-120	68194-12-7	ppt-TOC	6	1	17	474	474	211	1,520	353	--	242	--	283	324	--	--
PCB-121	56558-18-0	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt-TOC	6	1	17	856	856	211	1,520	416	--	319	--	312	324	--	--
PCB-123	65510-44-3	ppt-TOC	6	2	33	385	1,500	211	1,520	532	--	530	--	350	348	--	--
PCB-124	70424-70-3	ppt-TOC	6	2	33	1,430	3,630	211	1,520	1,060	--	1,350	--	505	535	--	--
PCB-126	57465-28-8	ppt-TOC	6	1	17	456	456	211	1,520	350	--	241	--	281	324	--	--
PCB-127	39635-33-1	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-128/162	PCB-128/162	ppt-TOC	6	4	67	289	14,200	211	1,520	3,490	--	5,500	--	1,070	885	--	--
PCB-129	55215-18-4	ppt-TOC	6	3	50	362	3,810	211	1,520	1,090	--	1,420	--	521	561	--	--
PCB-130	52663-66-8	ppt-TOC	6	2	33	2,220	6,700	211	1,520	1,700	--	2,570	--	602	535	--	--
PCB-131	61798-70-7	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-132/161	38380-05-1/7447	ppt-TOC	6	5	83	262	30,800	1,520	1,520	6,940	--	12,000	--	1,890	1,170	--	--

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-133/142	PCB-133/142	ppt-TOC	6	3	50	377	4,190	211	1,520	1,240	--	1,590	--	559	569	--	--
PCB-134/143	PCB-134/143	ppt-TOC	6	3	50	315	5,630	211	1,520	1,410	--	2,130	--	550	538	--	--
PCB-135	52744-13-5	ppt-TOC	6	4	67	318	20,200	211	1,520	4,620	--	7,840	--	1,230	1,050	--	--
PCB-136	38411-22-2	ppt-TOC	6	4	67	324	23,800	211	1,520	5,200	--	9,280	--	1,260	1,030	--	--
PCB-137	35694-06-5	ppt-TOC	6	2	33	1,430	4,780	211	1,520	1,250	--	1,800	--	529	535	--	--
PCB-138/163/164	35065-28-2/7447	ppt-TOC	6	6	100	762	141,000	--	--	30,800	30,800	55,300	55,300	6,190	4,850	--	--
PCB-139/149	PCB-139/149	ppt-TOC	6	6	100	879	147,000	--	--	34,000	34,000	57,300	57,300	7,190	7,840	--	--
PCB-14	34883-41-5	ppt-TOC	6	0	0	--	--	421	3,030	--	--	--	--	--	--	--	--
PCB-140	59291-64-4	ppt-TOC	6	2	33	368	944	211	1,520	436	--	343	--	322	339	--	--
PCB-141	52712-04-6	ppt-TOC	6	3	50	385	29,600	211	1,520	6,450	--	11,700	--	1,130	573	--	--
PCB-144	68194-14-9	ppt-TOC	6	3	50	687	8,000	211	1,520	2,000	--	3,050	--	713	724	--	--
PCB-145	74472-40-5	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-146/165	51908-16-8/7447	ppt-TOC	6	4	67	309	24,000	211	1,520	6,040	--	9,380	--	1,520	1,550	--	--
PCB-147	68194-13-8	ppt-TOC	6	2	33	932	3,440	211	1,520	946	--	1,270	--	466	535	--	--
PCB-148	74472-41-6	ppt-TOC	6	2	33	893	900	211	1,520	516	--	377	--	370	535	--	--
PCB-15	2050-68-2	ppt-TOC	6	5	83	730	11,600	421	421	4,640	--	4,190	--	2,450	4,290	--	--
PCB-150	68194-08-1	ppt-TOC	6	2	33	315	981	211	1,520	433	--	357	--	316	313	--	--
PCB-151	52663-63-5	ppt-TOC	6	5	83	464	49,300	211	211	13,000	--	19,100	--	2,460	5,190	--	--
PCB-152	68194-09-2	ppt-TOC	6	1	17	288	288	211	1,520	322	--	236	--	260	299	--	--
PCB-153	35065-27-1	ppt-TOC	6	6	100	813	196,000	--	--	50,400	50,400	76,100	76,100	9,880	18,400	--	--
PCB-154	60145-22-4	ppt-TOC	6	3	50	331	6,520	211	1,520	1,850	--	2,580	--	646	546	--	--
PCB-155	33979-03-2	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-156	38380-08-4	ppt-TOC	6	3	50	838	10,800	211	1,520	2,630	--	4,160	--	815	799	--	--
PCB-157	69782-90-7	ppt-TOC	6	1	17	7,370	7,370	211	1,520	1,500	--	2,880	--	447	324	--	--
PCB-158/160	74472-42-7/4141	ppt-TOC	6	3	50	803	13,500	211	1,520	3,110	--	5,230	--	849	782	--	--
PCB-159	39635-35-3	ppt-TOC	6	3	50	5,180	6,960	211	1,520	3,150	--	3,150	--	1,140	2,970	--	--
PCB-16/32	PCB-16/32	ppt-TOC	6	4	67	879	11,800	211	1,520	2,940	--	4,420	--	1,220	1,160	--	--
PCB-166	41411-63-6	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-167	52663-72-6	ppt-TOC	6	3	50	408	4,370	211	1,520	1,220	--	1,630	--	552	584	--	--
PCB-168	59291-65-5	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-169	32774-16-6	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-17	37680-66-3	ppt-TOC	6	4	67	524	8,780	211	1,520	2,170	--	3,290	--	933	857	--	--
PCB-170	35065-30-6	ppt-TOC	6	4	67	545	59,600	211	1,520	13,700	--	23,200	--	2,510	3,700	--	--
PCB-171	52663-71-5	ppt-TOC	6	3	50	1,780	17,200	211	1,520	4,060	--	6,630	--	1,060	1,270	--	--
PCB-172	52663-74-8	ppt-TOC	6	3	50	3,540	20,700	211	1,520	5,960	--	8,230	--	1,410	2,150	--	--
PCB-173	68194-16-1	ppt-TOC	6	1	17	1,460	1,460	211	1,520	517	--	518	--	341	324	--	--
PCB-174	38411-25-5	ppt-TOC	6	5	83	694	90,400	211	211	31,700	--	37,400	--	4,930	22,700	--	--
PCB-175	40186-70-7	ppt-TOC	6	3	50	1,450	7,480	211	1,520	2,310	--	2,900	--	871	1,110	--	--
PCB-176	52663-65-7	ppt-TOC	6	3	50	3,440	13,100	211	1,520	3,850	--	5,020	--	1,170	2,100	--	--
PCB-177	52663-70-4	ppt-TOC	6	5	83	336	48,500	211	211	14,000	--	19,000	--	2,520	7,010	--	--
PCB-178	52663-67-9	ppt-TOC	6	3	50	14,200	40,000	211	1,520	13,200	--	16,400	--	2,280	7,480	--	--

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-179	52663-64-6	ppt-TOC	6	5	83	259	60,700	211	211	21,700	--	25,300	--	3,300	16,200	--	--
PCB-18	37680-65-2	ppt-TOC	6	6	100	267	12,300	--	--	3,540	3,540	4,410	4,410	1,960	2,030	--	--
PCB-180	35065-29-3	ppt-TOC	6	6	100	262	246,000	--	--	104,000	104,000	115,000	115,000	13,800	91,200	--	--
PCB-181	74472-47-2	ppt-TOC	6	2	33	482	604	211	1,520	398	--	263	--	313	396	--	--
PCB-182/187	PCB-182/187	ppt-TOC	6	6	100	239	262,000	--	--	106,000	106,000	118,000	118,000	12,400	88,300	--	--
PCB-183	52663-69-1	ppt-TOC	6	5	83	321	78,500	211	211	26,200	--	32,000	--	3,700	16,700	--	--
PCB-184	74472-48-3	ppt-TOC	6	1	17	409	409	211	1,520	360	--	241	--	289	360	--	--
PCB-185	52712-05-7	ppt-TOC	6	3	50	10,500	13,000	211	1,520	5,920	--	6,180	--	1,580	5,630	--	--
PCB-186	74472-49-4	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt-TOC	6	2	33	1,120	2,060	211	1,520	747	--	755	--	441	535	--	--
PCB-189	39635-31-9	ppt-TOC	6	2	33	1,230	2,720	211	1,520	876	--	1,000	--	469	535	--	--
PCB-19	38444-73-4	ppt-TOC	6	1	17	1,820	1,820	211	1,520	577	--	653	--	354	324	--	--
PCB-190	41411-64-7	ppt-TOC	6	3	50	3,510	13,900	211	1,520	4,010	--	5,320	--	1,190	2,140	--	--
PCB-191	74472-50-7	ppt-TOC	6	2	33	1,120	3,200	211	1,520	937	--	1,180	--	475	535	--	--
PCB-192	74472-51-8	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-193	69782-91-8	ppt-TOC	6	3	50	3,590	11,100	211	1,520	3,640	--	4,360	--	1,170	2,180	--	--
PCB-194	35694-08-7	ppt-TOC	6	5	83	315	170,000	211	211	82,100	--	89,100	--	8,260	80,100	--	--
PCB-195	52663-78-2	ppt-TOC	6	3	50	25,000	34,300	211	1,520	14,700	--	16,100	--	2,510	12,900	--	--
PCB-196/203	PCB-196/203	ppt-TOC	6	5	83	418	574,000	211	211	202,000	--	246,000	--	14,700	113,000	--	--
PCB-197	33091-17-7	ppt-TOC	6	3	50	3,330	7,890	211	1,520	3,050	--	3,320	--	1,090	2,050	--	--
PCB-198	68194-17-2	ppt-TOC	6	3	50	10,500	44,800	211	1,520	14,700	--	19,200	--	2,320	5,630	--	--
PCB-199	52663-75-9	ppt-TOC	6	5	83	455	811,000	211	211	271,000	--	345,000	--	16,900	126,000	--	--
PCB-2	2051-61-8	ppt-TOC	6	6	100	346	4,110	--	--	2,030	2,030	1,390	1,390	1,490	2,320	--	--
PCB-20/21/33	38444-84-7/5570	ppt-TOC	6	5	83	216	9,630	1,520	1,520	2,510	--	3,560	--	1,240	1,150	--	--
PCB-200	52663-73-7	ppt-TOC	6	3	50	18,900	20,500	211	1,520	10,000	--	10,600	--	2,070	9,830	--	--
PCB-201	40186-71-8	ppt-TOC	6	4	67	641	65,600	211	257	23,700	--	28,600	--	3,010	13,400	--	--
PCB-202	2136-99-4	ppt-TOC	6	4	67	1,460	485,000	211	257	139,000	--	202,000	--	7,480	32,800	--	--
PCB-204	74472-52-9	ppt-TOC	6	2	33	1,180	1,530	211	1,520	669	--	591	--	424	535	--	--
PCB-205	74472-53-0	ppt-TOC	6	3	50	3,640	11,600	211	1,520	4,040	--	4,790	--	1,230	2,200	--	--
PCB-206	40186-72-9	ppt-TOC	6	4	67	4,690	1,930,000	211	257	520,000	--	786,000	--	17,200	109,000	--	--
PCB-207	52663-79-3	ppt-TOC	6	3	50	19,500	94,100	211	1,520	28,200	--	38,600	--	3,180	10,100	--	--
PCB-208	52663-77-1	ppt-TOC	6	4	67	1,160	822,000	211	257	216,000	--	339,000	--	8,140	27,500	--	--
PCB-209	2051-24-3	ppt-TOC	6	4	67	2,460	1,560,000	211	257	355,000	--	626,000	--	10,100	20,600	--	--
PCB-22	38444-85-8	ppt-TOC	6	4	67	512	6,260	211	1,520	1,720	--	2,280	--	876	920	--	--
PCB-23	55720-44-0	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-24/27	PCB-24/27	ppt-TOC	6	2	33	318	1,870	211	1,520	582	--	673	--	352	314	--	--
PCB-25	55712-37-3	ppt-TOC	6	3	50	309	3,130	211	1,520	864	--	1,130	--	489	439	--	--
PCB-26	38444-81-4	ppt-TOC	6	4	67	412	4,150	211	1,520	1,190	--	1,480	--	680	742	--	--
PCB-28	7012-37-5	ppt-TOC	6	6	100	377	30,000	--	--	7,100	7,100	11,400	11,400	2,930	2,420	--	--
PCB-29	15862-07-4	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-3	2051-62-9	ppt-TOC	6	4	67	2,180	5,040	211	257	2,270	--	1,930	--	1,060	2,430	--	--

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-30	35693-92-6	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-31	16606-02-3	ppt-TOC	6	6	100	341	20,500	--	--	5,630	5,630	7,510	7,510	2,760	3,170	--	--
PCB-34	37680-68-5	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-35	37680-69-6	ppt-TOC	6	1	17	967	967	211	1,520	435	--	351	--	319	324	--	--
PCB-36	38444-87-0	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-37	38444-90-5	ppt-TOC	6	4	67	491	7,260	211	1,520	1,910	--	2,670	--	911	980	--	--
PCB-38	53555-66-1	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-39	38444-88-1	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-4/10	PCB-4/10	ppt-TOC	6	1	17	2,430	2,430	421	3,030	951	--	863	--	660	648	--	--
PCB-40	38444-93-8	ppt-TOC	6	4	67	278	2,170	211	1,520	777	--	740	--	521	619	--	--
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	6	6	100	464	24,100	--	--	5,820	5,820	9,150	9,150	2,390	1,890	--	--
PCB-42/59	36559-22-5/7447	ppt-TOC	6	4	67	548	11,700	211	1,520	2,870	--	4,430	--	1,100	990	--	--
PCB-43/49	PCB-43/49	ppt-TOC	6	6	100	441	37,400	--	--	8,880	8,880	14,400	14,400	3,060	2,250	--	--
PCB-44	41464-39-5	ppt-TOC	6	6	100	469	36,000	--	--	9,000	9,000	13,800	13,800	3,330	2,620	--	--
PCB-45	70362-45-7	ppt-TOC	6	4	67	286	3,780	211	1,520	1,060	--	1,370	--	577	584	--	--
PCB-46	41464-47-5	ppt-TOC	6	2	33	547	1,790	211	1,520	607	--	632	--	383	429	--	--
PCB-47	2437-79-8	ppt-TOC	6	4	67	803	13,000	256	1,520	3,090	--	4,940	--	1,190	893	--	--
PCB-48/75	70362-47-9/3259	ppt-TOC	6	4	67	294	6,410	211	1,520	1,670	--	2,390	--	753	720	--	--
PCB-5/8	PCB-5/8	ppt-TOC	6	3	50	603	5,480	421	3,030	1,640	--	1,940	--	1,000	1,020	--	--
PCB-50	62796-65-0	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-51	68194-04-7	ppt-TOC	6	2	33	424	1,240	211	1,520	495	--	436	--	345	367	--	--
PCB-52/69	35693-99-3/6023	ppt-TOC	6	6	100	518	93,700	--	--	27,600	27,600	35,300	35,300	9,720	14,700	--	--
PCB-53	41464-41-9	ppt-TOC	6	4	67	382	4,370	211	1,520	1,210	--	1,580	--	663	675	--	--
PCB-54	15968-05-5	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-55	74338-24-2	ppt-TOC	6	1	17	670	670	211	1,520	385	--	273	--	300	324	--	--
PCB-56/60	PCB-56/60	ppt-TOC	6	6	100	344	16,200	--	--	4,080	4,080	6,140	6,140	1,680	1,410	--	--
PCB-57	70424-67-8	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-58	41464-49-7	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-6	25569-80-6	ppt-TOC	6	1	17	1,510	1,510	421	3,030	798	--	584	--	610	648	--	--
PCB-61/70	PCB-61/70	ppt-TOC	6	6	100	600	46,700	--	--	11,100	11,100	18,000	18,000	3,530	2,830	--	--
PCB-62	54230-22-7	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-63	74472-34-7	ppt-TOC	6	2	33	371	1,280	211	1,520	493	--	452	--	339	341	--	--
PCB-65	33284-54-7	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-67	73575-53-8	ppt-TOC	6	2	33	273	904	211	1,520	414	--	337	--	304	292	--	--
PCB-68	73575-52-7	ppt-TOC	6	1	17	422	422	211	1,520	344	--	238	--	277	324	--	--
PCB-7/9	PCB-7/9	ppt-TOC	6	0	0	--	--	421	3,030	--	--	--	--	--	--	--	--
PCB-73	74338-23-1	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-74	32690-93-0	ppt-TOC	6	6	100	222	18,200	--	--	4,270	4,270	7,000	7,000	1,420	1,200	--	--
PCB-76/66	PCB-76/66	ppt-TOC	6	6	100	446	35,000	--	--	8,070	8,070	13,500	13,500	2,640	2,080	--	--
PCB-77	32598-13-3	ppt-TOC	6	3	50	508	3,660	211	1,520	1,020	--	1,340	--	515	634	--	--
PCB-78	70362-49-1	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-79	41464-48-6	ppt-TOC	6	1	17	1,600	1,600	211	1,520	540	--	570	--	346	324	--	--
PCB-80	33284-52-5	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt-TOC	6	1	17	389	389	211	1,520	339	--	236	--	274	324	--	--
PCB-82	52663-62-4	ppt-TOC	6	3	50	872	8,040	211	1,520	2,110	--	3,060	--	763	816	--	--
PCB-83	60145-20-2	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-84/92	52663-60-2/5266	ppt-TOC	6	6	100	379	36,400	--	--	8,760	8,760	14,300	14,300	2,300	1,680	--	--
PCB-85/116	PCB-85/116	ppt-TOC	6	5	83	253	14,200	1,520	1,520	3,420	--	5,470	--	1,240	805	--	--
PCB-86	55312-69-1	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-87/117/125	38380-02-8/6819	ppt-TOC	6	5	83	413	27,400	1,520	1,520	6,970	--	10,600	--	2,340	1,610	--	--
PCB-88/91	PCB-88/91	ppt-TOC	6	4	67	370	16,000	211	1,520	3,710	--	6,200	--	1,090	805	--	--
PCB-89	73575-57-2	ppt-TOC	6	1	17	826	826	211	1,520	411	--	311	--	310	324	--	--
PCB-90/101	PCB-90/101	ppt-TOC	6	6	100	1,110	111,000	--	--	26,300	26,300	43,200	43,200	7,280	5,300	--	--
PCB-93	73575-56-1	ppt-TOC	6	0	0	--	--	211	1,520	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt-TOC	6	1	17	500	500	211	1,520	357	--	245	--	285	324	--	--
PCB-95/98/102	38379-99-6/6023	ppt-TOC	6	6	100	641	80,000	--	--	18,600	18,600	31,200	31,200	4,820	3,450	--	--
PCB-96	73575-54-9	ppt-TOC	6	1	17	444	444	211	1,520	348	--	240	--	280	324	--	--
PCB-97	41464-51-1	ppt-TOC	6	5	83	372	27,700	1,520	1,520	6,670	--	10,800	--	2,070	1,320	--	--
PCB-99	38380-01-7	ppt-TOC	6	5	83	510	52,600	1,520	1,520	11,900	--	20,600	--	2,950	1,810	--	--
Total Congener PCBs (209)	No CAS	ppt-TOC	6	6	100	14,500	9,560,000	--	--	2,710,000	2,710,000	3,820,000	3,820,000	405,000	951,000	--	--
Total Congener PCBs (NOAA 1989)	No CAS	ppt-TOC	6	6	100	13,300	9,780,000	--	--	2,620,000	2,620,000	3,890,000	3,890,000	365,000	762,000	--	--

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	62	20	32	51.9	6,520	30.2	12,200	579	394	1,160	923	211	152	G/Ln	NP
Arsenic	7440-38-2	ppm-Al	62	62	100	308	6,870	--	--	1,510	1,510	1,470	1,470	1,090	1,060	Ln	Ln
Barium	7440-39-3	ppm-Al	62	62	100	3,610	187,000	--	--	15,700	15,700	24,000	24,000	11,800	10,500	NP	NP
Beryllium	7440-41-7	ppm-Al	62	35	57	38.7	725	4.7	190	82.5	88.6	94.1	91.3	64.1	66.3	NP	NP
Cadmium	7440-43-9	ppm-Al	62	27	44	10.0	750	2.7	190	75.8	69.9	122	122	26.1	41.9	G/Ln	NP
Calcium	7440-70-2	ppm-Al	62	62	100	230,000	26,200,000	--	--	2,490,000	2,490,000	4,530,000	4,530,000	1,010,000	674,000	NP	NP
Chromium	7440-47-3	ppm-Al	62	62	100	1,490	192,000	--	--	17,000	17,000	30,600	30,600	9,210	11,200	NP	NP
Cobalt	7440-48-4	ppm-Al	62	56	90	572	797,000	699	1,900	14,000	14,000	101,000	100,000	1,140	985	NP	NP
Copper	7440-50-8	ppm-Al	62	62	100	1,370	148,000	--	--	18,500	18,500	26,500	26,500	9,980	10,600	Ln	Ln
Iron	7439-89-6	ppm-Al	62	62	100	1,560,000	11,400,000	--	--	3,050,000	3,050,000	1,990,000	1,990,000	2,720,000	2,370,000	NP	NP
Lead	7439-92-1	ppm-Al	62	62	100	544	232,000	--	--	25,200	25,200	36,800	36,800	11,400	12,800	NP	NP
Magnesium	7439-95-4	ppm-Al	62	62	100	399,000	7,680,000	--	--	873,000	873,000	1,100,000	1,100,000	683,000	606,000	NP	NP
Manganese	7439-96-5	ppm-Al	62	62	100	15,800	250,000	--	--	46,300	46,300	31,800	31,800	40,800	39,200	Ln	Ln
Mercury	7439-97-6	ppm-Al	62	55	89	2.0	6,190	0.0	0.73	376	377	967	959	97.2	162	NP	NP
Nickel	7440-02-0	ppm-Al	62	62	100	1,590	270,000	--	--	8,330	8,330	34,000	34,000	3,410	2,730	NP	NP
Potassium	7440-09-7	ppm-Al	62	62	100	4,920	326,000	--	--	213,000	213,000	46,800	46,800	201,000	210,000	NP	NP
Selenium	7782-49-2	ppm-Al	62	38	61	18.7	2,010	31.4	430	201	194	268	270	126	159	NP	Ln
Silver	7440-22-4	ppm-Al	60	45	75	22.2	883	7.3	392	168	167	141	141	116	154	Ln	Ln
Sodium	7440-23-5	ppm-Al	62	62	100	71,300	1,210,000	--	--	496,000	496,000	219,000	219,000	440,000	502,000	N/G	N/G
Thallium	7440-28-0	ppm-Al	62	5	8	16.9	602	45.9	4,020	137	40.6	260	99.7	86.9	93.0	N/G/Ln	NP
Titanium	7440-32-6	ppm-Al	4	4	100	26,900	37,500	--	--	32,300	32,300	4,470	4,470	32,000	32,400	--	--
Vanadium	7440-62-2	ppm-Al	62	62	100	1,990	13,000	--	--	3,560	3,560	1,880	1,880	3,260	2,940	NP	NP
Zinc	7440-66-6	ppm-Al	62	62	100	4,680	462,000	--	--	44,200	44,200	66,800	66,800	24,500	23,500	Ln	Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	34	16	47	55.5	1,010	26.2	276	183	187	229	224	104	88.0	G/Ln	NP
Arsenic	7440-38-2	ppm-Al	34	34	100	234	14,400	--	--	2,890	2,890	3,700	3,700	1,330	850	NP	NP
Barium	7440-39-3	ppm-Al	34	34	100	2,490	49,900	--	--	11,300	11,300	9,450	9,450	8,980	9,310	G/Ln	G/Ln
Beryllium	7440-41-7	ppm-Al	34	27	79	8.3	650	3.7	78.4	75.4	77.2	106	104	51.3	51.7	NP	NP
Cadmium	7440-43-9	ppm-Al	34	11	32	6.2	622	2.7	227	82.0	75.8	159	158	15.7	17.0	G/Ln	NP

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Calcium	7440-70-2	ppm-Al	34	34	100	111,000	21,800,000	--	--	1,790,000	1,790,000	3,980,000	3,980,000	645,000	452,000	NP	NP
Chromium	7440-47-3	ppm-Al	34	34	100	1,460	205,000	--	--	21,800	21,800	40,400	40,400	7,610	7,500	NP	NP
Cobalt	7440-48-4	ppm-Al	34	34	100	241	3,860	--	--	972	972	577	577	880	879	NP	NP
Copper	7440-50-8	ppm-Al	34	34	100	675	174,000	--	--	20,100	20,100	34,500	34,500	7,010	7,610	Ln	Ln
Iron	7439-89-6	ppm-Al	34	34	100	1,010,000	7,300,000	--	--	2,660,000	2,660,000	1,090,000	1,090,000	2,500,000	2,520,000	NP	NP
Lead	7439-92-1	ppm-Al	34	34	100	641	64,500	--	--	16,600	16,600	18,800	18,800	6,480	9,560	NP	NP
Magnesium	7439-95-4	ppm-Al	34	34	100	350,000	14,900,000	--	--	1,120,000	1,120,000	2,550,000	2,550,000	645,000	557,000	NP	NP
Manganese	7439-96-5	ppm-Al	34	34	100	11,000	106,000	--	--	41,800	41,800	19,700	19,700	38,000	39,800	G/Ln	G/Ln
Mercury	7439-97-6	ppm-Al	34	21	62	0.0	8,280	0.0	0.0	487	487	1,470	1,450	90.0	1.6	NP	NP
Nickel	7440-02-0	ppm-Al	34	34	100	819	11,100	--	--	3,280	3,280	2,090	2,090	2,770	2,490	G/Ln	G/Ln
Potassium	7440-09-7	ppm-Al	34	34	100	138,000	476,000	--	--	208,000	208,000	64,500	64,500	201,000	195,000	NP	NP
Selenium	7782-49-2	ppm-Al	34	24	71	31.6	833	44.5	599	220	215	177	178	155	179	G/Ln	Ln
Silver	7440-22-4	ppm-Al	34	26	77	33.1	802	13.2	68.4	170	174	180	174	90.9	99.7	G/Ln	NP
Sodium	7440-23-5	ppm-Al	34	34	100	59,000	1,130,000	--	--	383,000	383,000	252,000	252,000	310,000	344,000	G/Ln	G/Ln
Thallium	7440-28-0	ppm-Al	34	3	9	106	832	40.8	276	107	--	152	--	72.4	74.3	--	--
Titanium	7440-32-6	ppm-Al	4	4	100	24,100	31,300	--	--	26,600	26,600	3,230	3,230	26,400	25,500	--	--
Vanadium	7440-62-2	ppm-Al	34	34	100	1,900	6,010	--	--	2,850	2,850	937	937	2,740	2,470	NP	NP
Zinc	7440-66-6	ppm	34	34	100	3,010	303,000	--	--	33,700	33,700	54,200	54,200	16,500	20,100	NP	NP
Subsurface (>3.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	20	8	40	68.7	245	31.1	1,340	117	95.6	147	55.0	72.2	82.6	NP	NP
Arsenic	7440-38-2	ppm-Al	20	20	100	244	3,450	--	--	1,020	1,020	1,030	1,030	661	481	NP	NP
Barium	7440-39-3	ppm-Al	20	20	100	2,820	52,300	--	--	15,800	15,800	12,600	12,600	12,200	13,600	G/Ln	G/Ln
Beryllium	7440-41-7	ppm-Al	20	16	80	42.6	95.8	55.5	67.2	62.7	66.6	21.8	16.9	58.6	64.8	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Al	20	2	10	41.5	216	3.1	136	25.4	--	48.9	--	7.2	3.8	--	--
Calcium	7440-70-2	ppm-Al	20	20	100	134,000	4,940,000	--	--	1,190,000	1,190,000	1,190,000	1,190,000	759,000	884,000	G/Ln	G/Ln
Chromium	7440-47-3	ppm-Al	20	20	100	1,450	26,900	--	--	6,990	6,990	8,690	8,690	3,710	2,200	NP	NP
Cobalt	7440-48-4	ppm-Al	20	19	95	622	1,410	958	958	890	907	197	170	868	872	N/G/Ln	N/G/Ln
Copper	7440-50-8	ppm-Al	20	20	100	745	52,400	--	--	7,070	7,070	12,000	12,000	3,240	1,860	NP	NP
Iron	7439-89-6	ppm-Al	20	20	100	1,850,000	3,430,000	--	--	2,290,000	2,290,000	424,000	424,000	2,260,000	2,230,000	G/Ln	G/Ln
Lead	7439-92-1	ppm-Al	20	20	100	535	21,200	--	--	5,420	5,420	7,330	7,330	2,270	1,410	NP	NP
Magnesium	7439-95-4	ppm-Al	20	20	100	300,000	1,070,000	--	--	615,000	615,000	185,000	185,000	590,000	600,000	N/G/Ln	N/G/Ln

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Manganese	7439-96-5	ppm-Al	20	20	100	13,100	102,000	--	--	45,900	45,900	20,400	20,400	41,600	46,500	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm-Al	20	8	40	1.5	957	0.0	19.4	149	149	292	284	24.3	1.4	N	N
Nickel	7440-02-0	ppm-Al	20	20	100	1,280	3,850	--	--	2,180	2,180	672	672	2,090	1,970	N/G/Ln	N/G/Ln
Potassium	7440-09-7	ppm-Al	20	20	100	138,000	347,000	--	--	210,000	210,000	50,100	50,100	205,000	214,000	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Al	20	9	45	107	198	32.3	1,300	134	133	137	31.9	87.5	120	N/G/Ln	NP
Silver	7440-22-4	ppm-Al	20	11	55	60.2	207	7.5	319	72.2	86.8	59.6	39.5	40.2	71.9	G/Ln	NP
Sodium	7440-23-5	ppm-Al	20	20	100	17,100	2,530,000	--	--	269,000	269,000	551,000	551,000	98,400	93,000	G	G
Titanium	7440-32-6	ppm-Al	2	2	100	28,000	29,100	--	--	28,600	28,600	778	778	28,500	28,600	--	--
Zinc	7440-66-6	ppm-Al	20	20	100	3,920	36,000	--	--	11,100	11,100	10,800	10,800	7,890	5,070	NP	NP

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	62	62	100	87,700	641,000	--	--	392,000	392,000	115,000	115,000	367,000	422,000	NP	NP
Antimony	7440-36-0	ppm-Fe	62	19	31	24.6	3,380	14.5	4,730	236	165	536	461	76.5	54.5	G/Ln	NP
Arsenic	7440-38-2	ppm-Fe	62	62	100	148	2,890	--	--	535	535	573	573	399	376	NP	NP
Barium	7440-39-3	ppm-Fe	62	62	100	1,720	72,600	--	--	5,530	5,530	8,810	8,810	4,330	4,320	NP	NP
Beryllium	7440-41-7	ppm-Fe	62	35	57	13.5	182	1.5	83.7	29.4	31.5	25.3	24.2	23.5	25.0	NP	NP
Cadmium	7440-43-9	ppm-Fe	62	26	42	3.1	291	1.3	83.7	28.9	26.2	49.0	49.2	9.5	15.8	G/Ln	NP
Calcium	7440-70-2	ppm-Fe	62	62	100	76,200	8,600,000	--	--	736,000	736,000	1,310,000	1,310,000	369,000	283,000	NP	NP
Chromium	7440-47-3	ppm-Fe	62	62	100	713	78,900	--	--	6,780	6,780	13,700	13,700	3,380	3,730	Ln	Ln
Cobalt	7440-48-4	ppm-Fe	62	56	90	149	309,000	237	837	5,380	5,390	39,200	38,900	417	394	NP	NP
Copper	7440-50-8	ppm-Fe	62	62	100	573	47,000	--	--	5,960	5,960	7,530	7,530	3,660	3,870	Ln	Ln
Lead	7439-92-1	ppm-Fe	62	62	100	261	42,000	--	--	7,420	7,420	8,220	8,220	4,180	4,750	NP	NP
Magnesium	7439-95-4	ppm-Fe	62	62	100	48,500	1,200,000	--	--	282,000	282,000	188,000	188,000	251,000	235,000	NP	NP
Manganese	7439-96-5	ppm-Fe	62	62	100	4,640	82,000	--	--	17,100	17,100	11,100	11,100	15,000	13,300	NP	NP
Mercury	7439-97-6	ppm-Fe	62	55	89	0.93	2,400	0.0	0.34	153	153	424	420	35.7	54.2	NP	NP
Nickel	7440-02-0	ppm-Fe	62	62	100	525	105,000	--	--	2,940	2,940	13,200	13,200	1,250	1,090	NP	NP
Potassium	7440-09-7	ppm-Fe	62	62	100	1,910	195,000	--	--	83,900	83,900	31,300	31,300	73,700	88,300	NP	NP
Selenium	7782-49-2	ppm-Fe	62	37	60	7.7	180	15.0	173	62.1	59.8	44.6	46.4	45.8	57.6	G	Ln
Silver	7440-22-4	ppm-Fe	60	44	73	9.9	342	3.5	173	60.2	59.6	53.4	53.1	41.9	50.5	G/Ln	Ln
Sodium	7440-23-5	ppm-Fe	62	62	100	33,700	779,000	--	--	189,000	189,000	111,000	111,000	161,000	188,000	G	G
Thallium	7440-28-0	ppm-Fe	62	4	7	7.3	52.8	21.8	1,560	47.7	--	96.8	--	31.5	38.2	--	--
Titanium	7440-32-6	ppm-Fe	4	4	100	13,000	17,200	--	--	15,100	15,100	1,970	1,970	15,000	15,100	--	--
Vanadium	7440-62-2	ppm-Fe	62	62	100	405	2,460	--	--	1,240	1,240	347	347	1,200	1,180	NP	NP
Zinc	7440-66-6	ppm-Fe	62	62	100	2,220	116,000	--	--	13,800	13,800	17,500	17,500	8,980	8,630	Ln	Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	34	34	100	217,000	995,000	--	--	428,000	428,000	138,000	138,000	410,000	397,000	G/Ln	G/Ln
Antimony	7440-36-0	ppm-Fe	34	15	44	13.8	296	12.9	161	66.4	63.8	78.4	78.4	40.1	35.5	Ln	NP
Arsenic	7440-38-2	ppm-Fe	34	34	100	118	5,580	--	--	1,090	1,090	1,400	1,400	532	315	NP	NP
Barium	7440-39-3	ppm-Fe	34	34	100	1,010	16,400	--	--	4,420	4,420	3,110	3,110	3,670	3,780	G/Ln	G/Ln
Beryllium	7440-41-7	ppm-Fe	34	26	77	14.1	178	1.6	31.9	28.8	30.5	29.0	27.5	20.6	24.8	NP	NP
Cadmium	7440-43-9	ppm-Fe	34	10	29	2.5	243	1.3	44.2	30.2	28.4	60.7	60.3	6.1	4.1	N/G/Ln	NP

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Calcium	7440-70-2	ppm-Fe	34	34	100	60,200	8,040,000	--	--	634,000	634,000	1,440,000	1,440,000	257,000	204,000	NP	NP
Chromium	7440-47-3	ppm-Fe	34	34	100	683	70,400	--	--	7,980	7,980	14,300	14,300	3,060	2,660	NP	NP
Cobalt	7440-48-4	ppm-Fe	34	34	100	88.9	1,060	--	--	384	384	154	154	359	344	NP	NP
Copper	7440-50-8	ppm-Fe	34	34	100	345	56,900	--	--	6,980	6,980	11,400	11,400	2,790	2,340	NP	NP
Lead	7439-92-1	ppm-Fe	34	34	100	320	22,000	--	--	5,770	5,770	6,200	6,200	2,560	3,120	NP	NP
Magnesium	7439-95-4	ppm-Fe	34	34	100	148,000	5,480,000	--	--	467,000	467,000	1,010,000	1,010,000	264,000	230,000	NP	NP
Manganese	7439-96-5	ppm-Fe	34	34	100	7,490	41,100	--	--	16,900	16,900	7,820	7,820	15,400	14,500	G/Ln	G/Ln
Mercury	7439-97-6	ppm-Fe	34	20	59	0.0	2,850	0.0	0.0	178	178	513	506	35.8	0.88	NP	NP
Nickel	7440-02-0	ppm-Fe	34	34	100	302	3,030	--	--	1,220	1,220	545	545	1,110	1,030	G/Ln	G/Ln
Potassium	7440-09-7	ppm-Fe	34	34	100	39,200	272,000	--	--	88,100	88,100	40,300	40,300	82,200	82,200	Ln	Ln
Selenium	7782-49-2	ppm-Fe	34	24	71	15.9	198	26.2	196	78.2	77.4	50.5	50.9	61.5	74.7	N/G/Ln	N/Ln
Silver	7440-22-4	ppm-Fe	34	26	77	2.7	263	7.8	35.7	62.8	61.8	62.4	62.3	35.8	43.0	G/Ln	Ln
Sodium	7440-23-5	ppm-Fe	34	34	100	28,300	819,000	--	--	161,000	161,000	143,000	143,000	126,000	129,000	G/Ln	G/Ln
Thallium	7440-28-0	ppm-Fe	34	2	6	34.5	307	20.7	207	39.1	--	50.8	--	28.6	28.8	--	--
Titanium	7440-32-6	ppm-Fe	4	4	100	9,770	24,900	--	--	16,600	16,600	6,260	6,260	15,700	15,900	--	--
Vanadium	7440-62-2	ppm-Fe	34	34	100	661	2,350	--	--	1,160	1,160	346	346	1,120	1,020	NP	NP
Zinc	7440-66-6	ppm-Fe	34	34	100	2,050	83,200	--	--	11,500	11,500	15,300	15,300	6,560	5,750	NP	NP
Subsurface (>3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	20	20	100	291,000	542,000	--	--	448,000	448,000	71,100	71,100	442,000	450,000	N/G/Ln	N/G/Ln
Antimony	7440-36-0	ppm-Fe	20	8	40	34.4	108	16.3	390	46.1	44.0	45.3	21.5	32.0	35.0	NP	NP
Arsenic	7440-38-2	ppm-Fe	20	20	100	104	1,490	--	--	433	433	430	430	293	219	NP	NP
Barium	7440-39-3	ppm-Fe	20	20	100	1,490	21,200	--	--	6,920	6,920	5,300	5,300	5,410	5,910	G/Ln	G/Ln
Beryllium	7440-41-7	ppm-Fe	20	16	80	21.9	44.7	23.5	29.1	27.6	29.6	9.0	5.9	25.9	29.6	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Fe	20	2	10	17.1	93.3	1.6	39.5	10.3	--	20.7	--	3.2	1.9	--	--
Calcium	7440-70-2	ppm-Fe	20	20	100	64,600	2,370,000	--	--	527,000	527,000	536,000	536,000	336,000	414,000	G/Ln	G/Ln
Chromium	7440-47-3	ppm-Fe	20	20	100	756	11,100	--	--	2,970	2,970	3,640	3,640	1,640	968	NP	NP
Cobalt	7440-48-4	ppm-Fe	20	19	95	237	677	279	279	402	407	114	101	384	402	N/G/Ln	N/G/Ln
Copper	7440-50-8	ppm-Fe	20	20	100	393	21,500	--	--	2,980	2,980	4,940	4,940	1,440	912	NP	NP
Lead	7439-92-1	ppm-Fe	20	20	100	244	9,140	--	--	2,300	2,300	3,090	3,090	1,010	631	NP	NP
Magnesium	7439-95-4	ppm-Fe	20	20	100	97,000	483,000	--	--	273,000	273,000	79,100	79,100	261,000	299,000	N	N
Manganese	7439-96-5	ppm-Fe	20	20	100	4,210	48,700	--	--	20,600	20,600	9,520	9,520	18,400	21,000	G	G
Mercury	7439-97-6	ppm-Fe	20	8	40	0.78	414	0.0	5.6	62.6	62.9	123	120	10.1	0.62	N	N

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Nickel	7440-02-0	ppm-Fe	20	20	100	372	1,580	--	--	967	967	279	279	925	912	N/G/Ln	N/G/Ln
Potassium	7440-09-7	ppm-Fe	20	20	100	44,400	166,000	--	--	95,100	95,100	29,600	29,600	90,700	94,600	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Fe	20	9	45	51.9	90.9	16.9	378	53.8	60.5	42.5	13.1	38.7	52.1	N/G/Ln	NP
Silver	7440-22-4	ppm-Fe	20	11	55	21.5	89.6	3.9	93.0	30.7	36.4	24.7	18.4	17.8	34.5	N/G/Ln	NP
Sodium	7440-23-5	ppm-Fe	20	20	100	9,270	738,000	--	--	100,000	100,000	164,000	164,000	43,500	32,000	G	G
Thallium	7440-28-0	ppm-Fe	20	0	0	--	--	26.2	192	--	--	--	--	--	--	--	--
Titanium	7440-32-6	ppm-Fe	2	2	100	14,800	14,900	--	--	14,900	14,900	70.7	70.7	14,800	14,900	--	--
Vanadium	7440-62-2	ppm-Fe	20	20	100	872	1,490	--	--	1,200	1,200	175	175	1,180	1,170	N/G/Ln	N/G/Ln
Zinc	7440-66-6	ppm-Fe	20	20	100	1,300	14,700	--	--	4,820	4,820	4,500	4,500	3,490	2,480	NP	NP

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb-TOC	24	1	4	980	980	470	54,000	2,200	--	5,400	--	890	650	--	--
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	24	2	8	1,500	2,200	470	54,000	2,200	--	5,400	--	940	650	--	--
2,4-D	94-75-7	ppb-TOC	24	0	0	--	--	2,000	130,000	--	--	--	--	--	--	--	--
2,4-DB	94-82-6	ppb-TOC	24	2	8	5,200	6,600	2,000	98,000	5,900	--	10,000	--	3,400	2,600	--	--
Organotins																	
Dibutyltin	1191-48-6	ppb-TOC	2	0	0	--	--	65	280	--	--	--	--	--	--	--	--
Monobutyltin	78763-54-9	ppb-TOC	2	0	0	--	--	65	280	--	--	--	--	--	--	--	--
Tetrabutyltin	1461-25-2	ppb-TOC	2	0	0	--	--	65	280	--	--	--	--	--	--	--	--
Tributyltin	688-73-3	ppb-TOC	2	0	0	--	--	65	280	--	--	--	--	--	--	--	--
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb-TOC	24	0	0	--	--	790	18,000	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb-TOC	24	0	0	--	--	790	18,000	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb-TOC	24	0	0	--	--	790	18,000	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb-TOC	24	15	63	3,600	180,000	850	18,000	19,000	20,000	38,000	36,000	6,000	7,700	G/Ln	Ln
Aroclor-1248	12672-29-6	ppb-TOC	24	6	25	1,200	7,700	790	18,000	2,200	1,900	2,200	1,600	1,600	1,300	G/Ln	NP
Aroclor-1254	11097-69-1	ppb-TOC	24	14	58	670	32,000	850	18,000	7,100	6,800	8,500	8,500	3,500	4,200	G/Ln	NP
Aroclor-1260	11096-82-5	ppb-TOC	24	9	38	630	33,000	850	18,000	5,300	4,500	7,700	7,700	2,400	1,900	N/G/Ln	NP
Aroclor-1262	37324-23-5	ppb-TOC	24	0	0	--	--	790	18,000	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb-TOC	24	0	0	--	--	790	18,000	--	--	--	--	--	--	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb-TOC	24	20	83	1,200	220,000	850	4,200	30,000	30,000	48,000	47,000	11,000	10,000	G/Ln	Ln
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb-TOC	24	20	83	1,200	220,000	850	4,200	30,000	30,000	48,000	47,000	11,000	10,000	G/Ln	Ln
Pesticides																	
2,4'-DDD	53-19-0	ppb	3	2	67	380	820	630	630	510	--	270	--	460	380	--	--
2,4'-DDE	3424-82-6	ppb	3	1	33	660	660	610	630	430	--	200	--	400	320	--	--
2,4'-DDT	789-02-6	ppb	3	2	67	45	110	610	610	150	--	140	--	110	110	--	--
4,4'-DDD	72-54-8	ppb	36	25	69	86	33,000	320	13,000	2,400	2,000	5,400	5,300	1,100	1,000	Ln	NP
4,4'-DDE	72-55-9	ppb	37	22	60	230	9,200	81	13,000	1,500	1,200	2,000	1,600	840	910	NP	Ln
4,4'-DDT	50-29-3	ppb	36	14	39	120	7,200	41	13,000	1,200	660	1,800	1,300	400	470	G/Ln	NP
Aldrin	309-00-2	ppb	37	4	11	7.6	430	41	6,800	420	--	740	--	160	130	--	--
Alpha-BHC	319-84-6	ppb	37	15	41	12	250	81	6,800	400	65	750	54	140	120	G/Ln	NP
Alpha-Chlordane	5103-71-9	ppb	37	15	41	56	1,700	81	6,800	570	310	740	330	320	320	G/Ln	Ln
Beta-BHC	319-85-7	ppb	37	4	11	26	1,700	41	6,800	470	--	780	--	170	150	--	--
Delta-BHC	319-86-8	ppb	36	4	11	21	420	41	6,800	420	--	750	--	160	140	--	--
Dieldrin	60-57-1	ppb	37	19	51	26	1,800	81	13,000	880	290	1,400	330	380	410	G/Ln	Ln
Endosulfan I	959-98-8	ppb	37	4	11	41	1,100	5.1	6,800	450	--	750	--	160	150	--	--
Endosulfan II	33213-65-9	ppb	37	11	30	45	1,400	5.1	13,000	920	330	1,400	390	360	440	N/G/Ln	NP
Endosulfan Sulfate	1031-07-8	ppb	37	2	5	920	1,500	5.1	13,000	800	--	1,500	--	210	160	--	--
Endrin	72-20-8	ppb	37	14	38	73	3,200	5.1	13,000	940	360	1,500	550	390	440	G/Ln	NP
Endrin Aldehyde	7421-93-4	ppb	37	19	51	36	15,000	5.1	13,000	1,600	1,100	2,700	2,400	670	750	Ln	Ln
Endrin Ketone	53494-70-5	ppb	37	5	14	220	440	5.1	13,000	770	250	1,500	63	230	260	N/G/Ln	NP
Gamma-BHC (Lindane)	58-89-9	ppb	37	1	3	6.8	6.8	41	6,800	400	--	750	--	140	110	--	--
Gamma-Chlordane	5566-34-7	ppb	36	18	50	70	5,000	130	6,800	670	420	1,000	820	360	370	Ln	NP

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Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Heptachlor	76-44-8	ppb	37	4	11	43	180	5.1	6,800	390	--	750	--	130	110	--	--
Heptachlor Epoxide	1024-57-3	ppb	37	9	24	13	570	41	6,800	420	98	740	130	160	160	N/G/Ln	NP
Hexachlorobenzene	118-74-1	ppb	1	1	100	480	480	--	--	--	--	--	--	NA	480	--	--
Methoxychlor	72-43-5	ppb	37	1	3	21	21	79	68,000	3,700	--	7,600	--	600	250	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb	36	19	53	70	6,700	130	6,800	860	630	1,200	1,100	460	480	G/Ln	NP
Total DDT (2,4 & 4,4)	No CAS	ppb	2	2	100	2,000	2,000	--	--	2,000	2,000	0.0	PROBLEM	2,000	2,000	--	--
Total DDT (2,4)	No CAS	ppb	2	2	100	110	380	--	--	250	250	190	190	200	250	--	--
Total DDT (4,4)	No CAS	ppb	37	28	76	86	38,000	320	13,000	3,700	3,400	6,500	6,400	1,900	1,800	Ln	Ln
Toxaphene	8001-35-2	ppb	36	0	0	--	--	1,700	130,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	2	0	0	--	--	32,000	32,000	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	22	6	27	560	2,900	5,500	1,800,000	80,000	1,600	190,000	820	16,000	18,000	N/G/Ln	NP
1,2-Dichlorobenzene	95-50-1	ppb-TOC	22	7	32	240	970	5,500	1,800,000	78,000	650	190,000	260	11,000	16,000	N/G/Ln	NP
1,3-Dichlorobenzene	541-73-1	ppb-TOC	22	4	18	390	1,300	5,500	1,800,000	80,000	--	190,000	--	17,000	18,000	--	--
1,4-Dichlorobenzene	106-46-7	ppb-TOC	22	15	68	430	7,400	5,500	1,800,000	63,000	4,200	190,000	2,000	8,200	5,100	N/G	N
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	2	0	0	--	--	32,000	32,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	24	1	4	2,200	2,200	5,500	1,800,000	77,000	--	180,000	--	25,000	18,000	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	24	0	0	--	--	27,000	8,300,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	30	27	90	860	10,000,000	5,500	79,000	360,000	360,000	1,800,000	1,790,000	10,000	7,800	NP	NP
2-Methylphenol	95-48-7	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	24	0	0	--	--	5,500	8,300,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	24	0	0	--	--	11,000	8,300,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb-TOC	24	0	0	--	--	11,000	8,300,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	24	0	0	--	--	16,000	8,300,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	24	2	8	3,000	3,500	5,500	1,800,000	76,000	--	180,000	--	24,000	17,000	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	4	0	0	--	--	5,500	32,000	--	--	--	--	--	--	--	--
4-Nitroaniline	100-01-6	ppb-TOC	24	0	0	--	--	11,000	8,300,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	24	0	0	--	--	16,000	8,300,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	38	30	79	1,600	3,500,000	5,500	650,000	220,000	200,000	630,000	620,000	29,000	25,000	NP	NP
Acenaphthylene	208-96-8	ppb-TOC	38	33	87	1,000	6,700,000	79,000	280,000	230,000	230,000	1,100,000	1,070,000	35,000	32,000	Ln	NP
Acetophenone	98-86-2	ppb-TOC	2	0	0	--	--	32,000	32,000	--	--	--	--	--	--	--	--
Anthracene	120-12-7	ppb-TOC	38	35	92	1,200	5,000,000	110,000	280,000	300,000	290,000	870,000	860,000	59,000	53,000	Ln	Ln
Atrazine	1912-24-9	ppb-TOC	2	0	0	--	--	32,000	32,000	--	--	--	--	--	--	--	--

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Benzaldehyde	100-52-7	ppb-TOC	2	0	0	--	--	32,000	32,000	--	--	--	--	--	--	--	--
Benzo(a)anthracene	56-55-3	ppb-TOC	38	38	100	3,100	3,700,000	--	--	340,000	340,000	640,000	640,000	110,000	120,000	G/Ln	G/Ln
Benzo(a)pyrene	50-32-8	ppb-TOC	38	38	100	3,500	3,500,000	--	--	310,000	310,000	580,000	580,000	120,000	120,000	G/Ln	G/Ln
Benzo(b)fluoranthene	205-99-2	ppb-TOC	38	38	100	4,000	2,300,000	--	--	270,000	270,000	410,000	410,000	110,000	120,000	G/Ln	G/Ln
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	38	36	95	2,700	1,500,000	110,000	260,000	150,000	150,000	260,000	250,000	64,000	62,000	Ln	Ln
Benzo(k)fluoranthene	207-08-9	ppb-TOC	38	38	100	1,500	710,000	--	--	150,000	150,000	190,000	190,000	63,000	65,000	G/Ln	G/Ln
Biphenyl	92-52-4	ppb-TOC	8	6	75	740	41,000	32,000	32,000	10,000	6,800	14,000	13,000	4,200	3,300	G/Ln	Ln
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	24	22	92	3,100	570,000	84,000	430,000	130,000	120,000	150,000	140,000	63,000	90,000	G/Ln	G/Ln
Butyl benzyl phthalate	85-68-7	ppb-TOC	24	9	38	740	2,100,000	5,500	430,000	120,000	89,000	420,000	420,000	14,000	16,000	NP	NP
Caprolactam	105-60-2	ppb-TOC	2	0	0	--	--	32,000	32,000	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb-TOC	24	17	71	1,300	24,000	5,500	1,800,000	50,000	7,500	180,000	6,100	9,000	7,900	G/Ln	G/Ln
Chrysene	218-01-9	ppb-TOC	38	38	100	3,300	3,100,000	--	--	310,000	310,000	550,000	550,000	110,000	110,000	G/Ln	G/Ln
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	38	31	82	880	380,000	5,500	280,000	53,000	46,000	70,000	67,000	27,000	23,000	Ln	Ln
Dibenzofuran	132-64-9	ppb-TOC	29	23	79	1,600	380,000	5,500	1,800,000	62,000	28,000	180,000	72,000	12,000	9,000	NP	NP
Diethyl phthalate	84-66-2	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	24	2	8	7,000	7,000	5,500	1,800,000	76,000	--	180,000	--	26,000	18,000	--	--
Di-n-Octylphthalate	117-84-0	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	ppb-TOC	38	38	100	7,300	5,800,000	--	--	650,000	650,000	1,100,000	1,100,000	220,000	220,000	Ln	Ln
Fluorene	86-73-7	ppb-TOC	38	28	74	2,700	3,900,000	5,500	650,000	190,000	170,000	660,000	650,000	26,000	19,000	NP	NP
Hexachlorobenzene	118-74-1	ppb-TOC	24	1	4	2,100	2,100	1,700	1,800,000	76,000	--	180,000	--	23,000	18,000	--	--
Hexachlorobutadiene	87-68-3	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	22	0	0	--	--	16,000	8,300,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	38	36	95	2,000	1,200,000	110,000	260,000	140,000	140,000	210,000	210,000	61,000	62,000	G/Ln	Ln
Isophorone	78-59-1	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb-TOC	38	30	79	1,700	25,000,000	18,000	280,000	760,000	750,000	4,000,000	3,990,000	40,000	29,000	NP	NP
Nitrobenzene	98-95-3	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
Pentachlorophenol	87-86-5	ppb-TOC	24	0	0	--	--	3,600	8,300,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb-TOC	38	37	97	1,200	18,000,000	260,000	260,000	790,000	790,000	3,000,000	2,980,000	76,000	66,000	Ln	Ln
Phenol	108-95-2	ppb-TOC	24	0	0	--	--	5,500	1,800,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb-TOC	38	38	100	6,600	9,600,000	--	--	680,000	680,000	1,600,000	1,600,000	200,000	190,000	Ln	Ln
Total HMW PAHs-SVOC	No CAS	ppb-TOC	38	38	100	37,000	32,000,000	--	--	3,000,000	3,000,000	5,500,000	5,500,000	1,100,000	1,100,000	G/Ln	G/Ln
Total LMW PAHs-SVOC	No CAS	ppb-TOC	30	30	100	3,800	71,000,000	--	--	3,300,000	3,300,000	13,000,000	13,000,000	230,000	180,000	Ln	Ln
TOTAL PAHs - SVOC	No CAS	ppb-TOC	30	30	100	49,000	10,000,000	--	--	6,400,000	6,400,000	18,000,000	18,000,000	1,400,000	1,300,000	Ln	Ln

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
TPH																	
Total Petroleum Hydrocarbons	TPH	ppb-TOC	4	4	100	6,800	37,000	--	--	21,000	21,000	16,000	16,000	16,000	20,000	--	--
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	1	1	100	610	610	--	--	--	--	--	--	NA	610	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	1	1	100	2,200	2,200	--	--	--	--	--	--	NA	2,200	--	--
1,2-Dichlorobenzene	95-50-1	ppb-TOC	1	0	0	--	--	1,700	1,700	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	1	0	0	--	--	1,700	1,700	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	ppb-TOC	1	0	0	--	--	1,700	1,700	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	ppb-TOC	22	8	36	110	1,300	120	1,900	410	330	310	310	320	310	N/G/Ln	NP
2-Hexanone	591-78-6	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
Acetone	67-64-1	ppb-TOC	22	11	50	230	4,100	1,200	5,000	1,200	990	910	890	920	850	G/Ln	NP
Benzene	71-43-2	ppb-TOC	22	1	5	540,000	540,000	120	1,300	25,000	--	120,000	--	290	210	--	--
Bromodichloromethane	75-27-4	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb-TOC	22	2	9	96	440	120	130,000	3,200	--	14,000	--	250	190	--	--
Carbon Tetrachloride	56-23-5	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb-TOC	23	2	9	66	330	120	130,000	3,100	--	13,000	--	280	220	--	--
Chloroethane	75-00-3	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb-TOC	22	2	9	32	35	120	130,000	3,200	--	14,000	--	220	180	--	--
Chloromethane	74-87-3	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb-TOC	22	3	14	40	2,200,000	120	1,300	100,000	--	470,000	--	340	220	--	--
Methylene Chloride	75-09-2	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
Styrene	100-42-5	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb-TOC	22	3	14	52	7,500	120	890	550	--	1,600	--	220	210	--	--
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb-TOC	22	0	0	--	--	120	130,000	--	--	--	--	--	--	--	--
Xylene (Total)	1330-20-7	ppb-TOC	22	2	9	410	83,000	250	3,800	4,400	--	18,000	--	690	580	--	--

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Mid-depth (0.5 - 3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb-TOC	15	0	0	--	--	620	100,000	--	--	--	--	--	--	--	--
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	15	0	0	--	--	620	100,000	--	--	--	--	--	--	--	--
2,4-D	94-75-7	ppb-TOC	15	0	0	--	--	2,500	240,000	--	--	--	--	--	--	--	--
2,4-DB	94-82-6	ppb-TOC	15	0	0	--	--	2,500	180,000	--	--	--	--	--	--	--	--
Organotins																	
Dibutyltin	1191-48-6	ppb-TOC	4	0	0	--	--	57	600	--	--	--	--	--	--	--	--
Monobutyltin	78763-54-9	ppb-TOC	4	0	0	--	--	57	600	--	--	--	--	--	--	--	--
Tetrabutyltin	1461-25-2	ppb-TOC	4	0	0	--	--	57	600	--	--	--	--	--	--	--	--
Tributyltin	688-73-3	ppb-TOC	4	0	0	--	--	57	600	--	--	--	--	--	--	--	--
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb-TOC	14	0	0	--	--	1,000	33,000	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb-TOC	14	0	0	--	--	1,000	33,000	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb-TOC	14	0	0	--	--	1,000	33,000	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb-TOC	14	2	14	14,000	52,000	1,000	33,000	7,600	--	14,000	--	2,700	1,800	--	--
Aroclor-1248	12672-29-6	ppb-TOC	14	0	0	--	--	1,000	33,000	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb-TOC	14	1	7	11,000	11,000	1,000	33,000	4,200	--	4,900	--	2,300	1,800	--	--
Aroclor-1260	11096-82-5	ppb-TOC	14	0	0	--	--	1,000	33,000	--	--	--	--	--	--	--	--
Aroclor-1262	37324-23-5	ppb-TOC	14	0	0	--	--	1,000	33,000	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb-TOC	14	0	0	--	--	1,000	33,000	--	--	--	--	--	--	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb-TOC	15	2	13	25,000	52,000	1,000	33,000	7,900	--	14,000	--	2,600	1,800	--	--
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb-TOC	15	2	13	25,000	52,000	1,000	33,000	7,900	--	14,000	--	2,600	1,800	--	--
Pesticides																	
4,4'-DDD	72-54-8	ppb	15	8	53	110	6,400	83	3,300	1,300	1,200	1,800	1,700	510	470	N/G/Ln	N/Ln
4,4'-DDE	72-55-9	ppb	15	6	40	19	8,500	63	3,300	1,300	1,200	2,500	2,500	250	180	N/G/Ln	NP
4,4'-DDT	50-29-3	ppb	15	2	13	210	1,200	63	8,400	630	--	1,100	--	250	210	--	--
Aldrin	309-00-2	ppb	15	4	27	78	130	69	8,400	460	--	1,100	--	170	130	--	--
Alpha-BHC	319-84-6	ppb	15	7	47	25	160	150	1,700	190	83	220	47	130	90	N/G/Ln	NP
Alpha-Chlordane	5103-71-9	ppb	15	3	20	41	680	63	1,700	250	--	260	--	140	150	--	--
Beta-BHC	319-85-7	ppb	15	0	0	--	--	63	8,400	--	--	--	--	--	--	--	--
Delta-BHC	319-86-8	ppb	15	2	13	46	90	63	8,400	450	--	1,100	--	130	90	--	--
Dieldrin	60-57-1	ppb	15	7	47	42	1,700	69	3,300	470	330	570	490	230	200	N/G/Ln	G/Ln
Endosulfan I	959-98-8	ppb	15	5	33	15	1,300	120	8,400	560	150	1,100	340	180	160	G/Ln	NP
Endosulfan II	33213-65-9	ppb	15	1	7	150	150	63	8,400	560	--	1,100	--	200	180	--	--
Endosulfan Sulfate	1031-07-8	ppb	15	0	0	--	--	63	8,400	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb	15	4	27	62	4,000	63	3,300	620	--	1,100	--	210	180	--	--
Endrin Aldehyde	7421-93-4	ppb	15	8	53	28	10,000	83	3,300	1,200	1,100	2,500	2,500	360	270	G/Ln	NP
Endrin Ketone	53494-70-5	ppb	15	3	20	270	620	63	8,400	580	--	1,100	--	210	180	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	15	1	7	180	180	63	1,700	220	--	230	--	140	150	--	--
Gamma-Chlordane	5566-34-7	ppb	15	6	40	38	4,800	63	1,700	530	420	1,200	1,200	170	140	G/Ln	NP
Heptachlor	76-44-8	ppb	15	6	40	29	440	120	1,700	200	98	230	110	130	97	G/Ln	NP
Heptachlor Epoxide	1024-57-3	ppb	15	6	40	20	440	69	1,700	190	81	240	130	94	85	NP	NP
Methoxychlor	72-43-5	ppb	15	1	7	140	140	120	17,000	1,600	--	2,700	--	530	650	--	--

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Total Alpha + Gamma Chlordane	No CAS	ppb	15	6	40	54	5,600	63	1,700	610	510	1,400	1,400	190	140	Ln	NP
Total DDT (4,4)	No CAS	ppb	15	9	60	19	12,000	83	3,300	2,500	2,400	4,000	4,000	570	460	G/Ln	Ln
Toxaphene	8001-35-2	ppb	15	0	0	--	--	2,600	340,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	ppb-TOC	15	1	7	4,100	4,100	5,800	8,400,000	320,000	--	1,100,000	--	31,000	29,000	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	15	0	0	--	--	28,000	40,000,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	15	8	53	11,000	21,000,000	5,800	180,000	1,600,000	1,610,000	5,400,000	5,200,000	56,000	29,000	G/Ln	Ln
2-Methylphenol	95-48-7	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	15	0	0	--	--	5,800	40,000,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	15	0	0	--	--	11,000	40,000,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb-TOC	15	0	0	--	--	11,000	40,000,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	15	0	0	--	--	17,000	40,000,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	4	0	0	--	--	5,800	58,000	--	--	--	--	--	--	--	--
4-Nitroaniline	100-01-6	ppb-TOC	15	0	0	--	--	11,000	40,000,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	15	0	0	--	--	17,000	40,000,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	15	9	60	1,700	16,000,000	5,800	180,000	1,300,000	1,260,000	4,100,000	3,950,000	65,000	85,000	G/Ln	NP
Acenaphthylene	208-96-8	ppb-TOC	15	9	60	2,200	15,000,000	5,800	180,000	1,000,000	1,040,000	3,900,000	3,730,000	36,000	31,000	Ln	NP
Anthracene	120-12-7	ppb-TOC	15	9	60	3,100	23,000,000	5,800	180,000	1,700,000	1,720,000	5,900,000	5,700,000	72,000	90,000	Ln	NP
Benzo(a)anthracene	56-55-3	ppb-TOC	15	11	73	7,500	20,000,000	5,800	23,000	1,500,000	1,520,000	5,100,000	4,950,000	67,000	98,000	Ln	Ln
Benzo(a)pyrene	50-32-8	ppb-TOC	15	10	67	11,000	18,000,000	5,800	180,000	1,300,000	1,350,000	4,600,000	4,460,000	71,000	90,000	Ln	G/Ln
Benzo(b)fluoranthene	205-99-2	ppb-TOC	15	10	67	12,000	11,000,000	5,800	180,000	890,000	880,000	2,800,000	2,710,000	67,000	90,000	Ln	Ln
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	15	9	60	5,100	7,600,000	5,800	180,000	580,000	580,000	1,900,000	1,880,000	46,000	81,000	Ln	NP
Benzo(k)fluoranthene	207-08-9	ppb-TOC	15	9	60	5,200	4,800,000	5,800	180,000	380,000	380,000	1,200,000	1,180,000	40,000	62,000	Ln	NP
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	15	4	27	3,600	380,000	11,000	8,400,000	350,000	--	1,100,000	--	41,000	48,000	--	--
Butyl benzyl phthalate	85-68-7	ppb-TOC	15	4	27	1,000	11,000	5,800	8,400,000	320,000	--	1,100,000	--	23,000	16,000	--	--
Carbazole	86-74-8	ppb-TOC	15	6	40	3,600	680,000	5,800	240,000	68,000	52,000	170,000	170,000	15,000	12,000	NP	NP

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Chrysene	218-01-9	ppb-TOC	15	10	67	6,100	18,000,000	5,800	58,000	1,400,000	1,380,000	4,600,000	4,450,000	68,000	90,000	Ln	G/Ln
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	15	9	60	1,400	2,000,000	5,800	180,000	160,000	160,000	510,000	490,000	22,000	29,000	Ln	Ln
Dibenzofuran	132-64-9	ppb-TOC	15	6	40	1,100	2,600,000	5,800	240,000	230,000	210,000	660,000	650,000	29,000	29,000	G/Ln	NP
Diethyl phthalate	84-66-2	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
Di-n-Octylphthalate	117-84-0	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	ppb-TOC	15	12	80	830	32,000,000	5,800	9,900	2,500,000	2,540,000	8,200,000	7,910,000	90,000	150,000	Ln	G/Ln
Fluorene	86-73-7	ppb-TOC	15	9	60	1,900	24,000,000	5,800	180,000	1,700,000	1,720,000	6,200,000	5,960,000	53,000	44,000	Ln	Ln
Hexachlorobenzene	118-74-1	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
Hexachlorobutadiene	87-68-3	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	13	0	0	--	--	17,000	40,000,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	15	9	60	4,700	5,600,000	5,800	180,000	440,000	430,000	1,400,000	1,380,000	41,000	67,000	Ln	NP
Isophorone	78-59-1	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb-TOC	15	10	67	2,200	60,000,000	5,800	58,000	4,300,000	4,270,000	15,000,000	14,900,000	69,000	47,000	Ln	G/Ln
Nitrobenzene	98-95-3	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
Pentachlorophenol	87-86-5	ppb-TOC	15	0	0	--	--	17,000	40,000,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb-TOC	15	11	73	1,000	12,000,000	5,800	58,000	8,400,000	8,430,000	31,000,000	29,830,000	84,000	46,000	Ln	G/Ln
Phenol	108-95-2	ppb-TOC	15	0	0	--	--	5,800	8,400,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb-TOC	15	12	80	1,000	48,000,000	5,800	9,900	3,500,000	3,530,000	12,000,000	11,900,000	95,000	170,000	Ln	G/Ln
Total HMW PAHs-SVOC	No CAS	ppb-TOC	15	12	80	1,900	17,000,000	5,800	9,900	13,000,000	12,910,000	44,000,000	42,050,000	280,000	730,000	Ln	G/Ln
Total LMW PAHs-SVOC	No CAS	ppb-TOC	15	11	73	1,000	28,000,000	5,800	58,000	20,000,000	20,080,000	72,000,000	69,500,000	180,000	260,000	Ln	G/Ln
TOTAL PAHs - SVOC	No CAS	ppb-TOC	15	12	80	2,900	44,000,000	5,800	9,900	32,000,000	32,310,000	11,000,000	109,000,000	430,000	1,500,000	Ln	G/Ln
TPH																	
Total Petroleum Hydrocarbons	TPH	ppb-TOC	4	4	100	2,200	5,900	--	--	4,200	4,200	1,500	1,500	4,000	4,400	--	--
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	ppb-TOC	15	5	33	270	640	270	180,000	6,500	360	23,000	130	560	360	N/G/Ln	Ln
2-Hexanone	591-78-6	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
Acetone	67-64-1	ppb-TOC	15	8	53	250	3,500	1,100	720,000	25,000	880	93,000	850	1,400	850	G/Ln	G/Ln
Benzene	71-43-2	ppb-TOC	15	5	33	63	720,000	250	3,000	48,000	48,000	190,000	180,000	400	220	NP	NP
Bromodichloromethane	75-27-4	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Carbon Disulfide	75-15-0	ppb-TOC	15	5	33	58	680	240	3,000	310	150	380	190	200	150	N/G/Ln	NP
Carbon Tetrachloride	56-23-5	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb-TOC	15	1	7	100	100	240	180,000	6,300	--	23,000	--	320	170	--	--
Chloroethane	75-00-3	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb-TOC	15	4	27	2,100	76,000	250	3,000	6,400	--	19,000	--	670	220	--	--
Methylene Chloride	75-09-2	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
Styrene	100-42-5	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb-TOC	15	5	33	67	3,600	250	3,000	580	430	920	860	300	190	G/Ln	NP
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb-TOC	15	0	0	--	--	240	180,000	--	--	--	--	--	--	--	--
Xylene (Total)	1330-20-7	ppb-TOC	15	5	33	540	13,000	250	8,900	2,600	2,400	3,800	3,600	1,000	650	N/G/Ln	NP
Subsurface (>3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb-TOC	6	0	0	--	--	970	18,000	--	--	--	--	--	--	--	--
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	6	0	0	--	--	970	18,000	--	--	--	--	--	--	--	--
2,4-D	94-75-7	ppb-TOC	6	0	0	--	--	3,800	42,000	--	--	--	--	--	--	--	--
2,4-DB	94-82-6	ppb-TOC	6	0	0	--	--	3,800	33,000	--	--	--	--	--	--	--	--
Organotins																	
Dibutyltin	1191-48-6	ppb-TOC	2	0	0	--	--	87	110	--	--	--	--	--	--	--	--
Monobutyltin	78763-54-9	ppb-TOC	1	0	0	--	--	110	110	--	--	--	--	--	--	--	--
Tetrabutyltin	1461-25-2	ppb-TOC	2	0	0	--	--	87	110	--	--	--	--	--	--	--	--
Tributyltin	688-73-3	ppb-TOC	2	0	0	--	--	87	110	--	--	--	--	--	--	--	--
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb-TOC	6	0	0	--	--	1,600	6,100	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb-TOC	6	0	0	--	--	1,600	6,100	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb-TOC	6	0	0	--	--	1,600	6,100	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb-TOC	6	0	0	--	--	1,600	6,100	--	--	--	--	--	--	--	--
Aroclor-1248	12672-29-6	ppb-TOC	6	0	0	--	--	1,600	6,100	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb-TOC	6	0	0	--	--	1,600	6,100	--	--	--	--	--	--	--	--
Aroclor-1260	11096-82-5	ppb-TOC	6	0	0	--	--	1,600	6,100	--	--	--	--	--	--	--	--
Aroclor-1262	37324-23-5	ppb-TOC	6	0	0	--	--	1,600	6,100	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb-TOC	6	0	0	--	--	1,600	6,100	--	--	--	--	--	--	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb-TOC	6	0	0	--	--	1,600	6,100	--	--	--	--	--	--	--	--
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb-TOC	6	0	0	--	--	1,600	6,100	--	--	--	--	--	--	--	--
Pesticides																	
4,4'-DDD	72-54-8	ppb	6	4	67	340	1,100	540	610	500	--	310	--	440	410	--	--
4,4'-DDE	72-55-9	ppb	5	3	60	71	290	540	610	220	--	100	--	190	270	--	--
4,4'-DDT	50-29-3	ppb	4	0	0	--	--	82	610	--	--	--	--	--	--	--	--

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Hackensack River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Aldrin	309-00-2	ppb	5	2	40	63	130	82	300	100	--	49	--	93	130	--	--
Alpha-BHC	319-84-6	ppb	4	1	25	160	160	82	300	120	--	55	--	110	150	--	--
Alpha-Chlordane	5103-71-9	ppb	4	0	0	--	--	82	300	--	--	--	--	--	--	--	--
Beta-BHC	319-85-7	ppb	4	0	0	--	--	82	300	--	--	--	--	--	--	--	--
Delta-BHC	319-86-8	ppb	4	0	0	--	--	82	300	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb	6	4	67	160	290	540	610	250	--	51	--	250	270	--	--
Endosulfan I	959-98-8	ppb	5	2	40	20	91	170	300	97	--	52	--	80	91	--	--
Endosulfan II	33213-65-9	ppb	4	0	0	--	--	82	610	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb	5	1	20	710	710	82	610	280	--	260	--	180	270	--	--
Endrin	72-20-8	ppb	5	2	40	140	170	170	610	190	--	91	--	180	170	--	--
Endrin Aldehyde	7421-93-4	ppb	5	3	60	480	560	540	610	420	--	130	--	410	480	--	--
Endrin Ketone	53494-70-5	ppb	6	3	50	76	890	82	610	380	--	340	--	230	290	--	--
Gamma-BHC (Lindane)	58-89-9	ppb	5	1	20	16	16	82	300	86	--	59	--	65	85	--	--
Gamma-Chlordane	5566-34-7	ppb	4	0	0	--	--	82	300	--	--	--	--	--	--	--	--
Heptachlor	76-44-8	ppb	5	1	20	70	70	82	300	97	--	47	--	87	85	--	--
Heptachlor Epoxide	1024-57-3	ppb	5	1	20	19	19	82	300	87	--	58	--	67	85	--	--
Methoxychlor	72-43-5	ppb	4	0	0	--	--	160	3,000	--	--	--	--	--	--	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb	4	0	0	--	--	82	300	--	--	--	--	--	--	--	--
Total DDT (4,4)	No CAS	ppb	6	4	67	410	1,100	540	610	590	--	340	--	520	540	--	--
Toxaphene	8001-35-2	ppb	4	0	0	--	--	3,300	30,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	6	0	0	--	--	44,000	7,700,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	6	4	67	180,000	650,000	9,000	10,000	300,000	--	290,000	--	90,000	250,000	--	--
2-Methylphenol	95-48-7	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	6	0	0	--	--	9,000	7,700,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	6	0	0	--	--	18,000	7,700,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb-TOC	6	0	0	--	--	18,000	7,700,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	6	0	0	--	--	26,000	7,700,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--

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Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	2	0	0	--	--	9,000	10,000	--	--	--	--	--	--	--	--
4-Nitroaniline	100-01-6	ppb-TOC	6	0	0	--	--	18,000	7,700,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	6	0	0	--	--	26,000	7,700,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	6	4	67	460,000	780,000	9,000	10,000	400,000	--	330,000	--	120,000	500,000	--	--
Acenaphthylene	208-96-8	ppb-TOC	6	4	67	64,000	74,000	9,000	10,000	46,000	--	32,000	--	28,000	65,000	--	--
Anthracene	120-12-7	ppb-TOC	6	4	67	540,000	960,000	9,000	10,000	470,000	--	390,000	--	130,000	580,000	--	--
Benzo(a)anthracene	56-55-3	ppb-TOC	6	4	67	410,000	670,000	9,000	10,000	350,000	--	280,000	--	110,000	440,000	--	--
Benzo(a)pyrene	50-32-8	ppb-TOC	6	4	67	280,000	440,000	9,000	10,000	240,000	--	190,000	--	83,000	300,000	--	--
Benzo(b)fluoranthene	205-99-2	ppb-TOC	6	4	67	330,000	520,000	9,000	10,000	280,000	--	220,000	--	93,000	350,000	--	--
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	6	4	67	150,000	210,000	9,000	10,000	120,000	--	91,000	--	52,000	150,000	--	--
Benzo(k)fluoranthene	207-08-9	ppb-TOC	6	4	67	120,000	180,000	9,000	10,000	100,000	--	76,000	--	47,000	130,000	--	--
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	6	0	0	--	--	18,000	850,000	--	--	--	--	--	--	--	--
Butyl benzyl phthalate	85-68-7	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb-TOC	6	4	67	62,000	82,000	9,000	10,000	52,000	--	38,000	--	30,000	70,000	--	--
Chrysene	218-01-9	ppb-TOC	6	4	67	380,000	590,000	9,000	10,000	310,000	--	250,000	--	100,000	400,000	--	--
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	6	4	67	46,000	63,000	9,000	10,000	37,000	--	26,000	--	24,000	47,000	--	--
Dibenzofuran	132-64-9	ppb-TOC	6	4	67	220,000	320,000	9,000	10,000	180,000	--	140,000	--	70,000	240,000	--	--
Diethyl phthalate	84-66-2	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
Di-n-Octylphthalate	117-84-0	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	ppb-TOC	6	4	67	1,000,000	2,000,000	9,000	10,000	930,000	--	790,000	--	210,000	1,100,000	--	--
Fluorene	86-73-7	ppb-TOC	6	4	67	440,000	590,000	9,000	10,000	340,000	--	270,000	--	110,000	450,000	--	--
Hexachlorobenzene	118-74-1	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
Hexachlorobutadiene	87-68-3	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	5	0	0	--	--	26,000	7,700,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	6	4	67	140,000	200,000	9,000	10,000	110,000	--	88,000	--	51,000	150,000	--	--
Isophorone	78-59-1	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb-TOC	6	4	67	340,000	11,000,000	9,000	10,000	3,700,000	--	4,400,000	--	370,000	2,800,000	--	--
Nitrobenzene	98-95-3	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
Pentachlorophenol	87-86-5	ppb-TOC	6	0	0	--	--	26,000	7,700,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb-TOC	6	4	67	1,400,000	2,400,000	9,000	10,000	1,200,000	--	1,000,000	--	250,000	1,600,000	--	--
Phenol	108-95-2	ppb-TOC	6	0	0	--	--	9,000	850,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb-TOC	6	4	67	670,000	1,200,000	9,000	10,000	580,000	--	480,000	--	150,000	720,000	--	--
Total HMW PAHs-SVOC	No CAS	ppb-TOC	6	4	67	3,600,000	5,900,000	9,000	10,000	3,100,000	--	2,500,000	--	460,000	3,900,000	--	--
Total LMW PAHs-SVOC	No CAS	ppb-TOC	6	4	67	5,200,000	15,000,000	9,000	10,000	6,600,000	--	6,000,000	--	740,000	7,300,000	--	--
TOTAL PAHs - SVOC	No CAS	ppb-TOC	6	4	67	11,000,000	18,000,000	9,000	10,000	9,500,000	--	7,700,000	--	980,000	13,000,000	--	--
TPH																	
Total Petroleum Hydrocarbons	TPH	ppb-TOC	2	2	100	1,700	2,000	--	--	1,900	1,900	210	210	1,800	1,900	--	--

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			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	540-59-0	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	ppb-TOC	6	4	67	440	700	690	760	500	--	140	--	480	490	--	--
2-Hexanone	591-78-6	ppb-TOC	6	0	0	--	--	380	760	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb-TOC	6	0	0	--	--	380	760	--	--	--	--	--	--	--	--
Acetone	67-64-1	ppb-TOC	6	6	100	740	1,500	--	--	1,100	1,100	280	280	1,000	1,000	--	--
Benzene	71-43-2	ppb-TOC	6	4	67	200	310	330	360	220	--	58	--	220	200	--	--
Bromodichloromethane	75-27-4	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb-TOC	6	2	33	77	91	380	710	190	--	100	--	170	200	--	--
Carbon Tetrachloride	56-23-5	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
Chloroethane	75-00-3	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb-TOC	6	3	50	1,200	2,800	330	440	1,000	--	1,100	--	570	710	--	--
Methylene Chloride	75-09-2	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
Styrene	100-42-5	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb-TOC	6	3	50	74	410	330	440	210	--	110	--	190	200	--	--
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb-TOC	6	0	0	--	--	330	710	--	--	--	--	--	--	--	--
Xylene (Total)	1330-20-7	ppb-TOC	6	4	67	480	3,300	330	360	1,300	--	1,300	--	720	840	--	--

Table D-13
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Hackensack River (Normalized)

Abbreviations:

-- not applicable due to frequency of detection
1/2 DL = half the detection limit (e.g., sample reporting limit)
Al = Aluminum
CARP = Contaminant Assessment and Reduction Program
CAS = Chemical Abstracts Service
Fe = Iron
FOD = frequency of detection (detects / total)
ft bss = feet below sediment surface
GM = geometric mean
GOF = goodness-of-fit
HMW = high molecular weight
KM = Kaplan-Meier
LMW = low molecular weight
Max = maximum
Min = minimum
NBSA = Newark Bay Study Area
ND = nondetect
NOAA = National Oceanic and Atmospheric Administration
PAH = polynuclear aromatic hydrocarbon
PCB = polycyclic aromatic hydrocarbon
ppb = parts per billiom
ppm = parts per milliom
ppt = parts per trillion
ROS = regression on ordered statistics
SD = standard deviation
SVOC = semivolatile organic compound
TOC = total organic carbon
TPH = total petroleum hydrocarbon

Notes:

[1] Total concentrations are based on the sum of detected observations; therefore statistics for totals are based on detected observations.

[2] KM and GOF statistics generated using USEPA ProUCL (v. 4.1.01) software (USEPA, 2011). Remaining statistics generated in MS Access 2010.

[3] When FOD = 100%, the KM statistics are equal to the arithmetic mean and standard deviation of the full dataset.

[4] KM statistics and GOF results only reported for constituents with at least 8 total observations and 5 distinct detected observations (USEPA, 2010).

[5] The GM is a parameter that specifically defines a lognormal distribution and is equal to the anti-log of the mean of the log-transformed values. GM is generally not descriptive of the central tendency for data that are not lognormally distributed.

[6] Distribution assessed by GOF tests at 95% confidence level (α = 0.05) using ProUCL 4.1.01 Left-censored data are evaluated with both detects only and ROS methods (USEPA, 2010).
Normal (N): dataset follows a normal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Gamma (G): dataset follows a gamma distribution, according to the Kolmogorov-Smirnov test.
Lognormal (Ln): dataset follows a lognormal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Nonparametric (NP): dataset does not follow any of the three distributions noted above.

[7] Level = data usability levels. For information about these levels and their applicability, please refer to Section 3 of the report.

[8] This table presents data for each of the 18 select chemicals (where available) identified for focused evaluation in Section 4.3

[9] Organic compounds are normalized to TOC and inorganic compounds are normalized to aluminum.

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	4	4	100	5,860	26,600	--	--	13,100	13,100	9,230	9,230	11,200	10,000	--	--
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	4	4	100	1,800	14,400	--	--	8,570	8,570	6,720	6,720	6,120	9,040	--	--
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	4	4	100	95.9	627	--	--	344	344	245	245	270	328	--	--
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	4	4	100	71.0	158	--	--	122	122	37.2	37.2	117	129	--	--
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	4	4	100	246	1,910	--	--	1,130	1,130	819	819	842	1,170	--	--
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	4	4	100	238	925	--	--	594	594	283	283	533	607	--	--
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	4	4	100	109	830	--	--	414	414	317	317	318	358	--	--
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	4	4	100	167	537	--	--	349	349	152	152	322	347	--	--
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	4	3	75	41.8	69.8	74.6	74.6	49.9	--	14.4	--	48.4	46.2	--	--
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	4	4	100	61.1	164	--	--	124	124	45.2	45.2	116	135	--	--
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	4	4	100	122	309	--	--	237	237	85.9	85.9	223	259	--	--
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	4	4	100	94.2	418	--	--	270	270	170	170	224	285	--	--
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	4	4	100	133	537	--	--	341	341	178	178	300	347	--	--
2,3,7,8-TCDD	1746-01-6	ppt-TOC	4	4	100	141	3,580	--	--	1,290	1,290	1,550	1,550	713	716	--	--
2,3,7,8-TCDF	51207-31-9	ppt-TOC	4	4	100	376	866	--	--	595	595	211	211	567	569	--	--
OCDD	3268-87-9	ppt-TOC	4	4	100	69,300	248,000	--	--	129,000	129,000	81,100	81,100	113,000	98,400	--	--
OCDF	39001-02-0	ppt-TOC	4	4	100	3,260	35,800	--	--	15,000	15,000	14,700	14,700	10,200	10,400	--	--
Total HpCDD	37871-00-4	ppt-TOC	4	4	100	13,900	56,700	--	--	30,100	30,100	18,500	18,500	26,400	25,000	--	--
Total HpCDF	38998-75-3	ppt-TOC	4	4	100	3,670	41,800	--	--	19,800	19,800	17,800	17,800	13,100	16,900	--	--
Total HxCDD	34465-46-8	ppt-TOC	4	4	100	2,510	8,360	--	--	5,880	5,880	2,440	2,440	5,380	6,320	--	--
Total HxCDF	55684-94-1	ppt-TOC	4	4	100	2,460	15,100	--	--	9,000	9,000	6,480	6,480	6,920	9,210	--	--
Total PeCDD	36088-22-9	ppt-TOC	4	4	100	908	2,240	--	--	1,540	1,540	582	582	1,450	1,500	--	--
Total PeCDF	30402-15-4	ppt-TOC	4	4	100	2,480	13,700	--	--	8,660	8,660	5,790	5,790	6,910	9,230	--	--
Total TCDD	41903-57-5	ppt-TOC	4	4	100	1,140	7,760	--	--	3,580	3,580	2,910	2,910	2,820	2,720	--	--
Total TCDF	55722-27-5	ppt-TOC	4	4	100	4,700	20,900	--	--	12,700	12,700	6,990	6,990	11,100	12,600	--	--
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	4	4	100	6,090	96,400	--	--	33,300	33,300	42,700	42,700	18,000	15,400	--	--
PCB-100	39485-83-1	ppt-TOC	3	3	100	3,730	9,510	--	--	7,160	7,160	3,040	3,040	6,640	8,240	--	--
PCB-103	60145-21-3	ppt-TOC	4	4	100	5,540	10,400	--	--	8,170	8,170	2,270	2,270	7,920	8,370	--	--
PCB-104	56558-16-8	ppt-TOC	4	2	50	355	589	149	1,490	441	--	292	--	328	472	--	--
PCB-105	32598-14-4	ppt-TOC	4	4	100	145,000	418,000	--	--	244,000	244,000	125,000	125,000	223,000	207,000	--	--
PCB-106/118	PCB-106/118	ppt-TOC	3	3	100	426,000	649,000	--	--	507,000	507,000	123,000	123,000	498,000	446,000	--	--
PCB-107/109	70424-68-9/7447	ppt-TOC	3	3	100	33,300	44,300	--	--	39,300	39,300	5,570	5,570	39,000	40,300	--	--
PCB-108/112	70362-41-3/7447	ppt-TOC	3	3	100	22,400	33,900	--	--	28,200	28,200	5,750	5,750	27,800	28,400	--	--
PCB-11	2050-67-1	ppt-TOC	4	4	100	35,000	537,000	--	--	230,000	230,000	216,000	216,000	154,000	175,000	--	--
PCB-110	38380-03-9	ppt-TOC	3	3	100	543,000	889,000	--	--	659,000	659,000	199,000	199,000	641,000	545,000	--	--
PCB-111/115	PCB-111/115	ppt-TOC	3	3	100	6,870	15,700	--	--	10,600	10,600	4,550	4,550	10,000	9,370	--	--
PCB-113	68194-10-5	ppt-TOC	3	3	100	939	4,890	--	--	2,740	2,740	2,000	2,000	2,220	2,390	--	--

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-114	74472-37-0	ppt-TOC	4	4	100	8,950	24,800	--	--	14,400	14,400	7,460	7,460	13,100	11,900	--	--
PCB-119	56558-17-9	ppt-TOC	3	3	100	15,100	18,400	--	--	16,200	16,200	1,880	1,880	16,200	15,200	--	--
PCB-12/13	PCB-12/13	ppt-TOC	4	4	100	19,700	251,000	--	--	108,000	108,000	105,000	105,000	69,600	80,400	--	--
PCB-120	68194-12-7	ppt-TOC	4	4	100	1,070	3,280	--	--	2,330	2,330	919	919	2,160	2,480	--	--
PCB-121	56558-18-0	ppt-TOC	4	0	0	--	--	209	1,490	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt-TOC	4	4	100	5,040	14,000	--	--	8,040	8,040	4,090	4,090	7,400	6,570	--	--
PCB-123	65510-44-3	ppt-TOC	4	4	100	7,760	15,800	--	--	10,800	10,800	3,830	3,830	10,300	9,820	--	--
PCB-124	70424-70-3	ppt-TOC	3	3	100	14,600	30,000	--	--	21,300	21,300	7,880	7,880	20,400	19,400	--	--
PCB-126	57465-28-8	ppt-TOC	4	3	75	2,350	4,060	2,180	2,180	2,660	--	1,260	--	2,390	2,740	--	--
PCB-127	39635-33-1	ppt-TOC	4	0	0	--	--	288	2,300	--	--	--	--	--	--	--	--
PCB-128/162	PCB-128/162	ppt-TOC	3	3	100	64,700	114,000	--	--	84,100	84,100	26,300	26,300	81,600	73,700	--	--
PCB-129	55215-18-4	ppt-TOC	3	3	100	14,200	32,700	--	--	23,700	23,700	9,260	9,260	22,400	24,300	--	--
PCB-130	52663-66-8	ppt-TOC	4	4	100	26,600	74,600	--	--	42,500	42,500	22,200	22,200	38,800	34,400	--	--
PCB-131	61798-70-7	ppt-TOC	4	1	25	14,600	14,600	288	1,490	4,000	--	7,070	--	938	620	--	--
PCB-132/161	38380-05-1/7447	ppt-TOC	3	3	100	107,000	201,000	--	--	141,000	141,000	51,900	51,900	136,000	116,000	--	--
PCB-133/142	PCB-133/142	ppt-TOC	3	3	100	13,500	22,000	--	--	16,500	16,500	4,770	4,770	16,100	14,000	--	--
PCB-134/143	PCB-134/143	ppt-TOC	4	4	100	22,400	65,700	--	--	37,500	37,500	20,300	20,300	33,800	31,000	--	--
PCB-135	52744-13-5	ppt-TOC	3	3	100	48,900	97,000	--	--	65,800	65,800	27,100	27,100	62,500	51,400	--	--
PCB-136	38411-22-2	ppt-TOC	4	4	100	45,300	128,000	--	--	80,700	80,700	41,500	41,500	72,600	74,700	--	--
PCB-137	35694-06-5	ppt-TOC	4	4	100	17,200	44,800	--	--	30,900	30,900	12,000	12,000	29,100	30,900	--	--
PCB-138/163/164	35065-28-2/7447	ppt-TOC	3	3	100	424,000	764,000	--	--	544,000	544,000	191,000	191,000	524,000	443,000	--	--
PCB-139/149	PCB-139/149	ppt-TOC	3	3	100	294,000	646,000	--	--	420,000	420,000	196,000	196,000	394,000	321,000	--	--
PCB-14	34883-41-5	ppt-TOC	4	0	0	--	--	288	1,980	--	--	--	--	--	--	--	--
PCB-140	59291-64-4	ppt-TOC	3	3	100	2,420	4,210	--	--	3,130	3,130	953	953	3,040	2,750	--	--
PCB-141	52712-04-6	ppt-TOC	4	4	100	57,900	194,000	--	--	117,000	117,000	64,400	64,400	103,000	107,000	--	--
PCB-144	68194-14-9	ppt-TOC	4	4	100	14,900	47,800	--	--	30,300	30,300	16,200	16,200	26,900	29,300	--	--
PCB-145	74472-40-5	ppt-TOC	4	2	50	218	395	149	288	208	--	138	--	174	181	--	--
PCB-146/165	51908-16-8/7447	ppt-TOC	3	3	100	58,200	111,000	--	--	81,000	81,000	27,100	27,100	78,100	73,700	--	--
PCB-147	68194-13-8	ppt-TOC	3	3	100	11,900	18,800	--	--	15,900	15,900	3,560	3,560	15,600	16,900	--	--
PCB-148	74472-41-6	ppt-TOC	4	4	100	900	2,600	--	--	1,690	1,690	790	790	1,550	1,640	--	--
PCB-15	2050-68-2	ppt-TOC	4	4	100	99,600	781,000	--	--	308,000	308,000	318,000	318,000	220,000	177,000	--	--
PCB-150	68194-08-1	ppt-TOC	4	4	100	1,410	3,600	--	--	2,220	2,220	977	977	2,070	1,930	--	--
PCB-151	52663-63-5	ppt-TOC	3	3	100	72,500	190,000	--	--	115,000	115,000	65,200	65,200	104,000	82,400	--	--
PCB-152	68194-09-2	ppt-TOC	4	4	100	601	1,040	--	--	838	838	181	181	822	855	--	--
PCB-153	35065-27-1	ppt-TOC	3	3	100	377,000	838,000	--	--	546,000	546,000	254,000	254,000	512,000	424,000	--	--
PCB-154	60145-22-4	ppt-TOC	4	4	100	6,620	20,100	--	--	13,000	13,000	5,620	5,620	12,100	12,700	--	--
PCB-155	33979-03-2	ppt-TOC	4	2	50	635	1,270	149	990	619	--	495	--	415	565	--	--
PCB-156	38380-08-4	ppt-TOC	3	3	100	39,200	71,200	--	--	53,300	53,300	16,300	16,300	51,700	49,400	--	--
PCB-157	69782-90-7	ppt-TOC	3	3	100	9,530	16,300	--	--	12,600	12,600	3,440	3,440	12,300	11,900	--	--
PCB-158/160	74472-42-7/4141	ppt-TOC	3	3	100	40,300	86,000	--	--	60,400	60,400	23,300	23,300	57,600	55,000	--	--
PCB-159	39635-35-3	ppt-TOC	4	1	25	11,600	11,600	288	1,490	3,250	--	5,570	--	886	620	--	--

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-16/32	PCB-16/32	ppt-TOC	3	3	100	123,000	331,000	--	--	224,000	224,000	104,000	104,000	207,000	219,000	--	--
PCB-166	41411-63-6	ppt-TOC	3	3	100	1,690	3,210	--	--	2,360	2,360	776	776	2,280	2,180	--	--
PCB-167	52663-72-6	ppt-TOC	4	4	100	17,600	44,800	--	--	27,700	27,700	12,500	12,500	25,800	24,200	--	--
PCB-168	59291-65-5	ppt-TOC	3	3	100	968	1,370	--	--	1,190	1,190	203	203	1,170	1,220	--	--
PCB-169	32774-16-6	ppt-TOC	4	0	0	--	--	242	2,990	--	--	--	--	--	--	--	--
PCB-17	37680-66-3	ppt-TOC	4	4	100	102,000	259,000	--	--	184,000	184,000	74,600	74,600	171,000	187,000	--	--
PCB-170	35065-30-6	ppt-TOC	4	4	100	78,100	257,000	--	--	154,000	154,000	85,900	85,900	136,000	140,000	--	--
PCB-171	52663-71-5	ppt-TOC	3	3	100	21,800	58,700	--	--	36,200	36,200	19,700	19,700	33,000	28,200	--	--
PCB-172	52663-74-8	ppt-TOC	4	4	100	13,400	47,800	--	--	28,300	28,300	16,400	16,400	24,700	26,100	--	--
PCB-173	68194-16-1	ppt-TOC	3	3	100	2,130	5,060	--	--	3,120	3,120	1,680	1,680	2,860	2,180	--	--
PCB-174	38411-25-5	ppt-TOC	4	4	100	82,500	299,000	--	--	186,000	186,000	111,000	111,000	160,000	182,000	--	--
PCB-175	40186-70-7	ppt-TOC	4	4	100	4,280	12,200	--	--	8,240	8,240	4,240	4,240	7,380	8,250	--	--
PCB-176	52663-65-7	ppt-TOC	4	4	100	11,200	41,800	--	--	26,400	26,400	15,700	15,700	22,600	26,300	--	--
PCB-177	52663-70-4	ppt-TOC	4	4	100	50,900	203,000	--	--	118,000	118,000	69,400	69,400	102,000	108,000	--	--
PCB-178	52663-67-9	ppt-TOC	4	4	100	18,500	65,700	--	--	43,900	43,900	24,400	24,400	38,200	45,700	--	--
PCB-179	52663-64-6	ppt-TOC	4	4	100	34,800	147,000	--	--	96,000	96,000	59,000	59,000	80,500	101,000	--	--
PCB-18	37680-65-2	ppt-TOC	3	3	100	141,000	410,000	--	--	312,000	312,000	148,000	148,000	281,000	384,000	--	--
PCB-180	35065-29-3	ppt-TOC	3	3	100	191,000	620,000	--	--	349,000	349,000	236,000	236,000	303,000	236,000	--	--
PCB-181	74472-47-2	ppt-TOC	4	4	100	781	2,460	--	--	1,510	1,510	701	701	1,390	1,400	--	--
PCB-182/187	PCB-182/187	ppt-TOC	3	3	100	119,000	461,000	--	--	250,000	250,000	184,000	184,000	211,000	171,000	--	--
PCB-183	52663-69-1	ppt-TOC	4	4	100	50,400	218,000	--	--	127,000	127,000	83,000	83,000	105,000	119,000	--	--
PCB-184	74472-48-3	ppt-TOC	4	2	50	294	622	149	1,490	434	--	306	--	317	458	--	--
PCB-185	52712-05-7	ppt-TOC	4	4	100	8,910	34,800	--	--	18,600	18,600	11,700	11,700	16,100	15,400	--	--
PCB-186	74472-49-4	ppt-TOC	4	0	0	--	--	149	1,490	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt-TOC	4	3	75	336	2,100	149	149	840	--	900	--	460	593	--	--
PCB-189	39635-31-9	ppt-TOC	4	4	100	3,630	9,550	--	--	6,080	6,080	2,880	2,880	5,570	5,560	--	--
PCB-19	38444-73-4	ppt-TOC	4	4	100	30,600	51,400	--	--	39,900	39,900	9,930	9,930	38,900	38,700	--	--
PCB-190	41411-64-7	ppt-TOC	4	4	100	17,200	53,700	--	--	33,800	33,800	18,100	18,100	30,000	32,200	--	--
PCB-191	74472-50-7	ppt-TOC	4	4	100	3,500	11,300	--	--	6,980	6,980	3,760	3,760	6,190	6,550	--	--
PCB-192	74472-51-8	ppt-TOC	4	0	0	--	--	288	1,490	--	--	--	--	--	--	--	--
PCB-193	69782-91-8	ppt-TOC	3	3	100	9,440	29,600	--	--	17,100	17,100	10,900	10,900	15,100	12,300	--	--
PCB-194	35694-08-7	ppt-TOC	4	4	100	44,300	203,000	--	--	125,000	125,000	82,000	82,000	102,000	127,000	--	--
PCB-195	52663-78-2	ppt-TOC	4	4	100	17,700	78,200	--	--	47,300	47,300	30,600	30,600	39,000	46,600	--	--
PCB-196/203	PCB-196/203	ppt-TOC	3	3	100	64,000	310,000	--	--	152,000	152,000	137,000	137,000	117,000	80,600	--	--
PCB-197	33091-17-7	ppt-TOC	4	4	100	1,840	8,820	--	--	5,140	5,140	3,260	3,260	4,280	4,950	--	--
PCB-198	68194-17-2	ppt-TOC	3	3	100	3,280	14,500	--	--	7,330	7,330	6,230	6,230	5,850	4,210	--	--
PCB-199	52663-75-9	ppt-TOC	4	4	100	35,800	341,000	--	--	133,000	133,000	141,000	141,000	91,700	77,300	--	--
PCB-2	2051-61-8	ppt-TOC	4	4	100	4,430	18,900	--	--	10,700	10,700	6,840	6,840	9,000	9,710	--	--
PCB-20/21/33	38444-84-7/5570	ppt-TOC	3	3	100	63,500	264,000	--	--	168,000	168,000	100,000	100,000	143,000	176,000	--	--
PCB-200	52663-73-7	ppt-TOC	3	3	100	6,690	32,400	--	--	16,000	16,000	14,300	14,300	12,400	8,880	--	--
PCB-201	40186-71-8	ppt-TOC	4	4	100	8,180	43,900	--	--	22,200	22,200	15,800	15,800	18,300	18,500	--	--

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-202	2136-99-4	ppt-TOC	4	4	100	13,700	120,000	--	--	62,000	62,000	47,800	47,800	45,900	57,100	--	--
PCB-204	74472-52-9	ppt-TOC	4	0	0	--	--	179	1,490	--	--	--	--	--	--	--	--
PCB-205	74472-53-0	ppt-TOC	4	4	100	1,930	8,960	--	--	5,530	5,530	3,690	3,690	4,490	5,620	--	--
PCB-206	40186-72-9	ppt-TOC	4	4	100	37,000	432,000	--	--	184,000	184,000	176,000	176,000	125,000	133,000	--	--
PCB-207	52663-79-3	ppt-TOC	4	4	100	3,890	40,200	--	--	18,800	18,800	16,300	16,300	13,200	15,600	--	--
PCB-208	52663-77-1	ppt-TOC	4	4	100	11,500	176,000	--	--	75,700	75,700	73,400	73,400	48,100	57,700	--	--
PCB-209	2051-24-3	ppt-TOC	4	4	100	19,400	568,000	--	--	240,000	240,000	250,000	250,000	124,000	186,000	--	--
PCB-22	38444-85-8	ppt-TOC	4	4	100	68,400	299,000	--	--	188,000	188,000	103,000	103,000	163,000	192,000	--	--
PCB-23	55720-44-0	ppt-TOC	4	2	50	356	655	627	990	455	--	154	--	436	426	--	--
PCB-24/27	PCB-24/27	ppt-TOC	3	3	100	30,400	76,600	--	--	46,500	46,500	26,100	26,100	42,300	32,600	--	--
PCB-25	55712-37-3	ppt-TOC	4	4	100	37,300	231,000	--	--	115,000	115,000	85,700	85,700	91,900	95,900	--	--
PCB-26	38444-81-4	ppt-TOC	3	3	100	59,400	325,000	--	--	163,000	163,000	142,000	142,000	126,000	104,000	--	--
PCB-28	7012-37-5	ppt-TOC	3	3	100	314,000	1,450,000	--	--	738,000	738,000	620,000	620,000	590,000	450,000	--	--
PCB-29	15862-07-4	ppt-TOC	3	3	100	696	2,160	--	--	1,440	1,440	732	732	1,300	1,450	--	--
PCB-3	2051-62-9	ppt-TOC	4	4	100	6,790	51,400	--	--	23,500	23,500	19,900	19,900	17,700	17,900	--	--
PCB-30	35693-92-6	ppt-TOC	3	1	33	344	344	990	1,490	528	--	203	--	502	495	--	--
PCB-31	16606-02-3	ppt-TOC	4	4	100	287,000	964,000	--	--	622,000	622,000	329,000	329,000	551,000	618,000	--	--
PCB-34	37680-68-5	ppt-TOC	4	4	100	1,720	9,240	--	--	4,710	4,710	3,330	3,330	3,880	3,940	--	--
PCB-35	37680-69-6	ppt-TOC	4	4	100	7,030	65,700	--	--	38,100	38,100	24,000	24,000	29,300	39,900	--	--
PCB-36	38444-87-0	ppt-TOC	4	2	50	675	2,820	657	990	1,080	--	1,170	--	746	585	--	--
PCB-37	38444-90-5	ppt-TOC	4	4	100	75,700	496,000	--	--	245,000	245,000	190,000	190,000	191,000	204,000	--	--
PCB-38	53555-66-1	ppt-TOC	4	3	75	2,010	6,620	716	716	3,550	--	2,880	--	2,230	3,620	--	--
PCB-39	38444-88-1	ppt-TOC	4	3	75	1,240	5,970	1,490	1,490	3,450	--	2,840	--	2,380	3,540	--	--
PCB-4/10	PCB-4/10	ppt-TOC	3	3	100	48,300	208,000	--	--	108,000	108,000	87,300	87,300	87,600	66,900	--	--
PCB-40	38444-93-8	ppt-TOC	3	3	100	16,200	79,700	--	--	46,000	46,000	31,900	31,900	37,900	42,100	--	--
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	3	3	100	150,000	349,000	--	--	257,000	257,000	100,000	100,000	243,000	273,000	--	--
PCB-42/59	36559-22-5/7447	ppt-TOC	3	3	100	92,700	178,000	--	--	136,000	136,000	42,700	42,700	131,000	137,000	--	--
PCB-43/49	PCB-43/49	ppt-TOC	3	3	100	372,000	590,000	--	--	454,000	454,000	119,000	119,000	444,000	399,000	--	--
PCB-44	41464-39-5	ppt-TOC	3	3	100	234,000	502,000	--	--	390,000	390,000	139,000	139,000	371,000	435,000	--	--
PCB-45	70362-45-7	ppt-TOC	4	4	100	21,300	143,000	--	--	75,000	75,000	50,400	50,400	61,100	67,800	--	--
PCB-46	41464-47-5	ppt-TOC	4	4	100	21,000	47,800	--	--	32,600	32,600	11,100	11,100	31,200	30,800	--	--
PCB-47	2437-79-8	ppt-TOC	3	3	100	134,000	282,000	--	--	223,000	223,000	78,400	78,400	212,000	253,000	--	--
PCB-48/75	70362-47-9/3259	ppt-TOC	3	3	100	39,900	80,600	--	--	65,900	65,900	22,600	22,600	62,800	77,100	--	--
PCB-5/8	PCB-5/8	ppt-TOC	3	3	100	88,200	367,000	--	--	236,000	236,000	140,000	140,000	202,000	253,000	--	--
PCB-50	62796-65-0	ppt-TOC	3	3	100	1,410	2,540	--	--	2,050	2,050	578	578	1,990	2,190	--	--
PCB-51	68194-04-7	ppt-TOC	4	4	100	21,700	143,000	--	--	63,600	63,600	54,300	54,300	49,700	44,800	--	--
PCB-52/69	35693-99-3/6023	ppt-TOC	3	3	100	336,000	653,000	--	--	517,000	517,000	163,000	163,000	497,000	561,000	--	--
PCB-53	41464-41-9	ppt-TOC	3	3	100	66,700	90,600	--	--	76,900	76,900	12,300	12,300	76,300	73,400	--	--
PCB-54	15968-05-5	ppt-TOC	4	4	100	959	2,820	--	--	1,980	1,980	772	772	1,850	2,080	--	--
PCB-55	74338-24-2	ppt-TOC	4	4	100	5,110	14,900	--	--	8,830	8,830	4,240	4,240	8,170	7,660	--	--
PCB-56/60	PCB-56/60	ppt-TOC	3	3	100	128,000	360,000	--	--	261,000	261,000	120,000	120,000	239,000	295,000	--	--

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-57	70424-67-8	ppt-TOC	4	3	75	2,470	7,230	687	687	3,420	--	2,880	--	2,170	3,050	--	--
PCB-58	41464-49-7	ppt-TOC	4	3	75	1,310	2,720	627	627	1,430	--	988	--	1,110	1,340	--	--
PCB-6	25569-80-6	ppt-TOC	4	4	100	15,400	124,000	--	--	59,700	59,700	46,000	46,000	46,500	49,800	--	--
PCB-61/70	PCB-61/70	ppt-TOC	3	3	100	307,000	658,000	--	--	521,000	521,000	188,000	188,000	494,000	598,000	--	--
PCB-62	54230-22-7	ppt-TOC	3	0	0	--	--	288	1,490	--	--	--	--	--	--	--	--
PCB-63	74472-34-7	ppt-TOC	4	4	100	18,200	50,700	--	--	30,900	30,900	14,900	14,900	28,400	27,400	--	--
PCB-65	33284-54-7	ppt-TOC	3	0	0	--	--	288	1,490	--	--	--	--	--	--	--	--
PCB-67	73575-53-8	ppt-TOC	4	4	100	8,830	32,800	--	--	20,500	20,500	11,000	11,000	18,000	20,100	--	--
PCB-68	73575-52-7	ppt-TOC	3	3	100	2,240	8,360	--	--	5,280	5,280	3,060	3,060	4,610	5,230	--	--
PCB-7/9	PCB-7/9	ppt-TOC	3	3	100	8,270	21,500	--	--	12,800	12,800	7,530	7,530	11,500	8,660	--	--
PCB-73	74338-23-1	ppt-TOC	4	0	0	--	--	209	1,490	--	--	--	--	--	--	--	--
PCB-74	32690-93-0	ppt-TOC	3	3	100	114,000	317,000	--	--	219,000	219,000	102,000	102,000	202,000	227,000	--	--
PCB-76/66	PCB-76/66	ppt-TOC	3	3	100	224,000	691,000	--	--	454,000	454,000	234,000	234,000	410,000	446,000	--	--
PCB-77	32598-13-3	ppt-TOC	4	4	100	29,000	173,000	--	--	107,000	107,000	59,300	59,300	89,400	113,000	--	--
PCB-78	70362-49-1	ppt-TOC	4	0	0	--	--	288	1,490	--	--	--	--	--	--	--	--
PCB-79	41464-48-6	ppt-TOC	4	3	75	5,010	17,300	1,490	1,490	7,250	--	7,070	--	4,430	5,480	--	--
PCB-80	33284-52-5	ppt-TOC	4	0	0	--	--	288	1,490	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt-TOC	4	4	100	1,400	3,320	--	--	2,320	2,320	840	840	2,210	2,290	--	--
PCB-82	52663-62-4	ppt-TOC	4	4	100	49,600	152,000	--	--	88,900	88,900	46,500	46,500	80,500	76,900	--	--
PCB-83	60145-20-2	ppt-TOC	3	1	33	299	299	990	1,490	513	--	224	--	480	495	--	--
PCB-84/92	52663-60-2/5266	ppt-TOC	3	3	100	176,000	313,000	--	--	233,000	233,000	71,200	71,200	227,000	211,000	--	--
PCB-85/116	PCB-85/116	ppt-TOC	3	3	100	65,000	116,000	--	--	86,400	86,400	26,500	26,500	83,800	78,100	--	--
PCB-86	55312-69-1	ppt-TOC	3	3	100	2,110	6,190	--	--	4,780	4,780	2,320	2,320	4,290	6,050	--	--
PCB-87/117/125	38380-02-8/6819	ppt-TOC	3	3	100	142,000	280,000	--	--	195,000	195,000	74,400	74,400	186,000	163,000	--	--
PCB-88/91	PCB-88/91	ppt-TOC	3	3	100	87,800	115,000	--	--	98,700	98,700	14,400	14,400	98,000	93,200	--	--
PCB-89	73575-57-2	ppt-TOC	4	4	100	3,450	16,700	--	--	8,960	8,960	5,620	5,620	7,690	7,850	--	--
PCB-90/101	PCB-90/101	ppt-TOC	3	3	100	478,000	819,000	--	--	595,000	595,000	194,000	194,000	576,000	487,000	--	--
PCB-93	73575-56-1	ppt-TOC	3	0	0	--	--	288	1,490	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt-TOC	4	4	100	3,350	7,130	--	--	5,190	5,190	1,550	1,550	5,010	5,150	--	--
PCB-95/98/102	38379-99-6/6023	ppt-TOC	3	3	100	294,000	609,000	--	--	418,000	418,000	168,000	168,000	397,000	350,000	--	--
PCB-96	73575-54-9	ppt-TOC	4	4	100	2,470	5,970	--	--	4,200	4,200	1,880	1,880	3,870	4,180	--	--
PCB-97	41464-51-1	ppt-TOC	3	3	100	140,000	228,000	--	--	173,000	173,000	48,200	48,200	169,000	150,000	--	--
PCB-99	38380-01-7	ppt-TOC	3	3	100	211,000	364,000	--	--	283,000	283,000	76,800	76,800	276,000	275,000	--	--
Total Congener PCBs (209)	No CAS	ppt-TOC	4	4	100	10,800,000	32,500,000	--	--	20,500,000	20,500,000	8,980,000	8,980,000	19,100,000	19,400,000	--	--
Total Congener PCBs (NOAA 1989)	No CAS	ppt-TOC	4	4	100	7,880,000	25,400,000	--	--	15,900,000	15,900,000	7,340,000	7,340,000	14,600,000	15,200,000	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	9	9	100	760	11,500	--	--	4,990	4,990	4,740	4,740	2,850	1,710	G	G
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	9	9	100	34.9	4,590	--	--	2,440	2,440	1,820	1,820	1,120	2,930	N	N
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	9	8	89	14.1	312	3.78	3.78	168	169	120	111	82.9	207	N/G	N

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	9	9	100	25.3	161	--	--	83.6	83.6	63.1	63.1	61.8	38.0	NP	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	9	9	100	10.2	758	--	--	422	422	301	301	221	514	N	N
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	9	9	100	41.9	725	--	--	292	292	295	295	151	62.9	NP	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	9	9	100	8.86	712	--	--	280	280	252	252	148	243	N/G/Ln	N/G/Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	9	9	100	45.9	438	--	--	202	202	172	172	136	88.6	G	G
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	9	5	56	25.3	81.9	5.81	30.0	32.0	39.3	29.1	21.8	20.1	25.3	N/G/Ln	N/Ln
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	9	9	100	17.3	148	--	--	72.8	72.8	57.3	57.3	51.8	29.7	NP	NP
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	9	9	100	6.05	305	--	--	201	201	127	127	122	275	NP	NP
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	9	9	100	8.00	245	--	--	127	127	86.2	86.2	85.3	127	N/G/Ln	N/G/Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	9	9	100	7.19	369	--	--	195	195	148	148	117	150	N/G/Ln	N/G/Ln
2,3,7,8-TCDD	1746-01-6	ppt-TOC	9	9	100	7.29	758	--	--	279	279	330	330	63.2	14.4	NP	NP
2,3,7,8-TCDF	51207-31-9	ppt-TOC	9	9	100	13.1	939	--	--	442	442	381	381	221	281	N/G/Ln	N/G/Ln
OCDD	3268-87-9	ppt-TOC	9	9	100	25,900	99,400	--	--	60,900	60,900	29,200	29,200	54,300	59,600	N/G/Ln	N/G/Ln
OCDF	39001-02-0	ppt-TOC	9	9	100	32.1	7,580	--	--	3,270	3,270	2,940	2,940	1,310	2,210	N/G/Ln	N/G/Ln
Total HpCDD	37871-00-4	ppt-TOC	9	9	100	2,080	26,400	--	--	12,400	12,400	10,600	10,600	8,000	6,350	G/Ln	G/Ln
Total HpCDF	38998-75-3	ppt-TOC	9	9	100	51.9	8,910	--	--	4,360	4,360	3,480	3,480	1,860	4,400	N/G	N/G
Total HxCDD	34465-46-8	ppt-TOC	9	9	100	1,010	8,130	--	--	3,810	3,810	2,950	2,950	2,790	2,140	N/G/Ln	N/G/Ln
Total HxCDF	55684-94-1	ppt-TOC	9	9	100	71.4	5,950	--	--	3,380	3,380	2,380	2,380	1,730	4,250	NP	NP
Total PeCDD	36088-22-9	ppt-TOC	9	9	100	343	2,550	--	--	1,230	1,230	896	896	936	625	Ln	Ln
Total PeCDF	30402-15-4	ppt-TOC	9	9	100	61.4	7,070	--	--	3,560	3,560	2,660	2,660	1,880	3,240	N/G	N/G
Total TCDD	41903-57-5	ppt-TOC	9	9	100	215	3,620	--	--	1,500	1,500	1,360	1,360	918	546	G/Ln	G/Ln
Total TCDF	55722-27-5	ppt-TOC	9	9	100	123	13,000	--	--	5,980	5,980	5,190	5,190	3,050	3,300	N/G/Ln	N/G/Ln
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	9	7	78	378	123,000	1,970	2,500	39,900	39,700	50,000	47,300	5,590	1,250	N/G	G
PCB-100	39485-83-1	ppt-TOC	9	4	44	3,890	8,970	667	2,500	3,670	--	3,830	--	1,790	1,250	--	--
PCB-103	60145-21-3	ppt-TOC	9	5	56	539	13,600	667	2,500	5,150	5,050	5,690	5,440	2,170	1,250	N/G	NP
PCB-104	56558-16-8	ppt-TOC	9	2	22	399	532	506	2,500	608	--	340	--	533	464	--	--
PCB-105	32598-14-4	ppt-TOC	9	9	100	1,120	201,000	--	--	85,400	85,400	92,200	92,200	20,900	19,600	G	G
PCB-106/118	PCB-106/118	ppt-TOC	9	9	100	2,700	589,000	--	--	249,000	249,000	272,000	272,000	58,000	50,600	G	G
PCB-107/109	70424-68-9/7447	ppt-TOC	9	6	67	2,930	54,400	667	2,500	21,400	22,100	23,700	21,700	6,340	3,150	N	N
PCB-108/112	70362-41-3/7447	ppt-TOC	9	6	67	2,210	39,900	667	2,500	15,700	16,100	17,200	15,800	5,130	2,230	N	N
PCB-11	2050-67-1	ppt-TOC	9	5	56	1,130	291,000	667	2,630	96,100	96,300	123,000	116,000	8,900	1,320	N/G	N/G
PCB-110	38380-03-9	ppt-TOC	9	9	100	4,240	789,000	--	--	328,000	328,000	362,000	362,000	74,000	60,200	G	G
PCB-111/115	PCB-111/115	ppt-TOC	9	6	67	903	12,400	667	2,500	4,330	4,350	4,400	4,130	2,280	1,250	N/G/Ln	N/Ln
PCB-113	68194-10-5	ppt-TOC	9	4	44	2,080	5,470	667	2,500	1,820	--	1,670	--	1,230	1,250	--	--
PCB-114	74472-37-0	ppt-TOC	9	5	56	1,000	11,900	362	1,250	4,850	5,130	5,210	4,660	1,730	1,000	NP	NP
PCB-119	56558-17-9	ppt-TOC	9	6	67	860	26,900	667	2,500	9,570	9,590	11,100	10,400	3,340	1,250	N/G	N/Ln
PCB-12/13	PCB-12/13	ppt-TOC	9	4	44	49,800	174,000	667	2,500	56,800	--	75,800	--	6,160	1,250	--	--
PCB-120	68194-12-7	ppt-TOC	9	4	44	1,300	3,320	667	2,500	1,490	--	1,160	--	1,090	1,250	--	--
PCB-121	56558-18-0	ppt-TOC	9	0	0	--	--	306	2,500	--	--	--	--	--	--	--	--

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-122	76842-07-4	ppt-TOC	9	4	44	5,650	8,040	667	2,500	3,380	--	3,270	--	1,750	1,250	--	--
PCB-123	65510-44-3	ppt-TOC	9	5	56	656	10,500	250	1,040	4,610	4,740	4,980	4,580	1,580	656	NP	NP
PCB-124	70424-70-3	ppt-TOC	9	6	67	2,180	23,200	667	2,500	9,010	9,460	9,230	8,290	3,970	2,440	N	N/Ln
PCB-126	57465-28-8	ppt-TOC	9	4	44	3,350	3,690	411	820	1,720	--	1,720	--	839	410	--	--
PCB-127	39635-33-1	ppt-TOC	9	0	0	--	--	306	2,500	--	--	--	--	--	--	--	--
PCB-128/162	PCB-128/162	ppt-TOC	9	8	89	654	91,100	1,970	1,970	37,300	37,200	40,200	37,900	10,200	8,850	G	G
PCB-129	55215-18-4	ppt-TOC	9	6	67	2,230	26,400	667	2,500	8,970	9,430	9,510	8,560	3,960	2,610	N/G/Ln	N/Ln
PCB-130	52663-66-8	ppt-TOC	9	6	67	3,200	39,200	667	2,500	16,800	17,600	17,900	16,100	5,850	3,960	NP	NP
PCB-131	61798-70-7	ppt-TOC	9	0	0	--	--	306	2,500	--	--	--	--	--	--	--	--
PCB-132/161	38380-05-1/7447	ppt-TOC	9	8	89	1,110	157,000	1,970	1,970	64,100	64,200	69,700	65,700	16,300	14,000	G	G
PCB-133/142	PCB-133/142	ppt-TOC	9	6	67	2,440	18,100	667	2,500	8,340	8,870	8,060	7,100	3,950	2,940	NP	NP
PCB-134/143	PCB-134/143	ppt-TOC	9	7	78	259	28,400	1,970	2,500	12,500	12,400	13,100	12,500	4,710	2,970	NP	NP
PCB-135	52744-13-5	ppt-TOC	9	7	78	802	74,900	1,970	2,500	32,300	32,200	33,700	31,900	10,500	9,190	NP	Ln
PCB-136	38411-22-2	ppt-TOC	9	7	78	840	68,300	1,970	2,500	29,600	29,500	30,600	28,900	10,100	8,970	G	Ln
PCB-137	35694-06-5	ppt-TOC	9	6	67	2,330	28,000	667	2,500	10,000	10,500	10,500	9,480	4,240	2,760	N	N/Ln
PCB-138/163/164	35065-28-2/7447	ppt-TOC	9	9	100	2,780	555,000	--	--	242,000	242,000	256,000	256,000	62,000	68,300	G	G
PCB-139/149	PCB-139/149	ppt-TOC	9	9	100	2,600	457,000	--	--	202,000	202,000	203,000	203,000	59,900	80,900	G	G
PCB-14	34883-41-5	ppt-TOC	9	0	0	--	--	306	2,500	--	--	--	--	--	--	--	--
PCB-140	59291-64-4	ppt-TOC	9	5	56	397	4,710	667	2,500	2,190	2,030	1,850	1,860	1,400	1,250	N	NP
PCB-141	52712-04-6	ppt-TOC	9	7	78	1,340	96,400	1,970	2,500	34,900	35,000	35,200	33,100	12,800	17,200	N/G/Ln	N/Ln
PCB-144	68194-14-9	ppt-TOC	9	7	78	526	26,600	1,970	2,500	10,400	10,200	9,880	9,450	5,090	5,170	N/G/Ln	N/Ln
PCB-145	74472-40-5	ppt-TOC	9	0	0	--	--	306	2,500	--	--	--	--	--	--	--	--
PCB-146/165	51908-16-8/7447	ppt-TOC	9	7	78	1,420	98,500	1,970	2,500	42,200	42,300	42,800	40,300	14,100	15,700	N/G	N/Ln
PCB-147	68194-13-8	ppt-TOC	9	5	56	1,260	17,800	667	2,500	7,640	7,840	8,090	7,450	3,040	1,260	NP	NP
PCB-148	74472-41-6	ppt-TOC	9	4	44	814	2,200	667	2,500	1,120	--	694	--	912	985	--	--
PCB-15	2050-68-2	ppt-TOC	9	7	78	2,300	1,080,000	2,200	2,500	344,000	344,000	469,000	442,000	27,300	3,980	N/G	N/G/Ln
PCB-150	68194-08-1	ppt-TOC	9	4	44	1,080	2,270	667	2,500	1,210	--	756	--	973	1,080	--	--
PCB-151	52663-63-5	ppt-TOC	9	7	78	4,420	123,000	1,970	2,500	59,800	60,500	51,500	47,700	22,600	44,600	N/G	N
PCB-152	68194-09-2	ppt-TOC	9	4	44	705	855	667	2,500	737	--	297	--	680	818	--	--
PCB-153	35065-27-1	ppt-TOC	9	9	100	2,840	535,000	--	--	263,000	263,000	235,000	235,000	85,800	173,000	G	G
PCB-154	60145-22-4	ppt-TOC	9	6	67	2,150	19,300	667	2,500	7,380	7,820	7,720	6,890	3,520	2,430	N/G/Ln	N/Ln
PCB-155	33979-03-2	ppt-TOC	9	4	44	870	1,770	667	2,500	1,020	--	555	--	871	985	--	--
PCB-156	38380-08-4	ppt-TOC	9	7	78	394	57,100	442	451	21,700	21,800	23,400	22,100	5,200	6,200	N/G/Ln	N/Ln
PCB-157	69782-90-7	ppt-TOC	9	6	67	1,020	13,400	346	489	5,330	5,600	5,740	5,160	1,780	1,180	N	N
PCB-158/160	74472-42-7/4141	ppt-TOC	9	7	78	536	65,600	1,970	2,500	24,900	24,700	26,400	25,000	8,360	7,120	N/G/Ln	N/Ln
PCB-159	39635-35-3	ppt-TOC	9	0	0	--	--	306	2,500	--	--	--	--	--	--	--	--
PCB-16/32	PCB-16/32	ppt-TOC	9	6	67	3,470	408,000	741	2,500	141,000	142,000	177,000	167,000	15,600	4,310	N/G	N/G
PCB-166	41411-63-6	ppt-TOC	9	4	44	1,450	2,320	667	2,500	1,180	--	688	--	967	1,250	--	--
PCB-167	52663-72-6	ppt-TOC	9	6	67	2,540	22,600	352	531	9,600	10,400	10,100	8,790	2,850	2,670	NP	NP
PCB-168	59291-65-5	ppt-TOC	9	4	44	815	1,490	667	2,500	882	--	408	--	784	985	--	--
PCB-169	32774-16-6	ppt-TOC	9	0	0	--	--	234	603	--	--	--	--	--	--	--	--

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-17	37680-66-3	ppt-TOC	9	6	67	1,890	338,000	667	2,500	114,000	114,000	146,000	137,000	12,200	2,430	N/G	N/G/Ln
PCB-170	35065-30-6	ppt-TOC	9	7	78	3,150	116,000	1,970	2,500	53,800	54,300	48,200	44,900	20,000	35,100	N/G	N
PCB-171	52663-71-5	ppt-TOC	9	6	67	11,200	34,900	970	2,500	17,500	20,900	15,400	11,000	7,640	11,300	G	NP
PCB-172	52663-74-8	ppt-TOC	9	7	78	1,250	19,900	1,970	2,500	12,800	12,800	8,770	8,230	7,370	18,000	NP	NP
PCB-173	68194-16-1	ppt-TOC	9	4	44	825	3,100	667	2,500	1,360	--	959	--	1,070	985	--	--
PCB-174	38411-25-5	ppt-TOC	9	8	89	852	150,000	2,500	2,500	87,700	87,600	63,100	59,600	34,700	113,000	NP	NP
PCB-175	40186-70-7	ppt-TOC	9	6	67	5,170	7,070	667	2,500	4,650	6,090	2,910	852	3,160	6,230	G	G
PCB-176	52663-65-7	ppt-TOC	9	7	78	1,600	20,100	1,970	2,500	12,000	12,100	8,190	7,570	7,210	15,800	NP	N
PCB-177	52663-70-4	ppt-TOC	9	7	78	5,730	93,400	1,970	2,500	51,300	52,300	38,700	35,100	21,900	56,200	N	N
PCB-178	52663-67-9	ppt-TOC	9	7	78	5,440	56,600	1,970	2,500	27,700	28,700	21,100	18,600	14,200	32,600	N/G	N
PCB-179	52663-64-6	ppt-TOC	9	7	78	12,300	107,000	1,970	2,500	55,000	57,500	40,800	35,200	24,700	66,100	N	N
PCB-18	37680-65-2	ppt-TOC	9	9	100	917	505,000	--	--	178,000	178,000	219,000	219,000	24,000	6,670	G	G
PCB-180	35065-29-3	ppt-TOC	9	9	100	1,210	519,000	--	--	245,000	245,000	194,000	194,000	85,800	268,000	N	N
PCB-181	74472-47-2	ppt-TOC	9	6	67	952	2,000	667	2,500	1,190	1,280	467	357	1,080	1,190	N/G/Ln	N/Ln
PCB-182/187	PCB-182/187	ppt-TOC	9	7	78	62,700	539,000	1,970	2,500	215,000	229,000	194,000	168,000	69,700	202,000	N/G/Ln	N/Ln
PCB-183	52663-69-1	ppt-TOC	9	7	78	12,800	127,000	1,970	2,500	63,200	65,800	47,700	41,500	27,300	73,800	N	N
PCB-184	74472-48-3	ppt-TOC	9	5	56	526	1,090	667	2,500	791	712	287	188	739	774	N/G/Ln	G/Ln
PCB-185	52712-05-7	ppt-TOC	9	7	78	4,110	34,700	1,970	2,500	13,700	14,400	12,700	11,400	7,930	11,400	N/G/Ln	N/Ln
PCB-186	74472-49-4	ppt-TOC	9	0	0	--	--	306	2,500	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt-TOC	9	6	67	575	1,250	667	2,500	938	922	301	236	878	996	N/G/Ln	N/Ln
PCB-189	39635-31-9	ppt-TOC	9	6	67	1,740	4,620	136	293	2,320	2,860	1,920	1,220	1,030	2,000	N/G/Ln	N
PCB-19	38444-73-4	ppt-TOC	9	5	56	390	63,400	667	2,500	21,700	21,500	27,100	25,700	4,070	1,250	N/G	NP
PCB-190	41411-64-7	ppt-TOC	9	7	78	1,620	25,500	1,970	2,500	13,700	13,800	9,910	9,200	7,820	15,100	N	N
PCB-191	74472-50-7	ppt-TOC	9	6	67	2,330	5,140	667	2,500	2,840	3,330	1,740	1,090	2,160	2,650	N/G/Ln	N/Ln
PCB-192	74472-51-8	ppt-TOC	9	0	0	--	--	306	2,500	--	--	--	--	--	--	--	--
PCB-193	69782-91-8	ppt-TOC	9	7	78	1,400	16,500	1,970	2,500	10,600	10,600	7,050	6,560	6,520	14,300	NP	NP
PCB-194	35694-08-7	ppt-TOC	9	7	78	52,800	413,000	1,970	2,500	130,000	141,000	160,000	143,000	41,000	70,000	NP	N/Ln
PCB-195	52663-78-2	ppt-TOC	9	7	78	10,200	78,900	1,970	2,500	31,600	33,600	28,600	24,800	15,600	29,100	N/G/Ln	N/Ln
PCB-196/203	PCB-196/203	ppt-TOC	9	7	78	73,900	861,000	1,970	2,500	236,000	253,000	335,000	305,000	57,300	98,200	NP	N/Ln
PCB-197	33091-17-7	ppt-TOC	9	7	78	1,200	13,200	1,970	2,500	4,880	4,900	4,750	4,470	3,260	3,420	G/Ln	Ln
PCB-198	68194-17-2	ppt-TOC	9	7	78	1,980	55,100	1,970	2,500	13,800	14,000	20,800	19,500	5,290	4,550	Ln	N/Ln
PCB-199	52663-75-9	ppt-TOC	9	7	78	80,300	1,090,000	1,970	2,500	286,000	303,000	421,000	386,000	62,900	106,000	NP	N/Ln
PCB-2	2051-61-8	ppt-TOC	9	9	100	1,870	28,700	--	--	11,200	11,200	11,400	11,400	6,490	3,420	NP	NP
PCB-20/21/33	38444-84-7/5570	ppt-TOC	9	7	78	870	297,000	1,970	2,500	104,000	104,000	129,000	121,000	14,800	3,720	N/G/Ln	N/G
PCB-200	52663-73-7	ppt-TOC	9	7	78	7,550	57,300	1,970	2,500	18,300	19,700	21,800	19,600	8,920	9,930	NP	N/Ln
PCB-201	40186-71-8	ppt-TOC	9	7	78	8,560	110,000	1,970	2,500	31,600	33,300	42,600	39,100	12,300	14,700	NP	N/Ln
PCB-202	2136-99-4	ppt-TOC	9	7	78	20,200	483,000	1,970	2,500	120,000	124,000	190,000	177,000	27,500	37,100	NP	N/Ln
PCB-204	74472-52-9	ppt-TOC	9	2	22	2,080	2,090	306	2,500	1,000	--	694	--	770	850	--	--
PCB-205	74472-53-0	ppt-TOC	9	7	78	1,210	17,200	1,970	2,500	5,450	5,470	6,350	5,970	3,230	3,180	Ln	Ln
PCB-206	40186-72-9	ppt-TOC	9	8	89	819	1,560,000	2,500	2,500	374,000	374,000	619,000	583,000	60,900	93,200	G/Ln	Ln
PCB-207	52663-79-3	ppt-TOC	9	7	78	5,710	105,000	1,970	2,500	27,200	28,200	41,700	38,700	9,140	8,740	NP	N/Ln

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-208	52663-77-1	ppt-TOC	9	7	78	16,000	679,000	1,970	2,500	159,000	162,000	273,000	256,000	27,700	33,900	NP	N/Ln
PCB-209	2051-24-3	ppt-TOC	9	7	78	12,000	807,000	1,970	2,500	205,000	207,000	322,000	302,000	39,200	76,800	G/Ln	N/Ln
PCB-22	38444-85-8	ppt-TOC	9	7	78	560	320,000	1,970	2,500	105,000	105,000	133,000	126,000	13,800	3,370	N/G/Ln	N/G
PCB-23	55720-44-0	ppt-TOC	9	4	44	502	939	667	2,500	683	--	310	--	625	590	--	--
PCB-24/27	PCB-24/27	ppt-TOC	9	6	67	320	92,400	667	2,500	31,600	31,400	40,600	38,400	4,670	1,250	N/G	G
PCB-25	55712-37-3	ppt-TOC	9	6	67	550	292,000	667	2,500	93,600	93,500	125,000	118,000	8,180	1,250	N/G	G
PCB-26	38444-81-4	ppt-TOC	9	6	67	1,340	378,000	667	2,500	125,000	126,000	168,000	159,000	11,200	1,380	N/G	N/G/Ln
PCB-28	7012-37-5	ppt-TOC	9	9	100	1,450	1,930,000	--	--	588,000	588,000	784,000	784,000	55,700	12,200	G/Ln	G/Ln
PCB-29	15862-07-4	ppt-TOC	9	4	44	1,500	3,180	667	2,500	1,540	--	1,160	--	1,130	1,250	--	--
PCB-3	2051-62-9	ppt-TOC	9	7	78	1,020	65,800	1,970	2,500	26,800	26,900	30,800	29,000	6,950	1,830	G	G
PCB-30	35693-92-6	ppt-TOC	9	3	33	324	552	667	2,500	631	--	324	--	567	523	--	--
PCB-31	16606-02-3	ppt-TOC	9	9	100	1,460	1,260,000	--	--	429,000	429,000	556,000	556,000	43,700	8,860	NP	NP
PCB-34	37680-68-5	ppt-TOC	9	4	44	2,740	11,000	667	2,500	3,870	--	4,420	--	1,780	1,250	--	--
PCB-35	37680-69-6	ppt-TOC	9	4	44	14,900	51,900	667	2,500	17,800	--	22,800	--	3,670	1,250	--	--
PCB-36	38444-87-0	ppt-TOC	9	3	33	2,790	3,530	667	2,500	1,500	--	1,230	--	1,070	985	--	--
PCB-37	38444-90-5	ppt-TOC	9	6	67	2,540	580,000	667	2,500	200,000	201,000	262,000	247,000	16,400	2,970	N/G	N/G
PCB-38	53555-66-1	ppt-TOC	9	4	44	4,250	6,740	667	2,500	2,800	--	2,620	--	1,590	1,250	--	--
PCB-39	38444-88-1	ppt-TOC	9	4	44	1,550	7,230	667	2,500	2,780	--	2,980	--	1,480	1,250	--	--
PCB-4/10	PCB-4/10	ppt-TOC	9	4	44	57,100	255,000	667	2,500	81,200	--	111,000	--	7,110	1,250	--	--
PCB-40	38444-93-8	ppt-TOC	9	6	67	1,220	49,800	667	2,500	15,200	15,400	20,100	18,800	4,140	1,260	N/G/Ln	N/Ln
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	8	8	100	600	353,000	--	--	113,000	113,000	152,000	152,000	17,400	8,210	G/Ln	G/Ln
PCB-42/59	36559-22-5/7447	ppt-TOC	9	8	89	898	266,000	667	667	91,400	91,400	111,000	105,000	12,400	4,040	G	N/G/Ln
PCB-43/49	PCB-43/49	ppt-TOC	9	9	100	1,320	798,000	--	--	284,000	284,000	342,000	342,000	41,100	15,200	G/Ln	G/Ln
PCB-44	41464-39-5	ppt-TOC	9	9	100	1,630	613,000	--	--	221,000	221,000	259,000	259,000	38,400	20,200	G	G
PCB-45	70362-45-7	ppt-TOC	9	6	67	1,980	85,500	667	2,500	31,000	31,400	36,400	34,000	6,920	2,250	N/G	N/G
PCB-46	41464-47-5	ppt-TOC	9	6	67	795	37,500	667	2,500	14,300	14,300	16,300	15,400	4,090	1,250	N	N/G
PCB-47	2437-79-8	ppt-TOC	9	8	89	1,080	387,000	667	667	132,000	133,000	165,000	155,000	15,400	4,310	G	N/G/Ln
PCB-48/75	70362-47-9/3259	ppt-TOC	9	6	67	2,620	131,000	667	2,500	46,200	46,800	55,400	51,700	8,880	3,300	N/G	N/G
PCB-5/8	PCB-5/8	ppt-TOC	9	6	67	1,050	452,000	667	2,500	149,000	149,000	196,000	185,000	11,800	1,250	N/G	N/G/Ln
PCB-50	62796-65-0	ppt-TOC	9	4	44	1,320	3,290	667	2,500	1,470	--	1,110	--	1,090	1,250	--	--
PCB-51	68194-04-7	ppt-TOC	9	6	67	649	45,600	667	2,500	17,300	17,200	20,100	19,000	4,160	1,250	N	G
PCB-52/69	35693-99-3/6023	ppt-TOC	9	9	100	2,910	734,000	--	--	282,000	282,000	314,000	314,000	69,100	53,300	G/Ln	G/Ln
PCB-53	41464-41-9	ppt-TOC	9	7	78	700	109,000	667	2,500	41,100	41,100	48,200	45,400	7,720	2,540	N/G	N/G/Ln
PCB-54	15968-05-5	ppt-TOC	9	4	44	1,730	2,490	667	2,500	1,290	--	797	--	1,030	1,250	--	--
PCB-55	74338-24-2	ppt-TOC	9	5	56	308	11,200	667	2,500	4,530	4,330	4,700	4,600	1,960	1,250	N	NP
PCB-56/60	PCB-56/60	ppt-TOC	9	9	100	954	489,000	--	--	177,000	177,000	212,000	212,000	28,000	12,100	G/Ln	G/Ln
PCB-57	70424-67-8	ppt-TOC	9	4	44	3,760	10,100	667	2,500	3,770	--	4,060	--	1,800	1,250	--	--
PCB-58	41464-49-7	ppt-TOC	9	4	44	1,560	6,040	667	2,500	2,210	--	2,170	--	1,340	1,250	--	--
PCB-6	25569-80-6	ppt-TOC	9	4	44	38,100	160,000	667	2,500	51,200	--	68,700	--	5,820	1,250	--	--
PCB-61/70	PCB-61/70	ppt-TOC	9	9	100	2,290	870,000	--	--	322,000	322,000	378,000	378,000	55,500	28,500	G	G
PCB-62	54230-22-7	ppt-TOC	9	0	0	--	--	306	2,500	--	--	--	--	--	--	--	--

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-63	74472-34-7	ppt-TOC	9	6	67	632	46,800	667	2,500	16,700	16,600	20,000	18,900	4,100	1,250	N/G	N/G
PCB-65	33284-54-7	ppt-TOC	9	0	0	--	--	306	2,500	--	--	--	--	--	--	--	--
PCB-67	73575-53-8	ppt-TOC	9	6	67	362	37,800	667	2,500	13,200	13,000	15,900	15,100	3,250	1,250	N/G	NP
PCB-68	73575-52-7	ppt-TOC	8	3	38	2,300	5,530	667	2,500	1,920	--	1,930	--	1,190	1,120	--	--
PCB-7/9	PCB-7/9	ppt-TOC	9	4	44	14,000	25,600	667	2,500	9,700	--	11,200	--	2,870	1,250	--	--
PCB-73	74338-23-1	ppt-TOC	9	0	0	--	--	306	2,500	--	--	--	--	--	--	--	--
PCB-74	32690-93-0	ppt-TOC	9	9	100	944	426,000	--	--	152,000	152,000	182,000	182,000	23,100	11,000	G	G
PCB-76/66	PCB-76/66	ppt-TOC	9	9	100	1,430	982,000	--	--	334,000	334,000	413,000	413,000	46,400	19,700	G/Ln	G/Ln
PCB-77	32598-13-3	ppt-TOC	9	6	67	1,270	139,000	259	510	50,100	50,500	63,400	59,500	5,000	1,810	N/G	N/G
PCB-78	70362-49-1	ppt-TOC	9	0	0	--	--	306	2,500	--	--	--	--	--	--	--	--
PCB-79	41464-48-6	ppt-TOC	9	6	67	601	9,150	667	2,500	3,930	3,850	3,840	3,680	2,040	1,250	N	NP
PCB-80	33284-52-5	ppt-TOC	9	0	0	--	--	306	2,500	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt-TOC	9	5	56	555	3,890	253	707	1,400	1,540	1,390	1,180	742	555	N/G/Ln	N
PCB-82	52663-62-4	ppt-TOC	9	7	78	454	77,300	1,970	2,500	32,700	32,600	35,700	33,800	9,150	6,160	NP	G
PCB-83	60145-20-2	ppt-TOC	9	2	22	502	513	306	2,500	606	--	350	--	515	502	--	--
PCB-84/92	52663-60-2/5266	ppt-TOC	9	9	100	1,660	281,000	--	--	115,000	115,000	126,000	126,000	27,700	23,400	G	G
PCB-85/116	PCB-85/116	ppt-TOC	9	7	78	558	112,000	1,970	2,500	46,200	46,100	51,200	48,400	11,400	7,730	NP	NP
PCB-86	55312-69-1	ppt-TOC	9	4	44	1,930	3,230	667	2,500	1,590	--	1,160	--	1,160	1,250	--	--
PCB-87/117/125	38380-02-8/6819	ppt-TOC	9	8	89	1,070	226,000	1,970	1,970	84,100	84,100	92,300	87,000	20,400	20,100	N/G/Ln	N/G/Ln
PCB-88/91	PCB-88/91	ppt-TOC	9	7	78	646	130,000	1,970	2,500	50,900	50,800	57,700	54,500	11,800	6,810	N/G/Ln	G
PCB-89	73575-57-2	ppt-TOC	9	6	67	471	9,270	667	2,500	3,750	3,640	3,670	3,550	1,910	1,250	N	NP
PCB-90/101	PCB-90/101	ppt-TOC	9	9	100	3,230	622,000	--	--	272,000	272,000	295,000	295,000	66,000	60,200	G	G
PCB-93	73575-56-1	ppt-TOC	9	0	0	--	--	306	2,500	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt-TOC	9	4	44	4,330	7,070	667	2,500	3,020	--	2,880	--	1,650	1,250	--	--
PCB-95/98/102	38379-99-6/6023	ppt-TOC	9	9	100	2,260	477,000	--	--	198,000	198,000	216,000	216,000	46,300	42,000	G	G
PCB-96	73575-54-9	ppt-TOC	9	4	44	2,440	3,170	667	2,500	1,620	--	1,170	--	1,180	1,250	--	--
PCB-97	41464-51-1	ppt-TOC	9	7	78	1,230	203,000	1,970	2,500	85,600	85,600	94,400	89,000	19,200	15,700	NP	NP
PCB-99	38380-01-7	ppt-TOC	9	9	100	1,220	372,000	--	--	148,000	148,000	164,000	164,000	31,600	27,200	G	G
Total Congener PCBs (209)	No CAS	ppt-TOC	9	9	100	64,300	24,300,000	--	--	10,900,000	10,900,000	9,500,000	9,500,000	3,160,000	9,120,000	N/G	N/G
Total Congener PCBs (NOAA 1989)	No CAS	ppt-TOC	9	9	100	57,100	17,400,000	--	--	8,150,000	8,150,000	6,750,000	6,750,000	2,560,000	8,070,000	N	N
Subsurface (>3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	21	21	100	707	25,900	--	--	8,090	8,090	9,410	9,410	3,320	1,490	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	21	18	86	16.2	11,100	13.1	17.5	3,340	3,340	4,230	4,130	413	431	NP	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	21	15	71	10.6	678	6.10	7.51	199	201	241	234	47.4	50.2	NP	NP
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	21	21	100	24.2	230	--	--	97.4	97.4	88.4	88.4	62.8	36.2	NP	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	21	16	76	6.59	1,850	5.47	7.26	551	552	676	659	94.4	117	NP	NP
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	21	21	100	36.3	1,610	--	--	499	499	617	617	166	58.4	NP	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	21	17	81	6.53	562	6.11	7.96	212	212	234	228	61.3	73.9	NP	NP
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	21	21	100	44.2	828	--	--	287	287	298	298	155	86.7	NP	NP

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	21	12	57	12.4	64.3	3.88	30.2	24.4	27.7	20.1	16.4	14.2	26.5	N/G/Ln	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	21	20	95	16.2	370	23.9	23.9	109	109	120	117	54.3	27.2	NP	NP
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	21	15	71	18.9	525	5.04	13.3	187	191	197	188	62.1	91.7	NP	NP
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	21	16	76	7.01	371	6.77	9.79	139	140	144	140	50.4	67.1	NP	NP
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	21	16	76	8.16	588	9.62	14.1	206	206	223	218	69.4	79.8	NP	NP
2,3,7,8-TCDD	1746-01-6	ppt-TOC	21	17	81	5.44	10,800	5.43	19.9	1,710	1,710	3,070	3,000	75.1	10.1	NP	G
2,3,7,8-TCDF	51207-31-9	ppt-TOC	21	17	81	7.47	1,300	8.91	15.7	336	337	392	382	97.3	132	G/Ln	N
OCDD	3268-87-9	ppt-TOC	21	21	100	17,000	247,000	--	--	91,900	91,900	77,900	77,900	64,900	48,600	NP	NP
OCDF	39001-02-0	ppt-TOC	21	17	81	18.5	23,600	24.6	36.9	6,640	6,640	8,820	8,600	634	603	G	NP
Total HpCDD	37871-00-4	ppt-TOC	21	21	100	1,880	55,300	--	--	18,500	18,500	19,500	19,500	9,550	5,530	NP	NP
Total HpCDF	38998-75-3	ppt-TOC	21	18	86	16.2	24,500	14.0	18.3	6,910	6,910	9,070	8,850	630	633	NP	NP
Total HxCDD	34465-46-8	ppt-TOC	21	21	100	1,040	13,800	--	--	5,170	5,170	4,760	4,760	3,310	2,250	NP	NP
Total HxCDF	55684-94-1	ppt-TOC	21	21	100	5.70	12,100	--	--	3,970	3,970	4,850	4,850	568	832	NP	NP
Total PeCDD	36088-22-9	ppt-TOC	21	21	100	298	3,200	--	--	1,300	1,300	1,130	1,130	881	586	NP	NP
Total PeCDF	30402-15-4	ppt-TOC	21	20	95	9.87	32,600	33.2	33.2	6,740	6,740	9,530	9,300	872	1,280	G	G
Total TCDD	41903-57-5	ppt-TOC	21	21	100	156	13,600	--	--	2,880	2,880	3,970	3,970	919	447	NP	NP
Total TCDF	55722-27-5	ppt-TOC	21	21	100	35.8	69,000	--	--	13,600	13,600	20,200	20,200	1,890	2,260	G	G
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	21	12	57	292	278,000	177	3,450	49,600	49,400	82,000	80,200	3,750	1,230	NP	NP
PCB-100	39485-83-1	ppt-TOC	21	8	38	6,850	15,500	177	3,450	4,880	8,650	5,670	2,860	1,770	1,230	N/G/Ln	NP
PCB-103	60145-21-3	ppt-TOC	21	8	38	12,600	26,900	177	3,450	8,230	15,600	10,100	4,600	2,210	1,230	N/G/Ln	NP
PCB-104	56558-16-8	ppt-TOC	21	3	14	543	1,240	177	3,450	851	--	463	--	684	860	--	--
PCB-105	32598-14-4	ppt-TOC	21	8	38	202,000	1,170,000	54.4	1,890	243,000	368,000	378,000	292,000	3,320	413	N/G/Ln	NP
PCB-106/118	PCB-106/118	ppt-TOC	21	16	76	132	2,810,000	220	1,890	609,000	609,000	907,000	886,000	9,170	945	NP	G
PCB-107/109	70424-68-9/7447	ppt-TOC	21	8	38	65,400	201,000	177	3,450	48,000	88,000	68,100	40,200	4,320	1,230	N/G/Ln	NP
PCB-108/112	70362-41-3/7447	ppt-TOC	21	8	38	46,700	192,000	177	3,450	41,000	69,400	59,900	40,400	4,020	1,230	N/G/Ln	NP
PCB-11	2050-67-1	ppt-TOC	21	9	43	710	1,570,000	254	3,450	318,000	318,000	506,000	494,000	9,140	1,230	N	NP
PCB-110	38380-03-9	ppt-TOC	21	15	71	218	4,160,000	1,210	2,560	865,000	865,000	1,300,000	1,270,000	13,900	1,230	NP	NP
PCB-111/115	PCB-111/115	ppt-TOC	21	8	38	9,370	79,200	177	3,450	15,000	20,300	23,300	19,600	2,610	1,230	N/G/Ln	NP
PCB-113	68194-10-5	ppt-TOC	21	8	38	4,550	16,000	177	3,450	4,420	6,770	5,490	3,840	1,660	1,230	N/G/Ln	NP
PCB-114	74472-37-0	ppt-TOC	21	8	38	10,200	80,700	72.3	1,890	16,300	22,500	26,000	21,700	1,220	410	N/G/Ln	NP
PCB-119	56558-17-9	ppt-TOC	21	8	38	31,300	67,500	177	3,450	18,300	37,200	24,100	10,600	3,020	1,230	N/G/Ln	NP
PCB-12/13	PCB-12/13	ppt-TOC	21	8	38	64,300	377,000	177	3,450	71,000	110,000	112,000	85,900	4,850	1,230	N/G/Ln	NP
PCB-120	68194-12-7	ppt-TOC	21	8	38	3,670	29,900	177	3,450	4,770	6,570	7,150	6,010	1,650	1,230	G/Ln	NP
PCB-121	56558-18-0	ppt-TOC	21	0	0	--	--	177	3,860	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt-TOC	21	8	38	6,870	42,700	177	3,450	9,580	13,400	14,200	11,600	2,190	1,230	N/G/Ln	NP
PCB-123	65510-44-3	ppt-TOC	21	8	38	11,400	59,300	66.5	1,890	12,500	19,400	18,700	13,900	1,160	530	N/G/Ln	NP
PCB-124	70424-70-3	ppt-TOC	21	8	38	19,200	126,000	177	3,450	26,000	37,400	40,000	32,000	3,260	1,230	N/G/Ln	NP
PCB-126	57465-28-8	ppt-TOC	21	8	38	3,770	16,200	82.3	1,890	3,920	6,080	5,520	4,020	780	494	N/G/Ln	NP
PCB-127	39635-33-1	ppt-TOC	21	0	0	--	--	177	3,860	--	--	--	--	--	--	--	--

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-128/162	PCB-128/162	ppt-TOC	21	8	38	96,100	382,000	177	3,450	86,800	146,000	127,000	86,000	5,360	1,230	N/G/Ln	NP
PCB-129	55215-18-4	ppt-TOC	21	8	38	19,900	130,000	177	3,450	27,300	39,200	42,100	33,800	3,320	1,230	N/G/Ln	NP
PCB-130	52663-66-8	ppt-TOC	21	8	38	46,100	175,000	177	3,450	38,700	66,700	55,600	36,000	3,960	1,230	N/G/Ln	NP
PCB-131	61798-70-7	ppt-TOC	21	1	5	1,090	1,090	177	3,860	866	--	497	--	689	860	--	--
PCB-132/161	38380-05-1/7447	ppt-TOC	21	8	38	173,000	775,000	177	3,450	168,000	275,000	252,000	178,000	6,870	1,230	N/G/Ln	NP
PCB-133/142	PCB-133/142	ppt-TOC	21	8	38	22,000	76,600	177	3,450	18,100	31,300	25,300	16,200	2,950	1,230	N/G/Ln	NP
PCB-134/143	PCB-134/143	ppt-TOC	21	8	38	35,800	150,000	177	3,450	32,300	53,900	47,400	32,600	3,660	1,230	N/G/Ln	NP
PCB-135	52744-13-5	ppt-TOC	21	8	38	93,100	355,000	177	3,450	80,500	138,000	118,000	78,700	5,220	1,230	N/G/Ln	NP
PCB-136	38411-22-2	ppt-TOC	21	8	38	89,200	400,000	177	3,450	83,200	138,000	125,000	87,600	5,240	1,230	N/G/Ln	NP
PCB-137	35694-06-5	ppt-TOC	21	8	38	23,300	126,000	177	3,450	27,600	41,500	41,700	32,100	3,370	1,230	N/G/Ln	NP
PCB-138/163/164	35065-28-2/7447	ppt-TOC	21	12	57	229	2,670,000	177	2,560	581,000	581,000	865,000	844,000	11,700	1,230	N	NP
PCB-139/149	PCB-139/149	ppt-TOC	21	11	52	360	2,350,000	177	2,560	502,000	502,000	754,000	736,000	10,400	1,050	N	N
PCB-14	34883-41-5	ppt-TOC	21	0	0	--	--	177	3,860	--	--	--	--	--	--	--	--
PCB-140	59291-64-4	ppt-TOC	21	8	38	6,290	16,200	177	3,450	4,220	7,640	4,990	2,680	1,650	1,230	N/G/Ln	NP
PCB-141	52712-04-6	ppt-TOC	21	8	38	79,800	519,000	177	3,450	103,000	152,000	161,000	127,000	5,580	1,230	N/G/Ln	NP
PCB-144	68194-14-9	ppt-TOC	21	8	38	25,600	157,000	177	3,450	30,700	46,100	47,300	36,800	3,510	1,230	N/G/Ln	NP
PCB-145	74472-40-5	ppt-TOC	21	7	33	347	1,280	177	3,450	771	639	426	333	622	690	N/G/Ln	NP
PCB-146/165	51908-16-8/7447	ppt-TOC	21	9	43	191	339,000	177	3,450	83,200	82,800	116,000	114,000	5,150	1,230	N	NP
PCB-147	68194-13-8	ppt-TOC	21	8	38	20,100	60,000	177	3,450	15,100	27,000	20,800	12,500	2,750	1,230	N/G/Ln	NP
PCB-148	74472-41-6	ppt-TOC	21	8	38	1,820	3,320	177	3,450	1,470	2,140	1,040	484	1,010	1,230	N/G/Ln	NP
PCB-15	2050-68-2	ppt-TOC	21	12	57	975	1,910,000	177	2,560	419,000	419,000	614,000	599,000	11,300	1,280	N	N
PCB-150	68194-08-1	ppt-TOC	21	8	38	2,510	5,810	177	3,450	1,850	2,930	1,620	850	1,140	1,230	N/G/Ln	NP
PCB-151	52663-63-5	ppt-TOC	21	9	43	333	688,000	177	3,450	143,000	143,000	216,000	211,000	6,350	1,230	N	NP
PCB-152	68194-09-2	ppt-TOC	21	8	38	867	2,730	177	3,450	1,130	1,270	730	582	847	979	N/G/Ln	NP
PCB-153	35065-27-1	ppt-TOC	21	13	62	191	2,400,000	177	2,560	549,000	549,000	800,000	781,000	11,200	1,230	N	NP
PCB-154	60145-22-4	ppt-TOC	21	8	38	15,800	42,300	177	3,450	10,500	19,800	13,600	6,890	2,420	1,230	N/G/Ln	NP
PCB-155	33979-03-2	ppt-TOC	21	8	38	463	7,590	177	3,450	1,650	1,560	2,110	2,080	917	945	G/Ln	NP
PCB-156	38380-08-4	ppt-TOC	21	8	38	54,200	245,000	60.5	1,890	55,200	88,600	82,900	59,700	1,850	348	N/G/Ln	NP
PCB-157	69782-90-7	ppt-TOC	21	8	38	13,200	55,300	59.8	1,890	12,500	20,500	18,400	12,900	1,070	388	N/G/Ln	NP
PCB-158/160	74472-42-7/4141	ppt-TOC	21	8	38	61,100	323,000	177	3,450	67,500	105,000	103,000	77,100	4,790	1,230	N/G/Ln	NP
PCB-159	39635-35-3	ppt-TOC	21	0	0	--	--	177	3,860	--	--	--	--	--	--	--	--
PCB-16/32	PCB-16/32	ppt-TOC	21	8	38	416,000	3,300,000	177	3,450	600,000	857,000	981,000	806,000	10,700	1,230	N/G/Ln	NP
PCB-166	41411-63-6	ppt-TOC	21	8	38	2,270	11,700	177	3,450	2,870	3,810	3,380	2,710	1,350	1,230	N/G/Ln	NP
PCB-167	52663-72-6	ppt-TOC	21	8	38	23,900	98,700	70.0	1,890	22,000	36,600	32,500	22,400	1,350	401	N/G/Ln	NP
PCB-168	59291-65-5	ppt-TOC	21	8	38	1,400	6,030	177	3,450	1,680	2,100	1,640	1,330	1,040	1,230	N/G/Ln	NP
PCB-169	32774-16-6	ppt-TOC	21	0	0	--	--	63.8	1,840	--	--	--	--	--	--	--	--
PCB-17	37680-66-3	ppt-TOC	21	8	38	334,000	2,180,000	177	3,450	406,000	613,000	658,000	520,000	9,370	1,230	N/G/Ln	NP
PCB-170	35065-30-6	ppt-TOC	21	9	43	416	587,000	177	3,450	126,000	125,000	186,000	182,000	6,140	1,230	N	NP
PCB-171	52663-71-5	ppt-TOC	21	8	38	46,700	172,000	177	3,450	38,400	66,800	55,100	35,400	3,950	1,230	N/G/Ln	NP
PCB-172	52663-74-8	ppt-TOC	21	8	38	25,600	100,000	177	3,450	22,500	37,800	32,000	21,300	3,200	1,230	N/G/Ln	NP
PCB-173	68194-16-1	ppt-TOC	21	8	38	3,190	16,900	177	3,450	3,910	5,410	4,960	3,910	1,550	1,230	N/G/Ln	NP

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-174	38411-25-5	ppt-TOC	21	9	43	516	745,000	177	3,450	157,000	157,000	235,000	229,000	6,730	1,230	N	NP
PCB-175	40186-70-7	ppt-TOC	21	8	38	8,730	40,000	177	3,450	8,470	13,400	11,900	8,530	2,150	1,230	N/G/Ln	NP
PCB-176	52663-65-7	ppt-TOC	21	8	38	26,200	111,000	177	3,450	23,400	39,200	33,900	23,100	3,240	1,230	N/G/Ln	NP
PCB-177	52663-70-4	ppt-TOC	21	9	43	276	429,000	177	3,450	94,300	94,000	137,000	134,000	5,450	1,230	N	NP
PCB-178	52663-67-9	ppt-TOC	21	8	38	45,200	163,000	177	3,450	35,400	62,900	50,800	31,900	3,830	1,230	N/G/Ln	NP
PCB-179	52663-64-6	ppt-TOC	21	8	38	95,200	387,000	177	3,450	81,200	140,000	119,000	79,300	5,240	1,230	N/G/Ln	NP
PCB-18	37680-65-2	ppt-TOC	21	9	43	547	5,470,000	177	3,450	927,000	927,000	1,570,000	1,530,000	12,700	1,230	N/G	NP
PCB-180	35065-29-3	ppt-TOC	21	10	48	1,210	1,570,000	177	2,560	337,000	337,000	499,000	487,000	9,280	1,210	N	NP
PCB-181	74472-47-2	ppt-TOC	21	8	38	1,250	11,200	177	3,450	2,280	2,600	2,700	2,440	1,190	1,230	N/G/Ln	NP
PCB-182/187	PCB-182/187	ppt-TOC	21	11	52	488	1,030,000	177	2,560	223,000	223,000	326,000	318,000	7,970	1,230	N	N
PCB-183	52663-69-1	ppt-TOC	21	9	43	276	443,000	177	3,450	93,300	93,000	138,000	135,000	5,390	1,230	N	NP
PCB-184	74472-48-3	ppt-TOC	21	7	33	486	2,350	177	3,450	924	820	559	492	722	945	N/G/Ln	NP
PCB-185	52712-05-7	ppt-TOC	21	8	38	16,500	87,700	177	3,450	18,600	28,300	27,300	20,500	2,920	1,230	N/G/Ln	NP
PCB-186	74472-49-4	ppt-TOC	21	0	0	--	--	177	3,860	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt-TOC	21	8	38	762	3,660	177	3,450	1,040	1,110	753	635	785	945	Ln	NP
PCB-189	39635-31-9	ppt-TOC	21	8	38	6,170	21,400	45.3	1,890	4,930	8,640	6,960	4,390	585	276	N/G/Ln	NP
PCB-19	38444-73-4	ppt-TOC	21	8	38	60,500	469,000	177	3,450	89,700	127,000	146,000	121,000	5,190	1,230	N/G/Ln	NP
PCB-190	41411-64-7	ppt-TOC	21	8	38	30,400	133,000	177	3,450	28,500	46,800	41,600	29,000	3,480	1,230	N/G/Ln	NP
PCB-191	74472-50-7	ppt-TOC	21	8	38	6,720	26,300	177	3,450	6,170	9,860	8,100	5,550	1,910	1,230	N/G/Ln	NP
PCB-192	74472-51-8	ppt-TOC	21	0	0	--	--	177	3,860	--	--	--	--	--	--	--	--
PCB-193	69782-91-8	ppt-TOC	21	8	38	20,900	76,600	177	3,450	17,100	29,600	24,000	15,300	2,890	1,230	N/G/Ln	NP
PCB-194	35694-08-7	ppt-TOC	21	10	48	306	351,000	177	3,450	82,900	82,700	119,000	116,000	5,290	1,230	N	NP
PCB-195	52663-78-2	ppt-TOC	21	8	38	41,900	149,000	177	3,450	34,700	60,200	49,400	31,500	3,800	1,230	N/G/Ln	NP
PCB-196/203	PCB-196/203	ppt-TOC	21	11	52	691	553,000	177	2,560	114,000	114,000	172,000	168,000	6,260	1,230	N	N
PCB-197	33091-17-7	ppt-TOC	21	8	38	5,030	15,400	177	3,450	4,000	6,650	4,770	2,940	1,610	1,230	N/G/Ln	NP
PCB-198	68194-17-2	ppt-TOC	21	8	38	5,750	24,200	177	3,450	5,560	8,650	7,300	5,180	1,820	1,230	N/G/Ln	NP
PCB-199	52663-75-9	ppt-TOC	21	11	52	782	528,000	177	2,560	114,000	114,000	168,000	164,000	6,510	1,280	N	NP
PCB-2	2051-61-8	ppt-TOC	21	21	100	1,400	77,500	--	--	16,300	16,300	21,500	21,500	6,660	2,920	NP	NP
PCB-20/21/33	38444-84-7/5570	ppt-TOC	21	8	38	304,000	2,890,000	177	3,450	508,000	696,000	851,000	722,000	9,930	1,230	N/G/Ln	NP
PCB-200	52663-73-7	ppt-TOC	21	8	38	13,300	61,300	177	3,450	13,200	20,900	18,900	13,500	2,570	1,230	N/G/Ln	NP
PCB-201	40186-71-8	ppt-TOC	21	8	38	21,000	63,800	177	3,450	15,200	27,700	20,800	12,100	2,770	1,230	N/G/Ln	NP
PCB-202	2136-99-4	ppt-TOC	21	11	52	414	113,000	177	2,560	29,600	29,500	40,000	39,100	3,610	1,130	N	NP
PCB-204	74472-52-9	ppt-TOC	21	0	0	--	--	177	3,860	--	--	--	--	--	--	--	--
PCB-205	74472-53-0	ppt-TOC	21	8	38	4,640	16,300	177	3,450	4,210	6,610	5,130	3,460	1,630	1,230	N/G/Ln	NP
PCB-206	40186-72-9	ppt-TOC	21	13	62	318	235,000	177	2,560	69,800	69,700	93,400	91,200	5,680	1,440	NP	NP
PCB-207	52663-79-3	ppt-TOC	21	8	38	12,800	25,700	177	3,450	7,630	15,100	9,490	4,180	2,130	1,230	N/G/Ln	NP
PCB-208	52663-77-1	ppt-TOC	21	12	57	416	78,900	177	2,560	24,000	23,900	31,300	30,600	3,400	1,230	NP	NP
PCB-209	2051-24-3	ppt-TOC	21	13	62	658	244,000	177	2,560	65,200	65,200	89,500	87,400	6,060	1,690	NP	N
PCB-22	38444-85-8	ppt-TOC	21	8	38	310,000	2,010,000	177	3,450	375,000	566,000	604,000	477,000	9,090	1,230	N/G/Ln	NP
PCB-23	55720-44-0	ppt-TOC	21	8	38	458	5,270	177	3,450	1,480	1,380	1,440	1,440	923	945	N/G/Ln	NP
PCB-24/27	PCB-24/27	ppt-TOC	21	8	38	93,400	421,000	177	3,450	84,400	142,000	130,000	93,000	5,240	1,230	N/G/Ln	NP

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-25	55712-37-3	ppt-TOC	21	8	38	222,000	623,000	177	3,450	143,000	280,000	206,000	114,000	6,590	1,230	N/G/Ln	NP
PCB-26	38444-81-4	ppt-TOC	21	8	38	347,000	944,000	177	3,450	219,000	433,000	321,000	181,000	7,720	1,230	N/G/Ln	NP
PCB-28	7012-37-5	ppt-TOC	21	11	52	466	6,160,000	177	2,560	1,310,000	1,310,000	1,970,000	1,920,000	15,700	1,230	N	NP
PCB-29	15862-07-4	ppt-TOC	21	8	38	2,650	23,500	177	3,450	4,070	5,240	6,370	5,620	1,490	1,230	N/G/Ln	NP
PCB-3	2051-62-9	ppt-TOC	21	15	71	206	231,000	189	2,560	40,200	40,200	66,400	64,800	4,300	1,210	NP	NP
PCB-30	35693-92-6	ppt-TOC	21	5	24	690	3,360	177	3,450	1,120	1,100	877	814	809	865	N/G/Ln	NP
PCB-31	16606-02-3	ppt-TOC	21	11	52	474	4,980,000	177	2,560	1,070,000	1,070,000	1,620,000	1,580,000	14,000	1,230	N	NP
PCB-34	37680-68-5	ppt-TOC	21	8	38	8,500	27,000	177	3,450	6,490	11,300	8,380	5,090	1,970	1,230	N/G/Ln	NP
PCB-35	37680-69-6	ppt-TOC	21	8	38	57,100	193,000	177	3,450	39,800	74,700	59,400	37,200	3,970	1,230	N/G/Ln	NP
PCB-36	38444-87-0	ppt-TOC	21	7	33	1,290	4,150	177	3,450	1,520	1,860	1,290	1,010	1,000	1,230	N/G/Ln	NP
PCB-37	38444-90-5	ppt-TOC	21	9	43	1,240	1,890,000	177	2,560	384,000	385,000	582,000	568,000	9,340	1,230	N	NP
PCB-38	53555-66-1	ppt-TOC	21	8	38	5,570	23,800	177	3,450	5,520	8,500	7,200	5,140	1,810	1,230	N/G/Ln	NP
PCB-39	38444-88-1	ppt-TOC	21	8	38	1,910	11,100	177	3,450	2,980	3,700	3,550	3,000	1,370	1,230	N/G/Ln	NP
PCB-4/10	PCB-4/10	ppt-TOC	21	8	38	194,000	974,000	177	3,450	188,000	308,000	307,000	232,000	7,010	1,230	N/G/Ln	NP
PCB-40	38444-93-8	ppt-TOC	21	8	38	55,700	895,000	177	3,450	158,000	192,000	272,000	246,000	6,080	1,230	N/G/Ln	NP
PCB-41/64/71/72	52663-59-9/5266	ppt-TOC	19	9	47	238	4,010,000	189	3,450	766,000	766,000	1,310,000	1,280,000	10,300	1,050	N/G	NP
PCB-42/59	36559-22-5/7447	ppt-TOC	21	8	38	293,000	1,660,000	177	3,450	326,000	507,000	511,000	389,000	8,720	1,230	N/G/Ln	NP
PCB-43/49	PCB-43/49	ppt-TOC	21	10	48	310	3,840,000	177	3,450	796,000	795,000	1,200,000	1,170,000	12,100	1,230	N	NP
PCB-44	41464-39-5	ppt-TOC	21	13	62	333	5,010,000	177	2,560	946,000	946,000	1,530,000	1,490,000	12,300	1,050	G	N
PCB-45	70362-45-7	ppt-TOC	21	8	38	106,000	893,000	177	3,450	167,000	232,000	271,000	226,000	6,590	1,230	N/G/Ln	NP
PCB-46	41464-47-5	ppt-TOC	21	8	38	44,600	354,000	177	3,450	66,900	94,000	106,000	87,500	4,680	1,230	N/G/Ln	NP
PCB-47	2437-79-8	ppt-TOC	21	8	38	419,000	1,230,000	177	3,450	283,000	542,000	413,000	239,000	8,510	1,230	N/G/Ln	NP
PCB-48/75	70362-47-9/3259	ppt-TOC	21	8	38	146,000	1,080,000	177	3,450	199,000	289,000	322,000	261,000	7,120	1,230	N/G/Ln	NP
PCB-5/8	PCB-5/8	ppt-TOC	21	8	38	362,000	1,990,000	177	3,450	359,000	582,000	590,000	450,000	8,960	1,230	N/G/Ln	NP
PCB-50	62796-65-0	ppt-TOC	21	8	38	3,580	17,500	177	3,450	4,000	5,750	5,250	4,080	1,560	1,230	N/G/Ln	NP
PCB-51	68194-04-7	ppt-TOC	21	8	38	54,500	257,000	177	3,450	51,500	84,800	78,200	56,000	4,350	1,230	N/G/Ln	NP
PCB-52/69	35693-99-3/6023	ppt-TOC	21	16	76	187	5,020,000	189	2,560	985,000	985,000	1,540,000	1,500,000	13,300	1,230	NP	G
PCB-53	41464-41-9	ppt-TOC	21	8	38	131,000	802,000	177	3,450	157,000	237,000	245,000	190,000	6,580	1,230	N/G/Ln	NP
PCB-54	15968-05-5	ppt-TOC	21	8	38	2,560	14,200	177	3,450	3,140	4,250	3,950	3,190	1,400	1,230	N/G/Ln	NP
PCB-55	74338-24-2	ppt-TOC	21	8	38	10,900	86,300	177	3,450	15,000	21,300	24,200	20,100	2,590	1,230	N/G/Ln	NP
PCB-56/60	PCB-56/60	ppt-TOC	21	13	62	200	3,290,000	177	3,450	600,000	600,000	968,000	945,000	9,620	945	NP	N
PCB-57	70424-67-8	ppt-TOC	21	8	38	10,400	28,300	177	3,450	6,890	12,900	8,990	5,070	2,020	1,230	N/G/Ln	NP
PCB-58	41464-49-7	ppt-TOC	21	8	38	4,150	13,900	177	3,450	3,550	5,640	4,070	2,580	1,530	1,230	N/G/Ln	NP
PCB-6	25569-80-6	ppt-TOC	21	8	38	113,000	390,000	177	3,450	77,500	147,000	122,000	79,900	5,090	1,230	G	NP
PCB-61/70	PCB-61/70	ppt-TOC	21	13	62	211	5,080,000	189	2,560	1,030,000	1,030,000	1,590,000	1,550,000	14,300	1,230	N	NP
PCB-62	54230-22-7	ppt-TOC	21	1	5	2,080	2,080	177	3,860	914	--	562	--	711	860	--	--
PCB-63	74472-34-7	ppt-TOC	21	8	38	50,900	180,000	177	3,450	39,300	70,300	57,400	36,500	3,970	1,230	N/G/Ln	NP
PCB-65	33284-54-7	ppt-TOC	21	2	10	3,040	5,990	177	3,860	1,190	--	1,300	--	783	860	--	--
PCB-67	73575-53-8	ppt-TOC	21	8	38	38,000	172,000	177	3,450	33,400	56,500	51,100	36,100	3,680	1,230	N/G/Ln	NP
PCB-68	73575-52-7	ppt-TOC	21	8	38	5,440	25,200	177	3,450	4,660	7,550	6,420	4,660	1,680	1,230	G/Ln	NP
PCB-7/9	PCB-7/9	ppt-TOC	21	8	38	23,300	216,000	177	3,450	35,100	49,100	63,100	54,300	3,510	1,230	G/Ln	NP

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-73	74338-23-1	ppt-TOC	21	0	0	--	--	177	3,860	--	--	--	--	--	--	--	--
PCB-74	32690-93-0	ppt-TOC	21	12	57	201	2,280,000	177	2,560	448,000	448,000	693,000	677,000	8,570	1,110	N	N
PCB-76/66	PCB-76/66	ppt-TOC	21	13	62	326	4,160,000	177	2,560	899,000	899,000	1,330,000	1,300,000	13,200	1,230	N	N
PCB-77	32598-13-3	ppt-TOC	21	10	48	445	602,000	47.2	1,890	124,000	124,000	188,000	183,000	2,460	445	N	NP
PCB-78	70362-49-1	ppt-TOC	21	0	0	--	--	177	3,860	--	--	--	--	--	--	--	--
PCB-79	41464-48-6	ppt-TOC	21	8	38	11,100	36,400	177	3,450	9,120	15,500	12,200	7,800	2,250	1,230	N/G/Ln	NP
PCB-80	33284-52-5	ppt-TOC	21	0	0	--	--	177	3,860	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt-TOC	21	8	38	2,660	22,400	44.3	1,890	4,530	6,070	7,220	6,130	538	254	N/G/Ln	NP
PCB-82	52663-62-4	ppt-TOC	21	8	38	83,100	540,000	177	3,450	109,000	160,000	170,000	135,000	5,670	1,230	N/G/Ln	NP
PCB-83	60145-20-2	ppt-TOC	21	7	33	455	3,580	177	3,450	1,150	1,050	935	932	810	945	N/G/Ln	NP
PCB-84/92	52663-60-2/5266	ppt-TOC	21	9	43	505	1,520,000	177	3,450	334,000	334,000	497,000	485,000	8,990	1,230	N	NP
PCB-85/116	PCB-85/116	ppt-TOC	21	8	38	123,000	724,000	177	3,450	136,000	212,000	214,000	163,000	6,230	1,230	N/G/Ln	NP
PCB-86	55312-69-1	ppt-TOC	21	8	38	3,520	43,100	177	3,450	7,600	9,310	11,900	10,600	1,920	1,230	N/G/Ln	NP
PCB-87/117/125	38380-02-8/6819	ppt-TOC	21	10	48	348	1,440,000	177	2,560	271,000	270,000	433,000	423,000	7,480	1,050	N/G	NP
PCB-88/91	PCB-88/91	ppt-TOC	21	8	38	150,000	582,000	177	3,450	132,000	225,000	194,000	129,000	6,320	1,230	N/G/Ln	NP
PCB-89	73575-57-2	ppt-TOC	21	8	38	10,500	72,000	177	3,450	14,900	20,900	22,400	18,200	2,630	1,230	N/G/Ln	NP
PCB-90/101	PCB-90/101	ppt-TOC	21	16	76	229	3,540,000	1,380	2,560	760,000	760,000	1,140,000	1,110,000	14,000	1,250	NP	NP
PCB-93	73575-56-1	ppt-TOC	21	0	0	--	--	177	3,860	--	--	--	--	--	--	--	--
PCB-94	73575-55-0	ppt-TOC	21	8	38	7,710	25,300	177	3,450	6,130	10,400	7,970	5,050	1,920	1,230	N/G/Ln	NP
PCB-95/98/102	38379-99-6/6023	ppt-TOC	21	13	62	229	2,910,000	177	2,560	623,000	622,000	943,000	921,000	11,400	1,050	N	NP
PCB-96	73575-54-9	ppt-TOC	21	8	38	3,370	44,600	177	3,450	8,930	10,500	14,000	12,800	2,030	1,230	N/G/Ln	NP
PCB-97	41464-51-1	ppt-TOC	21	9	43	278	1,210,000	177	3,450	247,000	247,000	375,000	366,000	7,740	1,230	N	NP
PCB-99	38380-01-7	ppt-TOC	21	9	43	602	1,520,000	177	3,450	362,000	361,000	519,000	507,000	9,460	1,230	N	NP
Total Congener PCBs (209)	No CAS	ppt-TOC	21	21	100	2,420	12,500,000	--	--	25,400,000	25,400,000	38,800,000	38,800,000	209,000	16,000	NP	NP
Total Congener PCBs (NOAA 1989)	No CAS	ppt-TOC	21	19	91	816	90,300,000	1,380	2,560	18,500,000	18,460,000	28,100,000	27,450,000	128,000	12,600	NP	NP

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	4	1	25	128	128	409	506	200	--	52.3	--	194	209	--	--
Arsenic	7440-38-2	ppm-Al	4	4	100	766	3,420	--	--	1,570	1,570	1,250	1,250	1,290	1,050	--	--
Barium	7440-39-3	ppm-Al	4	4	100	5,330	15,500	--	--	11,300	11,300	4,410	4,410	10,500	12,200	--	--
Beryllium	7440-41-7	ppm-Al	4	4	100	58.3	76.8	--	--	63.8	63.8	8.8	8.8	63.4	60.0	--	--
Cadmium	7440-43-9	ppm-Al	4	4	100	71.4	456	--	--	300	300	189	189	239	337	--	--
Calcium	7440-70-2	ppm-Al	4	4	100	269,000	758,000	--	--	570,000	570,000	217,000	217,000	530,000	627,000	--	--
Chromium	7440-47-3	ppm-Al	4	4	100	5,270	20,900	--	--	13,300	13,300	8,440	8,440	11,100	13,500	--	--
Cobalt	7440-48-4	ppm-Al	4	4	100	699	908	--	--	797	797	97.5	97.5	793	791	--	--
Copper	7440-50-8	ppm-Al	4	4	100	6,250	28,500	--	--	19,400	19,400	9,440	9,440	16,900	21,400	--	--
Iron	7439-89-6	ppm-Al	4	4	100	1,870,000	2,360,000	--	--	2,210,000	2,210,000	228,000	228,000	2,200,000	2,300,000	--	--
Lead	7439-92-1	ppm-Al	4	4	100	6,750	38,600	--	--	23,100	23,100	13,200	13,200	19,500	23,600	--	--
Magnesium	7439-95-4	ppm-Al	4	4	100	536,000	620,000	--	--	586,000	586,000	35,400	35,400	585,000	593,000	--	--
Manganese	7439-96-5	ppm-Al	4	4	100	15,000	31,700	--	--	24,200	24,200	6,960	6,960	23,400	25,100	--	--
Mercury	7439-97-6	ppm-Al	4	4	100	50.0	1,050	--	--	450	450	424	424	283	351	--	--
Nickel	7440-02-0	ppm-Al	4	4	100	2,590	4,350	--	--	3,550	3,550	863	863	3,470	3,630	--	--
Potassium	7440-09-7	ppm-Al	4	4	100	201,000	261,000	--	--	227,000	227,000	25,000	25,000	226,000	223,000	--	--
Selenium	7782-49-2	ppm-Al	4	3	75	51.9	107	151	151	72.6	--	25.1	--	69.6	65.8	--	--
Silver	7440-22-4	ppm-Al	4	4	100	123	711	--	--	430	430	255	255	357	444	--	--
Sodium	7440-23-5	ppm-Al	4	4	100	584,000	818,000	--	--	683,000	683,000	98,500	98,500	678,000	665,000	--	--
Thallium	7440-28-0	ppm-Al	4	3	75	10.4	23.3	128	128	27.8	--	24.8	--	21.4	18.4	--	--
Titanium	7440-32-6	ppm-Al	3	3	100	26,900	43,400	--	--	34,900	34,900	8,260	8,260	34,200	34,300	--	--
Vanadium	7440-62-2	ppm-Al	4	4	100	2,700	4,190	--	--	3,480	3,480	611	611	3,440	3,510	--	--
Zinc	7440-66-6	ppm-Al	4	4	100	13,300	54,600	--	--	34,500	34,500	17,000	17,000	30,700	35,100	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	9	0	0	--	--	0.96	411	--	--	--	--	--	--	--	--
Arsenic	7440-38-2	ppm-Al	9	9	100	586	3,120	--	--	1,520	1,520	1,030	1,030	1,240	925	G/Ln	G/Ln
Barium	7440-39-3	ppm-Al	9	9	100	2,160	24,500	--	--	11,400	11,400	8,950	8,950	8,300	6,580	N/G/Ln	N/G/Ln
Beryllium	7440-41-7	ppm-Al	9	9	100	42.0	67.1	--	--	55.0	55.0	8.2	8.2	54.5	56.3	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Al	9	9	100	17.6	333	--	--	128	128	99.3	99.3	89.5	116	N/G/Ln	N/G/Ln

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Calcium	7440-70-2	ppm-Al	9	9	100	227,000	738,000	--	--	406,000	406,000	155,000	155,000	382,000	363,000	N/G/Ln	N/G/Ln
Chromium	7440-47-3	ppm-Al	9	9	100	1,880	14,900	--	--	7,050	7,050	4,120	4,120	5,830	6,140	N/G/Ln	N/G/Ln
Cobalt	7440-48-4	ppm-Al	9	9	100	626	928	--	--	716	716	94.6	94.6	711	688	N/G/Ln	N/G/Ln
Copper	7440-50-8	ppm-Al	9	9	100	925	21,700	--	--	11,700	11,700	8,000	8,000	7,980	9,540	N/G/Ln	N/G/Ln
Iron	7439-89-6	ppm-Al	9	9	100	1,940,000	2,360,000	--	--	2,200,000	2,200,000	134,000	134,000	2,200,000	2,230,000	N/G/Ln	N/G/Ln
Lead	7439-92-1	ppm-Al	9	9	100	947	29,200	--	--	15,400	15,400	11,600	11,600	10,000	9,190	N/G/Ln	N/G/Ln
Magnesium	7439-95-4	ppm-Al	9	9	100	457,000	799,000	--	--	559,000	559,000	104,000	104,000	551,000	524,000	N/G/Ln	N/G/Ln
Manganese	7439-96-5	ppm-Al	9	9	100	22,400	38,100	--	--	29,600	29,600	5,720	5,720	29,100	30,100	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm-Al	9	8	89	45.6	361	1.4	1.4	160	165	113	99.9	83.4	145	N/G/Ln	N/Ln
Nickel	7440-02-0	ppm-Al	9	9	100	1,680	4,850	--	--	2,860	2,860	979	979	2,720	2,710	N/G/Ln	N/G/Ln
Potassium	7440-09-7	ppm-Al	9	9	100	190,000	225,000	--	--	212,000	212,000	12,100	12,100	212,000	217,000	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Al	9	9	100	29.4	179	--	--	85.6	85.6	48.8	48.8	73.9	69.4	N/G/Ln	N/G/Ln
Silver	7440-22-4	ppm-Al	9	9	100	4.6	506	--	--	232	232	156	156	121	272	N	N
Sodium	7440-23-5	ppm-Al	9	9	100	358,000	775,000	--	--	605,000	605,000	145,000	145,000	588,000	638,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Al	9	9	100	1.2	20.6	--	--	12.3	12.3	6.6	6.6	9.8	9.4	N/G	N/G
Titanium	7440-32-6	ppm-Al	9	9	100	21,600	32,200	--	--	27,500	27,500	3,340	3,340	27,300	27,400	N/G/Ln	N/G/Ln
Vanadium	7440-62-2	ppm-Al	9	9	100	2,350	3,460	--	--	2,920	2,920	376	376	2,900	2,870	N/G/Ln	N/G/Ln
Zinc	7440-66-6	ppm-Al	9	9	100	4,500	35,900	--	--	21,900	21,900	12,900	12,900	17,500	16,300	N/G/Ln	N/G/Ln
Subsurface (>3.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	21	0	0	--	--	0.95	388	--	--	--	--	--	--	--	--
Arsenic	7440-38-2	ppm-Al	21	21	100	490	5,990	--	--	2,370	2,370	1,890	1,890	1,640	1,700	G	G
Barium	7440-39-3	ppm-Al	21	21	100	2,090	32,200	--	--	9,240	9,240	7,900	7,900	6,480	7,390	G	G
Beryllium	7440-41-7	ppm-Al	21	21	100	38.5	70.1	--	--	51.3	51.3	10.0	10.0	50.4	49.3	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Al	21	21	100	11.5	1,090	--	--	262	262	362	362	85.0	94.8	G	G
Calcium	7440-70-2	ppm-Al	21	21	100	216,000	566,000	--	--	369,000	369,000	114,000	114,000	352,000	331,000	N/G/Ln	N/G/Ln
Chromium	7440-47-3	ppm-Al	21	21	100	1,780	31,400	--	--	10,600	10,600	10,500	10,500	6,380	8,080	G	G
Cobalt	7440-48-4	ppm-Al	21	21	100	609	934	--	--	719	719	79.5	79.5	715	701	N/G/Ln	N/G/Ln
Copper	7440-50-8	ppm-Al	21	21	100	739	33,200	--	--	13,000	13,000	11,100	11,100	6,370	11,700	G	G
Iron	7439-89-6	ppm-Al	21	21	100	1,910,000	2,520,000	--	--	2,180,000	2,180,000	175,000	175,000	2,180,000	2,230,000	N/G/Ln	N/G/Ln
Lead	7439-92-1	ppm-Al	21	21	100	718	32,800	--	--	14,100	14,100	11,300	11,300	7,040	13,200	G	G
Magnesium	7439-95-4	ppm-Al	21	21	100	428,000	745,000	--	--	505,000	505,000	69,000	69,000	501,000	490,000	G	G

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Manganese	7439-96-5	ppm-Al	21	21	100	24,600	65,700	--	--	34,600	34,600	11,200	11,200	33,200	31,400	G	G
Mercury	7439-97-6	ppm-Al	21	19	91	1.5	898	0.98	1.1	288	288	269	262	69.7	254	N	N
Nickel	7440-02-0	ppm-Al	21	21	100	1,530	7,010	--	--	3,280	3,280	1,610	1,610	2,920	3,520	NP	NP
Potassium	7440-09-7	ppm-Al	21	21	100	179,000	229,000	--	--	203,000	203,000	13,700	13,700	203,000	206,000	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Al	21	21	100	16.0	171	--	--	83.6	83.6	57.6	57.6	61.5	80.5	G	G
Silver	7440-22-4	ppm-Al	21	21	100	3.3	815	--	--	258	258	293	293	66.0	126	G	G
Sodium	7440-23-5	ppm-Al	21	21	100	249,000	726,000	--	--	508,000	508,000	154,000	154,000	484,000	481,000	N/G/Ln	N/G/Ln
Titanium	7440-32-6	ppm-Al	21	21	100	19,500	37,800	--	--	27,300	27,300	5,730	5,730	26,700	25,400	N/G/Ln	N/G/Ln
Zinc	7440-66-6	ppm-Al	21	21	100	4,120	44,000	--	--	19,800	19,800	14,000	14,000	14,300	19,100	NP	NP

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	4	4	100	424,000	534,000	--	--	458,000	458,000	51,800	51,800	455,000	436,000	--	--
Antimony	7440-36-0	ppm-Fe	4	1	25	54.7	54.7	181	270	92.8	--	32.9	--	88.3	90.8	--	--
Arsenic	7440-38-2	ppm-Fe	4	4	100	364	1,450	--	--	694	694	510	510	588	481	--	--
Barium	7440-39-3	ppm-Fe	4	4	100	2,370	7,180	--	--	5,190	5,190	2,170	2,170	4,770	5,600	--	--
Beryllium	7440-41-7	ppm-Fe	4	4	100	24.7	32.8	--	--	29.1	29.1	4.3	4.3	28.8	29.4	--	--
Cadmium	7440-43-9	ppm-Fe	4	4	100	31.8	194	--	--	134	134	77.1	77.1	109	155	--	--
Calcium	7440-70-2	ppm-Fe	4	4	100	114,000	404,000	--	--	266,000	266,000	120,000	120,000	242,000	273,000	--	--
Chromium	7440-47-3	ppm-Fe	4	4	100	2,350	8,850	--	--	5,870	5,870	3,370	3,370	5,050	6,140	--	--
Cobalt	7440-48-4	ppm-Fe	4	4	100	296	453	--	--	366	366	69.5	69.5	361	358	--	--
Copper	7440-50-8	ppm-Fe	4	4	100	2,780	15,200	--	--	9,050	9,050	5,090	5,090	7,690	9,110	--	--
Lead	7439-92-1	ppm-Fe	4	4	100	3,010	20,600	--	--	10,900	10,900	7,300	7,300	8,870	10,100	--	--
Magnesium	7439-95-4	ppm-Fe	4	4	100	227,000	331,000	--	--	269,000	269,000	44,300	44,300	266,000	259,000	--	--
Manganese	7439-96-5	ppm-Fe	4	4	100	8,030	14,100	--	--	10,900	10,900	2,530	2,530	10,600	10,700	--	--
Mercury	7439-97-6	ppm-Fe	4	4	100	22.3	562	--	--	221	221	235	235	129	149	--	--
Nickel	7440-02-0	ppm-Fe	4	4	100	1,150	2,240	--	--	1,640	1,640	507	507	1,580	1,580	--	--
Potassium	7440-09-7	ppm-Fe	4	4	100	95,900	111,000	--	--	103,000	103,000	7,200	7,200	103,000	103,000	--	--
Selenium	7782-49-2	ppm-Fe	4	3	75	23.1	45.3	64.7	64.7	32.7	--	9.3	--	31.7	31.1	--	--
Silver	7440-22-4	ppm-Fe	4	4	100	54.9	380	--	--	203	203	139	139	163	189	--	--
Sodium	7440-23-5	ppm-Fe	4	4	100	278,000	364,000	--	--	311,000	311,000	38,400	38,400	309,000	300,000	--	--
Thallium	7440-28-0	ppm-Fe	4	3	75	4.6	9.9	54.7	54.7	12.3	--	10.3	--	9.7	8.6	--	--
Titanium	7440-32-6	ppm-Fe	3	3	100	12,000	23,100	--	--	16,500	16,500	5,820	5,820	15,900	14,500	--	--
Vanadium	7440-62-2	ppm-Fe	4	4	100	1,200	1,850	--	--	1,590	1,590	298	298	1,570	1,650	--	--
Zinc	7440-66-6	ppm-Fe	4	4	100	5,920	29,100	--	--	16,200	16,200	9,610	9,610	14,000	15,000	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	9	9	100	423,000	515,000	--	--	456,000	456,000	29,500	29,500	455,000	449,000	N/G/Ln	N/G/Ln
Antimony	7440-36-0	ppm-Fe	9	0	0	--	--	0.49	178	--	--	--	--	--	--	--	--
Arsenic	7440-38-2	ppm-Fe	9	9	100	289	1,400	--	--	681	681	456	456	566	417	NP	NP
Barium	7440-39-3	ppm-Fe	9	9	100	1,060	11,000	--	--	5,100	5,100	3,970	3,970	3,770	2,840	G/Ln	G/Ln
Beryllium	7440-41-7	ppm-Fe	9	9	100	18.5	28.9	--	--	25.0	25.0	3.9	3.9	24.8	25.5	N/G/Ln	N/G/Ln

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Cadmium	7440-43-9	ppm-Fe	9	9	100	8.9	150	--	--	57.0	57.0	44.5	44.5	40.8	52.1	N/G/Ln	N/G/Ln
Calcium	7440-70-2	ppm-Fe	9	9	100	117,000	318,000	--	--	182,000	182,000	62,900	62,900	174,000	163,000	N/G/Ln	N/G/Ln
Chromium	7440-47-3	ppm-Fe	9	9	100	926	6,700	--	--	3,150	3,150	1,820	1,820	2,650	2,600	N/G/Ln	N/G/Ln
Cobalt	7440-48-4	ppm-Fe	9	9	100	280	393	--	--	325	325	34.5	34.5	323	326	N/G/Ln	N/G/Ln
Copper	7440-50-8	ppm-Fe	9	9	100	456	9,750	--	--	5,190	5,190	3,520	3,520	3,630	4,300	N/G/Ln	N/G/Ln
Lead	7439-92-1	ppm-Fe	9	9	100	467	13,100	--	--	6,820	6,820	5,080	5,080	4,560	4,140	N/G/Ln	N/G/Ln
Magnesium	7439-95-4	ppm-Fe	9	9	100	225,000	344,000	--	--	253,000	253,000	38,400	38,400	251,000	236,000	NP	NP
Manganese	7439-96-5	ppm-Fe	9	9	100	10,100	18,800	--	--	13,600	13,600	3,020	3,020	13,300	14,700	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm-Fe	9	8	89	23.5	162	0.67	0.67	71.1	73.7	50.2	44.0	37.8	65.1	N/G/Ln	N/Ln
Nickel	7440-02-0	ppm-Fe	9	9	100	826	2,090	--	--	1,280	1,280	379	379	1,240	1,220	N/G/Ln	N/G/Ln
Potassium	7440-09-7	ppm-Fe	9	9	100	86,600	101,000	--	--	96,400	96,400	4,120	4,120	96,300	97,400	G	G
Selenium	7782-49-2	ppm-Fe	9	9	100	15.2	79.0	--	--	38.4	38.4	21.2	21.2	33.6	31.3	N/G/Ln	N/G/Ln
Silver	7440-22-4	ppm-Fe	9	9	100	2.3	214	--	--	102	102	67.1	67.1	55.2	120	N	N
Sodium	7440-23-5	ppm-Fe	9	9	100	184,000	350,000	--	--	273,000	273,000	57,700	57,700	267,000	283,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Fe	9	9	100	0.55	9.3	--	--	5.6	5.6	2.9	2.9	4.5	4.6	N/G	N/G
Titanium	7440-32-6	ppm-Fe	9	9	100	11,100	13,600	--	--	12,400	12,400	904	904	12,400	12,400	N/G/Ln	N/G/Ln
Vanadium	7440-62-2	ppm-Fe	9	9	100	1,200	1,530	--	--	1,320	1,320	113	113	1,320	1,290	N/G/Ln	N/G/Ln
Zinc	7440-66-6	ppm-Fe	9	9	100	2,210	16,100	--	--	9,730	9,730	5,590	5,590	7,950	7,340	N/G/Ln	N/G/Ln
Subsurface (>3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	21	21	100	397,000	525,000	--	--	461,000	461,000	37,600	37,600	460,000	449,000	N/G/Ln	N/G/Ln
Antimony	7440-36-0	ppm-Fe	21	0	0	--	--	0.50	169	--	--	--	--	--	--	--	--
Arsenic	7440-38-2	ppm-Fe	21	21	100	238	2,440	--	--	1,050	1,050	805	805	754	850	G	G
Barium	7440-39-3	ppm-Fe	21	21	100	984	13,900	--	--	4,060	4,060	3,300	3,300	2,980	3,310	G/Ln	G/Ln
Beryllium	7440-41-7	ppm-Fe	21	21	100	18.3	30.2	--	--	23.4	23.4	3.5	3.5	23.2	21.8	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Fe	21	21	100	6.0	470	--	--	113	113	154	154	39.1	40.4	G	G
Calcium	7440-70-2	ppm-Fe	21	21	100	110,000	250,000	--	--	167,000	167,000	43,500	43,500	162,000	156,000	N/G/Ln	N/G/Ln
Chromium	7440-47-3	ppm-Fe	21	21	100	927	13,500	--	--	4,620	4,620	4,410	4,410	2,930	3,340	G	G
Cobalt	7440-48-4	ppm-Fe	21	21	100	280	371	--	--	330	330	19.5	19.5	329	326	NP	NP
Copper	7440-50-8	ppm-Fe	21	21	100	347	14,300	--	--	5,670	5,670	4,710	4,710	2,930	5,230	NP	NP
Lead	7439-92-1	ppm-Fe	21	21	100	339	14,000	--	--	6,170	6,170	4,770	4,770	3,240	6,760	NP	NP
Magnesium	7439-95-4	ppm-Fe	21	21	100	190,000	334,000	--	--	232,000	232,000	26,600	26,600	230,000	227,000	NP	NP

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Manganese	7439-96-5	ppm-Fe	21	21	100	10,200	34,500	--	--	16,300	16,300	6,600	6,600	15,300	14,500	G	G
Mercury	7439-97-6	ppm-Fe	21	19	91	0.73	387	0.48	0.53	126	126	115	112	32.1	130	N	N
Nickel	7440-02-0	ppm-Fe	21	21	100	803	2,780	--	--	1,470	1,470	635	635	1,340	1,500	NP	NP
Potassium	7440-09-7	ppm-Fe	21	21	100	77,400	103,000	--	--	93,300	93,300	5,850	5,850	93,200	92,600	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Fe	21	21	100	8.4	73.5	--	--	36.8	36.8	24.0	24.0	28.2	37.1	G	G
Silver	7440-22-4	ppm-Fe	21	21	100	1.7	352	--	--	112	112	125	125	30.3	49.9	G	G
Sodium	7440-23-5	ppm-Fe	21	21	100	130,000	314,000	--	--	229,000	229,000	57,300	57,300	222,000	217,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Fe	21	21	100	1.7	11.9	--	--	5.4	5.4	2.8	2.8	4.7	4.0	G/Ln	G/Ln
Titanium	7440-32-6	ppm-Fe	21	21	100	9,330	16,300	--	--	12,400	12,400	2,030	2,030	12,300	12,400	N/G/Ln	N/G/Ln
Vanadium	7440-62-2	ppm-Fe	21	21	100	1,090	2,480	--	--	1,450	1,450	444	444	1,400	1,250	NP	NP
Zinc	7440-66-6	ppm-Fe	21	21	100	2,110	18,300	--	--	8,740	8,740	5,820	5,820	6,560	8,530	NP	NP

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb-TOC	3	0	0	--	--	360	940	--	--	--	--	--	--	--	--
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	2	2	100	370	610	--	--	490	490	170	170	480	490	--	--
2,4-D	94-75-7	ppb-TOC	3	2	67	1,300	2,200	2,600	2,600	1,600	--	520	--	1,500	1,300	--	--
2,4-DB	94-82-6	ppb-TOC	2	1	50	14,000	14,000	1,300	1,300	7,300	--	9,400	--	3,000	7,300	--	--
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb-TOC	3	0	0	--	--	1,200	3,100	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb-TOC	3	0	0	--	--	1,200	3,100	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb-TOC	3	0	0	--	--	1,200	3,100	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb-TOC	3	3	100	2,400	4,800	--	--	4,000	4,000	1,400	1,400	3,800	4,700	--	--
Aroclor-1248	12672-29-6	ppb-TOC	3	0	0	--	--	1,200	3,100	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb-TOC	3	2	67	5,000	6,100	2,100	2,100	4,100	--	2,700	--	3,200	5,000	--	--
Aroclor-1260	11096-82-5	ppb-TOC	3	3	100	1,500	3,200	--	--	2,300	2,300	850	850	2,200	2,200	--	--
Aroclor-1262	37324-23-5	ppb-TOC	3	0	0	--	--	1,200	3,100	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb-TOC	3	1	33	700	700	1,200	3,100	950	--	520	--	870	700	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb-TOC	3	3	100	8,100	11,000	--	--	10,000	10,000	1,700	1,700	9,900	11,000	--	--
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb-TOC	3	3	100	8,900	11,000	--	--	10,000	10,000	1,200	1,200	10,000	11,000	--	--
Pesticides																	
2,4'-DDD	53-19-0	ppb-TOC	3	2	67	270	2,100	310	310	840	--	1,100	--	440	270	--	--
2,4'-DDE	3424-82-6	ppb-TOC	4	2	50	660	3,100	120	310	990	--	1,400	--	370	410	--	--
2,4'-DDT	789-02-6	ppb-TOC	4	2	50	5.4	190	210	310	110	--	80	--	64	130	--	--
4,4'-DDD	72-54-8	ppb-TOC	4	4	100	220	4,100	--	--	1,400	1,400	1,800	1,800	780	640	--	--
4,4'-DDE	72-55-9	ppb-TOC	4	4	100	320	6,600	--	--	2,300	2,300	3,000	3,000	1,100	1,100	--	--
4,4'-DDT	50-29-3	ppb-TOC	4	3	75	14	1,300	310	310	480	--	580	--	190	300	--	--
Aldrin	309-00-2	ppb-TOC	4	2	50	30	61	61	110	44	--	16	--	42	43	--	--
Alpha-BHC	319-84-6	ppb-TOC	4	2	50	4.8	12	110	150	37	--	34	--	22	34	--	--
Alpha-Chlordane	5103-71-9	ppb-TOC	4	4	100	37	290	--	--	110	110	120	120	75	55	--	--
Beta-BHC	319-85-7	ppb-TOC	4	3	75	7.5	140	150	150	67	--	56	--	44	61	--	--
Delta-BHC	319-86-8	ppb-TOC	3	0	0	--	--	61	150	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb-TOC	4	3	75	33	150	210	210	100	--	49	--	87	110	--	--
Endosulfan I	959-98-8	ppb-TOC	4	1	25	63	63	9.6	150	43	--	32	--	29	47	--	--
Endosulfan II	33213-65-9	ppb-TOC	4	0	0	--	--	12	310	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb-TOC	4	1	25	180	180	0.81	310	99	--	84	--	29	110	--	--
Endrin	72-20-8	ppb-TOC	4	1	25	66	66	4.8	310	82	--	64	--	40	86	--	--
Endrin Aldehyde	7421-93-4	ppb-TOC	4	0	0	--	--	3.6	310	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb-TOC	4	0	0	--	--	5.7	310	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	4	2	50	1.1	21	110	150	38	--	33	--	18	38	--	--
Gamma-Chlordane	5566-34-7	ppb-TOC	3	1	33	360	360	110	150	160	--	170	--	110	75	--	--

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Heptachlor	76-44-8	ppb-TOC	4	2	50	0.45	23	110	150	38	--	33	--	14	39	--	--
Heptachlor Epoxide	1024-57-3	ppb-TOC	4	0	0	--	--	0.15	150	--	--	--	--	--	--	--	--
Hexachlorobenzene	118-74-1	ppb-TOC	1	1	100	63	63	--	--	--	--	--	--	--	63	--	--
Methoxychlor	72-43-5	ppb-TOC	4	0	0	--	--	57	1,500	--	--	--	--	--	--	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb-TOC	3	3	100	37	660	--	--	250	250	350	350	110	50	--	--
Total DDT (2,4 & 4,4)	No CAS	ppb-TOC	3	3	100	580	17,000	--	--	6,400	6,400	9,200	9,200	2,500	1,500	--	--
Total DDT (2,4)	No CAS	ppb-TOC	3	2	67	190	5,200	310	310	1,800	--	2,900	--	540	190	--	--
Total DDT (4,4)	No CAS	ppb-TOC	4	4	100	580	12,000	--	--	4,100	4,100	5,400	5,400	2,200	1,900	--	--
Toxaphene	8001-35-2	ppb-TOC	3	0	0	--	--	6,100	15,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	3	0	0	--	--	15,000	31,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	4	4	100	2,700	9,700	--	--	5,600	5,600	3,400	3,400	4,800	5,000	--	--
2-Methylphenol	95-48-7	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	3	0	0	--	--	15,000	31,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb-TOC	3	0	0	--	--	15,000	31,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	3	0	0	--	--	15,000	31,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	3	1	33	4,400	4,400	11,000	16,000	6,000	--	1,800	--	5,800	5,500	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	3	1	33	1,600	1,600	7,800	16,000	4,500	--	3,200	--	3,700	3,900	--	--
4-Nitroaniline	100-01-6	ppb-TOC	3	0	0	--	--	15,000	31,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	3	0	0	--	--	15,000	31,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	4	4	100	1,600	6,100	--	--	3,100	3,100	2,000	2,000	2,700	2,400	--	--
Acenaphthylene	208-96-8	ppb-TOC	4	4	100	1,100	7,400	--	--	3,900	3,900	2,600	2,600	3,200	3,600	--	--
Acetophenone	98-86-2	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Anthracene	120-12-7	ppb-TOC	4	4	100	11,000	20,000	--	--	16,000	16,000	3,900	3,900	15,000	16,000	--	--
Atrazine	1912-24-9	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb-TOC	3	1	33	2,500	2,500	7,800	11,000	4,000	--	1,500	--	3,800	3,900	--	--
Benzo(a)anthracene	56-55-3	ppb-TOC	4	4	100	21,000	56,000	--	--	38,000	38,000	17,000	17,000	34,000	37,000	--	--
Benzo(a)pyrene	50-32-8	ppb-TOC	4	4	100	23,000	61,000	--	--	38,000	38,000	18,000	18,000	35,000	34,000	--	--
Benzo(b)fluoranthene	205-99-2	ppb-TOC	4	4	100	30,000	100,000	--	--	53,000	53,000	32,000	32,000	47,000	41,000	--	--
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	4	4	100	6,100	19,000	--	--	13,000	13,000	5,500	5,500	12,000	13,000	--	--
Benzo(k)fluoranthene	207-08-9	ppb-TOC	4	4	100	11,000	58,000	--	--	33,000	33,000	21,000	21,000	28,000	32,000	--	--
Biphenyl	92-52-4	ppb-TOC	4	2	50	1,800	3,300	7,800	11,000	3,600	--	1,500	--	3,400	3,600	--	--
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	3	3	100	31,000	160,000	--	--	85,000	85,000	67,000	67,000	69,000	65,000	--	--
Butyl benzyl phthalate	85-68-7	ppb-TOC	3	2	67	2,000	6,600	11,000	11,000	4,700	--	2,400	--	4,200	5,500	--	--
Caprolactam	105-60-2	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb-TOC	3	2	67	2,300	6,100	11,000	11,000	4,600	--	2,000	--	4,300	5,500	--	--
Chrysene	218-01-9	ppb-TOC	4	4	100	25,000	71,000	--	--	46,000	46,000	23,000	23,000	41,000	43,000	--	--
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	4	4	100	1,800	6,600	--	--	3,700	3,700	2,000	2,000	3,300	3,200	--	--
Dibenzofuran	132-64-9	ppb-TOC	3	2	67	1,400	4,000	7,800	7,800	3,100	--	1,500	--	2,800	3,900	--	--
Diethyl phthalate	84-66-2	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	3	1	33	2,700	2,700	11,000	16,000	5,400	--	2,700	--	4,900	5,500	--	--
Di-n-Octylphthalate	117-84-0	ppb-TOC	1	0	0	--	--	11,000	11,000	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	ppb-TOC	4	4	100	45,000	150,000	--	--	86,000	86,000	47,000	47,000	77,000	75,000	--	--
Fluorene	86-73-7	ppb-TOC	4	4	100	3,100	7,900	--	--	4,700	4,700	2,200	2,200	4,300	3,800	--	--
Hexachlorobenzene	118-74-1	ppb-TOC	3	1	33	150	150	310	800	240	--	140	--	210	160	--	--
Hexachlorobutadiene	87-68-3	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	4	4	100	5,800	18,000	--	--	12,000	12,000	5,400	5,400	11,000	12,000	--	--
Isophorone	78-59-1	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb-TOC	4	4	100	2,400	14,000	--	--	7,200	7,200	4,900	4,900	6,000	6,200	--	--
Nitrobenzene	98-95-3	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	3	0	0	--	--	7,800	16,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	3	2	67	2,700	17,000	16,000	16,000	9,200	--	7,200	--	7,200	8,000	--	--
Pentachlorophenol	87-86-5	ppb-TOC	3	0	0	--	--	610	1,600	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb-TOC	4	4	100	13,000	44,000	--	--	27,000	27,000	15,000	15,000	23,000	25,000	--	--
Phenol	108-95-2	ppb-TOC	3	1	33	3,600	3,600	11,000	16,000	5,700	--	2,200	--	5,400	5,500	--	--
Pyrene	129-00-0	ppb-TOC	4	4	100	36,000	100,000	--	--	70,000	70,000	29,000	29,000	65,000	73,000	--	--
Total HMW PAHs-SVOC	No CAS	ppb-TOC	4	4	100	230,000	630,000	--	--	390,000	390,000	190,000	190,000	360,000	350,000	--	--
Total LMW PAHs-SVOC	No CAS	ppb-TOC	4	4	100	55,000	79,000	--	--	66,000	66,000	10,000	10,000	65,000	65,000	--	--

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
TOTAL PAHs - SVOC	No CAS	ppb-TOC	4	4	100	310,000	710,000	--	--	470,000	470,000	190,000	190,000	440,000	430,000	--	--
TPH																	
Total Petroleum Hydrocarbons	TPH	ppb-TOC	3	3	100	40,000	160,000	--	--	90,000	90,000	62,000	62,000	77,000	71,000	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb-TOC	8	1	13	830	830	430	900	430	--	180	--	410	410	--	--
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	8	7	88	290	1,100	400	400	660	670	340	300	570	590	N/G/Ln	N/G/Ln
2,4-D	94-75-7	ppb-TOC	9	6	67	1,800	5,200	2,600	3,700	3,000	3,200	1,500	1,300	2,700	2,500	N/G/Ln	N/G/Ln
2,4-DB	94-82-6	ppb-TOC	2	2	100	2,400	2,900	--	--	2,700	2,700	350	350	2,600	2,700	--	--
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb-TOC	9	0	0	--	--	1,200	3,100	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb-TOC	9	0	0	--	--	1,200	3,100	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb-TOC	9	0	0	--	--	1,200	3,100	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb-TOC	9	4	44	3,100	6,300	1,200	3,100	2,800	--	2,400	--	1,900	1,600	--	--
Aroclor-1248	12672-29-6	ppb-TOC	9	0	0	--	--	1,200	3,100	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb-TOC	9	5	56	2,500	7,300	1,200	3,100	3,700	4,400	2,900	2,200	2,500	2,500	N/G	NP
Aroclor-1260	11096-82-5	ppb-TOC	9	5	56	1,700	2,100	1,200	3,100	1,500	1,800	520	140	1,400	1,700	N/G/Ln	N/Ln
Aroclor-1262	37324-23-5	ppb-TOC	9	0	0	--	--	1,200	3,100	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb-TOC	9	2	22	1,600	2,500	1,200	3,100	1,400	--	510	--	1,300	1,400	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb-TOC	9	5	56	4,000	16,000	1,200	3,100	7,100	8,400	6,700	5,100	3,700	4,000	N	NP
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb-TOC	9	6	67	1,600	16,000	1,200	3,100	7,500	7,700	6,500	5,900	4,300	6,500	N/G	N/Ln
Pesticides																	
2,4'-DDD	53-19-0	ppb-TOC	9	0	0	--	--	120	310	--	--	--	--	--	--	--	--
2,4'-DDE	3424-82-6	ppb-TOC	9	0	0	--	--	120	310	--	--	--	--	--	--	--	--
2,4'-DDT	789-02-6	ppb-TOC	9	0	0	--	--	120	310	--	--	--	--	--	--	--	--
4,4'-DDD	72-54-8	ppb-TOC	9	5	56	45	850	120	310	220	210	250	240	150	160	N/G/Ln	Ln
4,4'-DDE	72-55-9	ppb-TOC	9	5	56	40	610	120	310	240	220	200	210	170	150	N/G/Ln	N/Ln
4,4'-DDT	50-29-3	ppb-TOC	9	4	44	120	530	120	310	200	--	140	--	170	150	--	--
Aldrin	309-00-2	ppb-TOC	9	1	11	21	21	59	160	53	--	22	--	48	65	--	--
Alpha-BHC	319-84-6	ppb-TOC	9	2	22	18	270	59	160	79	--	75	--	60	65	--	--
Alpha-Chlordane	5103-71-9	ppb-TOC	9	2	22	31	340	59	160	84	--	98	--	60	65	--	--
Beta-BHC	319-85-7	ppb-TOC	8	2	25	49	120	74	160	70	--	25	--	67	68	--	--
Delta-BHC	319-86-8	ppb-TOC	9	1	11	31	31	59	160	56	--	19	--	53	65	--	--
Dieldrin	60-57-1	ppb-TOC	9	3	33	47	280	120	310	130	--	69	--	110	130	--	--
Endosulfan I	959-98-8	ppb-TOC	9	0	0	--	--	59	160	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb-TOC	9	0	0	--	--	120	310	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb-TOC	9	1	11	83	83	120	310	110	--	35	--	110	130	--	--
Endrin	72-20-8	ppb-TOC	9	0	0	--	--	120	310	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb-TOC	9	0	0	--	--	120	310	--	--	--	--	--	--	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Endrin Ketone	53494-70-5	ppb-TOC	9	2	22	63	73	120	310	100	--	38	--	93	75	--	--
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	9	2	22	21	38	59	160	53	--	22	--	49	65	--	--
Gamma-Chlordane	5566-34-7	ppb-TOC	9	1	11	450	450	59	160	100	--	130	--	68	65	--	--
Heptachlor	76-44-8	ppb-TOC	8	1	13	890	890	59	160	170	--	290	--	84	68	--	--
Heptachlor Epoxide	1024-57-3	ppb-TOC	9	2	22	19	96	72	160	58	--	24	--	53	65	--	--
Methoxychlor	72-43-5	ppb-TOC	9	0	0	--	--	590	1,600	--	--	--	--	--	--	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb-TOC	9	2	22	31	770	59	160	130	--	240	--	66	65	--	--
Total DDT (2,4 & 4,4)	No CAS	ppb-TOC	9	6	67	230	2,000	120	310	520	560	620	560	310	270	N/G/Ln	N/Ln
Total DDT (2,4)	No CAS	ppb-TOC	9	0	0	--	--	120	310	--	--	--	--	--	--	--	--
Total DDT (4,4)	No CAS	ppb-TOC	9	6	67	230	2,000	120	310	520	560	620	560	310	270	N/G/Ln	N/Ln
Toxaphene	8001-35-2	ppb-TOC	9	0	0	--	--	5,900	16,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	9	0	0	--	--	21,000	31,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	9	9	100	440	15,000	--	--	4,000	4,000	4,800	4,800	2,200	1,700	G/Ln	G/Ln
2-Methylphenol	95-48-7	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	9	0	0	--	--	21,000	31,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb-TOC	9	0	0	--	--	21,000	31,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	9	0	0	--	--	21,000	31,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	9	2	22	2,100	6,500	11,000	16,000	6,300	--	1,800	--	6,000	7,000	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	9	1	11	2,100	2,100	11,000	16,000	6,300	--	1,800	--	6,000	7,000	--	--
4-Nitroaniline	100-01-6	ppb-TOC	9	0	0	--	--	21,000	31,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	9	0	0	--	--	21,000	31,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	9	8	89	110	15,000	1,000	1,000	4,800	4,800	5,800	5,500	1,800	2,000	G/Ln	N/G/Ln

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Acenaphthylene	208-96-8	ppb-TOC	9	8	89	420	16,000	270	270	5,400	5,400	5,500	5,100	2,700	3,100	N/G/Ln	N/Ln
Acetophenone	98-86-2	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
Anthracene	120-12-7	ppb-TOC	9	9	100	570	61,000	--	--	16,000	16,000	19,000	19,000	8,300	6,600	G/Ln	G/Ln
Atrazine	1912-24-9	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb-TOC	9	3	33	2,100	3,200	11,000	16,000	5,300	--	2,200	--	4,700	6,000	--	--
Benzo(a)anthracene	56-55-3	ppb-TOC	9	9	100	570	74,000	--	--	33,000	33,000	26,000	26,000	19,000	21,000	N/G	N/G
Benzo(a)pyrene	50-32-8	ppb-TOC	9	8	89	11,000	74,000	360	360	35,000	37,000	25,000	22,000	19,000	37,000	N/G/Ln	N/Ln
Benzo(b)fluoranthene	205-99-2	ppb-TOC	9	9	100	480	93,000	--	--	38,000	38,000	29,000	29,000	23,000	31,000	N/G	N/G
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	9	9	100	350	19,000	--	--	9,600	9,600	6,600	6,600	6,300	9,700	N/G	N/G
Benzo(k)fluoranthene	207-08-9	ppb-TOC	9	9	100	370	65,000	--	--	36,000	36,000	23,000	23,000	21,000	43,000	N/G	N/G
Biphenyl	92-52-4	ppb-TOC	9	1	11	2,200	2,200	11,000	16,000	6,400	--	1,700	--	6,000	7,000	--	--
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	9	6	67	3,000	280,000	11,000	15,000	57,000	56,000	90,000	86,000	18,000	7,500	N/G/Ln	G
Butyl benzyl phthalate	85-68-7	ppb-TOC	9	4	44	2,400	5,300	11,000	16,000	5,300	--	2,100	--	4,900	5,500	--	--
Caprolactam	105-60-2	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb-TOC	9	3	33	1,700	6,200	11,000	16,000	5,800	--	1,800	--	5,400	6,200	--	--
Chrysene	218-01-9	ppb-TOC	9	9	100	710	90,000	--	--	38,000	38,000	30,000	30,000	22,000	28,000	N/G	N/G
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	9	9	100	90	6,500	--	--	3,200	3,200	2,200	2,200	2,100	3,200	N/G	N/G
Dibenzofuran	132-64-9	ppb-TOC	9	4	44	1,500	4,000	12,000	16,000	5,200	--	2,200	--	4,700	6,000	--	--
Diethyl phthalate	84-66-2	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	9	1	11	1,500	1,500	11,000	16,000	6,200	--	1,900	--	5,700	6,500	--	--
Di-n-Octylphthalate	117-84-0	ppb-TOC	4	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	ppb-TOC	9	9	100	2,300	170,000	--	--	64,000	64,000	52,000	52,000	40,000	48,000	N/G/Ln	N/G/Ln
Fluorene	86-73-7	ppb-TOC	9	9	100	570	18,000	--	--	4,900	4,900	5,800	5,800	2,700	2,000	G/Ln	G/Ln
Hexachlorobenzene	118-74-1	ppb-TOC	9	0	0	--	--	260	850	--	--	--	--	--	--	--	--
Hexachlorobutadiene	87-68-3	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	9	9	100	270	18,000	--	--	8,500	8,500	5,900	5,900	5,500	9,200	N/G	N/G
Isophorone	78-59-1	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb-TOC	9	8	89	900	14,000	440	440	4,700	4,800	4,200	3,900	2,900	4,100	N/G/Ln	N/Ln
Nitrobenzene	98-95-3	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	9	4	44	9,400	13,000	13,000	16,000	9,200	--	2,600	--	8,900	8,000	--	--
Pentachlorophenol	87-86-5	ppb-TOC	9	0	0	--	--	510	1,700	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb-TOC	9	9	100	1,600	85,000	--	--	24,000	24,000	27,000	27,000	13,000	14,000	G/Ln	G/Ln
Phenol	108-95-2	ppb-TOC	9	0	0	--	--	11,000	16,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb-TOC	9	9	100	2,200	120,000	--	--	53,000	53,000	40,000	40,000	34,000	44,000	N/G/Ln	N/G/Ln

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Total HMW PAHs-SVOC	No CAS	ppb-TOC	9	9	100	7,100	650,000	--	--	320,000	320,000	230,000	230,000	200,000	290,000	N/G	N/G
Total LMW PAHs-SVOC	No CAS	ppb-TOC	9	9	100	3,300	220,000	--	--	64,000	64,000	70,000	70,000	34,000	34,000	G/Ln	G/Ln
TOTAL PAHs - SVOC	No CAS	ppb-TOC	9	9	100	10,000	860,000	--	--	380,000	380,000	290,000	290,000	230,000	320,000	N/G/Ln	N/G/Ln
TPH																	
Total Petroleum Hydrocarbons	TPH	ppb-TOC	9	8	89	4,300	220,000	2,100	2,100	85,000	85,000	76,000	71,000	39,000	57,000	N/G/Ln	N/Ln
Volatiles																	
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	9	0	0	--	--	270	710	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	9	0	0	--	--	270	710	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb-TOC	9	0	0	--	--	270	710	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	9	0	0	--	--	270	710	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	ppb-TOC	9	0	0	--	--	270	710	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb-TOC	9	0	0	--	--	270	710	--	--	--	--	--	--	--	--
Subsurface (>3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb-TOC	18	7	39	240	990	420	1,200	490	490	230	240	450	430	N/G/Ln	G
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	15	11	73	370	2,800	400	610	640	680	630	580	500	490	NP	NP
2,4-D	94-75-7	ppb-TOC	21	16	76	1,400	6,000	790	4,900	2,500	2,500	1,300	1,200	2,100	2,200	G/Ln	Ln
2,4-DB	94-82-6	ppb-TOC	6	1	17	8,700	8,700	400	2,500	2,200	--	3,200	--	1,200	1,200	--	--
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb-TOC	21	0	0	--	--	670	4,000	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb-TOC	21	0	0	--	--	670	4,000	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb-TOC	21	0	0	--	--	670	4,000	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb-TOC	21	8	38	6,000	46,000	1,200	4,000	8,100	11,000	12,000	9,700	3,200	1,900	N/G/Ln	NP
Aroclor-1248	12672-29-6	ppb-TOC	21	0	0	--	--	670	4,000	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb-TOC	21	8	38	6,600	30,000	1,200	4,000	6,800	10,000	8,500	6,300	3,100	1,900	N/G/Ln	NP
Aroclor-1260	11096-82-5	ppb-TOC	21	8	38	2,200	9,400	1,200	4,000	2,300	2,900	2,000	1,600	1,800	1,900	G/Ln	Ln
Aroclor-1262	37324-23-5	ppb-TOC	21	0	0	--	--	670	4,000	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb-TOC	21	0	0	--	--	670	4,000	--	--	--	--	--	--	--	--
Total Aroclor PCBs (Sum of 7 Aroclors)	No CAS	ppb-TOC	21	8	38	15,000	87,000	1,200	4,000	16,000	24,000	23,000	18,000	4,300	1,900	N/G/Ln	NP
Total Aroclor PCBs (Sum of 9 Aroclors)	No CAS	ppb-TOC	21	8	38	15,000	87,000	1,200	4,000	16,000	24,000	23,000	18,000	4,300	1,900	N/G/Ln	NP
Pesticides																	
2,4'-DDD	53-19-0	ppb-TOC	20	4	20	150	360	120	400	150	--	81	--	140	140	--	--
2,4'-DDE	3424-82-6	ppb-TOC	21	8	38	190	480	120	400	200	240	110	83	170	190	N/G/Ln	N/Ln
2,4'-DDT	789-02-6	ppb-TOC	19	0	0	--	--	89	400	--	--	--	--	--	--	--	--
4,4'-DDD	72-54-8	ppb-TOC	21	11	52	25	1,100	160	400	290	260	310	320	180	180	N/G/Ln	NP
4,4'-DDE	72-55-9	ppb-TOC	21	8	38	570	2,100	120	400	510	780	600	420	270	190	N/G/Ln	NP
4,4'-DDT	50-29-3	ppb-TOC	21	6	29	170	620	120	400	210	240	160	130	170	170	N/G/Ln	NP
Aldrin	309-00-2	ppb-TOC	21	0	0	--	--	33	210	--	--	--	--	--	--	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Alpha-BHC	319-84-6	ppb-TOC	21	0	0	--	--	33	210	--	--	--	--	--	--	--	--
Alpha-Chlordane	5103-71-9	ppb-TOC	21	7	33	29	300	60	210	98	81	79	85	75	75	N/G/Ln	NP
Beta-BHC	319-85-7	ppb-TOC	19	4	21	94	220	70	210	84	--	46	--	75	75	--	--
Delta-BHC	319-86-8	ppb-TOC	21	0	0	--	--	33	210	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	ppb-TOC	21	8	38	130	1,300	120	400	340	350	400	390	200	170	N/G/Ln	NP
Endosulfan I	959-98-8	ppb-TOC	21	1	5	56	56	45	210	57	--	26	--	51	55	--	--
Endosulfan II	33213-65-9	ppb-TOC	21	3	14	25	36	66	400	100	--	59	--	85	95	--	--
Endosulfan Sulfate	1031-07-8	ppb-TOC	21	0	0	--	--	66	400	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb-TOC	21	2	10	20	24	66	400	100	--	58	--	87	95	--	--
Endrin Aldehyde	7421-93-4	ppb-TOC	21	0	0	--	--	66	400	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb-TOC	21	1	5	34	34	66	400	110	--	55	--	93	95	--	--
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	21	1	5	120	120	33	210	59	--	30	--	52	55	--	--
Gamma-Chlordane	5566-34-7	ppb-TOC	19	8	42	19	530	79	210	160	140	160	170	100	90	N/G/Ln	NP
Heptachlor	76-44-8	ppb-TOC	21	0	0	--	--	33	210	--	--	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	ppb-TOC	18	6	33	27	390	60	210	110	89	91	98	81	88	N/G/Ln	NP
Methoxychlor	72-43-5	ppb-TOC	21	0	0	--	--	330	2,100	--	--	--	--	--	--	--	--
Total Alpha + Gamma Chlordane	No CAS	ppb-TOC	21	10	48	19	820	60	210	190	180	260	270	93	83	G	NP
Total DDT (2,4 & 4,4)	No CAS	ppb-TOC	21	11	52	25	3,800	160	400	1,000	950	1,400	1,400	320	190	N/G	NP
Total DDT (2,4)	No CAS	ppb-TOC	21	8	38	190	840	120	400	250	290	220	190	180	190	N/G/Ln	NP
Total DDT (4,4)	No CAS	ppb-TOC	21	11	52	25	3,200	160	400	840	780	1,100	1,100	300	190	N/G	NP
Toxaphene	8001-35-2	ppb-TOC	21	0	0	--	--	3,300	21,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	21	0	0	--	--	16,000	59,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	21	18	86	73	370,000	330	400	48,000	48,000	98,000	95,000	3,600	5,700	G/Ln	G/Ln
2-Methylphenol	95-48-7	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	21	0	0	--	--	16,000	59,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
3-Nitroaniline	99-09-2	ppb-TOC	21	0	0	--	--	16,000	59,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	21	0	0	--	--	16,000	59,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	21	3	14	2,300	8,600	8,100	31,000	8,100	--	3,300	--	7,400	8,600	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	21	3	14	1,900	3,700	11,000	31,000	8,300	--	3,400	--	7,400	9,000	--	--
4-Nitroaniline	100-01-6	ppb-TOC	21	0	0	--	--	16,000	59,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	21	0	0	--	--	16,000	59,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	21	17	81	50	60,000	330	400	12,000	12,000	17,000	16,000	2,400	6,600	G	NP
Acenaphthylene	208-96-8	ppb-TOC	21	14	67	77	25,000	220	12,000	5,500	5,200	7,600	7,500	1,500	3,000	G/Ln	Ln
Acetophenone	98-86-2	ppb-TOC	21	1	5	2,600	2,600	8,100	31,000	8,600	--	3,100	--	8,000	9,000	--	--
Anthracene	120-12-7	ppb-TOC	21	19	91	120	210,000	380	460	46,000	46,000	62,000	60,000	6,800	27,000	G	NP
Atrazine	1912-24-9	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb-TOC	21	3	14	2,400	3,100	8,100	31,000	7,900	--	3,500	--	7,100	7,500	--	--
Benzo(a)anthracene	56-55-3	ppb-TOC	21	18	86	170	130,000	380	8,400	40,000	40,000	45,000	44,000	9,100	24,000	G	NP
Benzo(a)pyrene	50-32-8	ppb-TOC	21	14	67	10,000	110,000	220	600	35,000	38,000	40,000	37,000	6,600	23,000	Ln	NP
Benzo(b)fluoranthene	205-99-2	ppb-TOC	21	18	86	170	84,000	330	400	29,000	29,000	30,000	29,000	6,800	26,000	NP	NP
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	21	18	86	130	30,000	330	400	9,800	9,800	10,000	10,000	3,000	6,400	G	NP
Benzo(k)fluoranthene	207-08-9	ppb-TOC	21	18	86	130	94,000	380	8,400	29,000	29,000	32,000	32,000	7,200	21,000	G	NP
Biphenyl	92-52-4	ppb-TOC	21	7	33	2,600	33,000	11,000	25,000	9,500	5,900	8,000	8,500	7,500	7,500	NP	NP
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	21	10	48	3,300	430,000	8,100	25,000	100,000	100,000	140,000	140,000	29,000	11,000	N/G	NP
Butyl benzyl phthalate	85-68-7	ppb-TOC	21	3	14	2,400	3,000	8,100	31,000	8,000	--	3,600	--	7,100	8,500	--	--
Caprolactam	105-60-2	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb-TOC	21	9	43	1,300	54,000	11,000	25,000	12,000	8,700	13,000	14,000	7,600	8,300	G/Ln	NP
Chrysene	218-01-9	ppb-TOC	21	19	91	86	150,000	230	380	50,000	50,000	53,000	51,000	8,800	36,000	G	N
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	21	16	76	120	10,000	220	8,400	3,900	3,800	3,400	3,400	1,800	2,900	N/G	N
Dibenzofuran	132-64-9	ppb-TOC	21	9	43	1,200	47,000	11,000	24,000	11,000	7,900	12,000	12,000	7,400	8,500	G/Ln	NP
Diethyl phthalate	84-66-2	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	21	1	5	6,400	6,400	8,100	31,000	8,500	--	2,900	--	8,000	8,500	--	--
Di-n-Octylphthalate	117-84-0	ppb-TOC	13	0	0	--	--	8,100	34,000	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	ppb-TOC	21	21	100	200	200,000	--	--	74,000	74,000	69,000	69,000	17,000	57,000	NP	NP
Fluorene	86-73-7	ppb-TOC	21	21	100	83	130,000	--	--	23,000	23,000	36,000	36,000	3,700	8,400	G/Ln	G/Ln
Hexachlorobenzene	118-74-1	ppb-TOC	21	4	19	96	610	220	2,200	320	--	250	--	250	190	--	--
Hexachlorobutadiene	87-68-3	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Kill van Kull (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	21	18	86	100	25,000	330	400	8,400	8,400	8,900	8,700	2,500	5,100	G	NP
Isophorone	78-59-1	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb-TOC	21	13	62	2,800	85,000	220	820	15,000	16,000	23,000	22,000	2,900	6,900	G/Ln	NP
Nitrobenzene	98-95-3	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	21	10	48	1,600	100,000	11,000	25,000	19,000	18,000	27,000	27,000	10,000	9,000	G/Ln	NP
Pentachlorophenol	87-86-5	ppb-TOC	21	0	0	--	--	430	4,500	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb-TOC	21	21	100	98	380,000	--	--	83,000	83,000	110,000	110,000	12,000	52,000	G	G
Phenol	108-95-2	ppb-TOC	21	0	0	--	--	8,100	31,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb-TOC	21	18	86	600	200,000	340	560	70,000	70,000	72,000	70,000	15,000	50,000	N/G	N
Total HMW PAHs-SVOC	No CAS	ppb-TOC	21	21	100	200	1,000,000	--	--	350,000	350,000	350,000	350,000	61,000	250,000	NP	NP
Total LMW PAHs-SVOC	No CAS	ppb-TOC	21	21	100	180	1,200,000	--	--	230,000	230,000	350,000	350,000	29,000	130,000	G	G
TOTAL PAHs - SVOC	No CAS	ppb-TOC	21	21	100	380	1,800,000	--	--	590,000	590,000	610,000	610,000	99,000	430,000	G	G
TPH																	
Total Petroleum Hydrocarbons	TPH	ppb-TOC	21	16	76	2,600	320,000	2,000	2,400	120,000	120,000	120,000	120,000	31,000	100,000	N/G	N
Volatiles																	
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	21	0	0	--	--	160	25,000	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	21	0	0	--	--	160	25,000	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb-TOC	21	1	5	270	270	400	25,000	4,100	--	5,100	--	1,100	390	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	21	4	19	220	7,900	420	25,000	3,900	--	4,900	--	1,100	390	--	--
1,4-Dichlorobenzene	106-46-7	ppb-TOC	21	5	24	330	8,100	420	25,000	3,800	1,600	4,700	2,700	1,200	390	N/G/Ln	NP
Chlorobenzene	108-90-7	ppb-TOC	21	6	29	270	120,000	270	850	6,600	6,600	26,000	25,000	530	320	G/Ln	NP

Table D-14
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Kill van Kull (Normalized)

Abbreviations:

-- not applicable due to frequency of detection
1/2 DL = half the detection limit (e.g., sample reporting limit)
Al = Aluminum
CARP = Contaminant Assessment and Reduction Program
CAS = Chemical Abstracts Service
Fe = Iron
FOD = frequency of detection (detects / total)
ft bss = feet below sediment surface
GM = geometric mean
GOF = goodness-of-fit
HMW = high molecular weight
KM = Kaplan-Meier
LMW = low molecular weight
Max = maximum
Min = minimum
NBSA = Newark Bay Study Area
ND = nondetect
NOAA = National Oceanic and Atmospheric Adminis
PAH = polynuclear aromatic hydrocarbon
PCB = polycyclic aromatic hydrocarbon
ppb = parts per billiom
ppm = parts per milliom
ppt = parts per trillion
ROS = regression on ordered statistics
SD = standard deviation
SVOC = semivolatile organic compound
TOC = total organic carbon
TPH = total petroleum hydrocarbon

Notes:

[1] Total concentrations are based on the sum of detected observations; therefore statistics for totals are based on detected observations.

[2] KM and GOF statistics generated using USEPA ProUCL (v. 4.1.01) software (USEPA, 2011). Remaining statistics generated in MS Access 2010.

[3] When FOD = 100%, the KM statistics are equal to the arithmetic mean and standard deviation of the full dataset.

[4] KM statistics and GOF results only reported for constituents with at least 8 total observations and 5 distinct detected observations (USEPA, 2010).

[5] The GM is a parameter that specifically defines a lognormal distribution and is equal to the anti-log of the mean of the log-transformed values. GM is generally not descriptive of the central tendency for data that are not lognormally distributed.

[6] Distribution assessed by GOF tests at 95% confidence level (α = 0.05) using ProUCL 4.1.01 Left-censored data are evaluated with both detects only and ROS methods (USEPA, 2010).
Normal (N): dataset follows a normal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Gamma (G): dataset follows a gamma distribution, according to the Kolmogorov-Smirnov test.
Lognormal (Ln): dataset follows a lognormal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Nonparametric (NP): dataset does not follow any of the three distributions noted above.

[7] Level = data usability levels. For information about these levels and their applicability, please refer to Section 3 of the report.

[8] This table presents data for each of the 18 select chemicals (where available) identified for focused evaluation in Section 4.3

[9] Organic compounds are normalized to TOC and inorganic compounds are normalized to aluminum.

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	24	24	100	2,000	22,300	--	--	9,840	9,840	4,600	4,600	8,850	9,470	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	24	24	100	2,020	61,200	--	--	16,400	16,400	12,900	12,900	12,400	13,000	G/Ln	G/Ln
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	24	24	100	82.1	1,470	--	--	533	533	344	344	419	472	N/G/Ln	N/G/Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	24	22	92	15.8	312	37.4	62.0	147	146	73.1	72.8	121	144	N/G	N
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	24	24	100	544	19,400	--	--	4,410	4,410	3,930	3,930	3,240	3,700	G/Ln	G/Ln
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	24	24	100	101	1,190	--	--	568	568	265	265	501	526	N/G	N/G
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	24	24	100	124	2,950	--	--	931	931	640	640	732	827	G/Ln	G/Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	24	24	100	45.4	863	--	--	398	398	182	182	347	396	N/G	N/G
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	24	14	58	9.81	324	5.83	50.4	59.3	60.4	95.8	93.1	20.5	14.4	NP	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	24	23	96	45.9	290	18.3	18.3	133	134	63.7	59.7	113	131	N/G/Ln	N/Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	24	24	100	42.8	755	--	--	311	311	201	201	246	285	N/G/Ln	N/G/Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	24	23	96	80.4	876	1,760	1,760	393	372	226	201	332	361	G/Ln	G/Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	24	24	100	121	1,980	--	--	667	667	485	485	520	593	G/Ln	G/Ln
2,3,7,8-TCDD	1746-01-6	ppt-TOC	24	24	100	827	26,900	--	--	5,640	5,640	5,180	5,180	4,350	4,170	G/Ln	G/Ln
2,3,7,8-TCDF	51207-31-9	ppt-TOC	24	23	96	86.9	1,350	1,760	1,760	526	511	350	342	425	417	G/Ln	G/Ln
OCDD	3268-87-9	ppt-TOC	24	24	100	25,600	355,000	--	--	115,000	115,000	61,600	61,600	103,000	102,000	G	G
OCDF	39001-02-0	ppt-TOC	24	24	100	3,630	104,000	--	--	28,100	28,100	21,300	21,300	21,900	21,900	G/Ln	G/Ln
Total HpCDD	37871-00-4	ppt-TOC	24	24	100	4,770	56,700	--	--	24,000	24,000	11,100	11,100	21,800	23,200	NP	NP
Total HpCDF	38998-75-3	ppt-TOC	24	24	100	3,020	75,500	--	--	22,400	22,400	15,900	15,900	17,600	18,200	G/Ln	G/Ln
Total HxCDD	34465-46-8	ppt-TOC	24	24	100	756	12,100	--	--	5,170	5,170	2,400	2,400	4,600	4,770	N/G	N/G
Total HxCDF	55684-94-1	ppt-TOC	24	24	100	1,920	39,600	--	--	13,100	13,100	8,460	8,460	10,600	12,100	G/Ln	G/Ln
Total PeCDD	36088-22-9	ppt-TOC	24	24	100	141	9,370	--	--	1,690	1,690	1,750	1,750	1,230	1,470	G	G
Total PeCDF	30402-15-4	ppt-TOC	24	24	100	2,160	23,700	--	--	10,500	10,500	5,560	5,560	9,050	10,200	N/G/Ln	N/G/Ln
Total TCDD	41903-57-5	ppt-TOC	24	24	100	1,360	30,500	--	--	8,180	8,180	5,820	5,820	6,750	7,070	G/Ln	G/Ln
Total TCDF	55722-27-5	ppt-TOC	24	24	100	3,070	32,600	--	--	13,500	13,500	7,230	7,230	11,700	12,000	N/G/Ln	N/G/Ln
PCB Congeners																	
PCB-1	2051-60-7	ppt-TOC	23	23	100	2,710	47,600	--	--	18,800	18,800	11,000	11,000	15,900	15,300	G/Ln	G/Ln
PCB-100	39485-83-1	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-103	60145-21-3	ppt-TOC	19	19	100	3,790	33,500	--	--	17,000	17,000	7,240	7,240	15,400	16,400	N/G/Ln	N/G/Ln
PCB-104	56558-16-8	ppt-TOC	19	19	100	1,050	6,990	--	--	4,240	4,240	1,730	1,730	3,830	4,290	N/G/Ln	N/G/Ln
PCB-105	32598-14-4	ppt-TOC	24	24	100	33,800	1,090,000	--	--	283,000	283,000	232,000	232,000	221,000	186,000	Ln	Ln
PCB-106/118	PCB-106/118	ppt-TOC	1	1	100	501,000	501,000	--	--	--	--	--	--	--	501,000	--	--
PCB-11	2050-67-1	ppt-TOC	19	19	100	22,600	396,000	--	--	119,000	119,000	88,800	88,800	96,100	100,000	G/Ln	G/Ln
PCB-110	38380-03-9	ppt-TOC	14	14	100	156,000	1,140,000	--	--	615,000	615,000	225,000	225,000	568,000	628,000	N/G	N/G
PCB-113	68194-10-5	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-114	74472-37-0	ppt-TOC	24	24	100	2,140	54,800	--	--	16,100	16,100	12,300	12,300	12,700	11,100	Ln	Ln
PCB-119	56558-17-9	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-12/13	PCB-12/13	ppt-TOC	5	5	100	9,700	108,000	--	--	48,800	48,800	38,400	38,400	36,400	37,800	--	--
PCB-120	68194-12-7	ppt-TOC	19	17	90	418	5,040	789	947	1,900	1,900	1,160	1,140	1,570	1,670	G	Ln
PCB-121	56558-18-0	ppt-TOC	19	3	16	257	691	189	5,710	420	--	610	--	280	257	--	--

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-122	76842-07-4	ppt-TOC	19	19	100	1,890	21,700	--	--	8,690	8,690	4,750	4,750	7,650	8,060	G/Ln	G/Ln
PCB-123	65510-44-3	ppt-TOC	24	24	100	1,590	38,600	--	--	12,100	12,100	8,480	8,480	9,850	8,380	G/Ln	G/Ln
PCB-124	70424-70-3	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-126	57465-28-8	ppt-TOC	24	19	79	774	9,130	611	27,900	3,580	2,680	3,310	2,260	2,500	2,040	NP	Ln
PCB-127	39635-33-1	ppt-TOC	19	8	42	315	1,660	153	5,710	710	571	792	421	397	365	N/G/Ln	NP
PCB-129	55215-18-4	ppt-TOC	14	14	100	124,000	948,000	--	--	623,000	623,000	199,000	199,000	575,000	639,000	N	N
PCB-130	52663-66-8	ppt-TOC	19	19	100	7,490	119,000	--	--	45,200	45,200	26,000	26,000	39,300	38,100	G	G
PCB-131	61798-70-7	ppt-TOC	19	19	100	1,400	23,100	--	--	9,110	9,110	5,410	5,410	7,820	7,800	G	G
PCB-134/143	PCB-134/143	ppt-TOC	5	4	80	35,700	97,100	11,400	11,400	48,700	--	33,100	--	35,300	51,900	--	--
PCB-135	52744-13-5	ppt-TOC	14	14	100	46,500	343,000	--	--	221,000	221,000	71,300	71,300	204,000	227,000	N/G	N/G
PCB-136	38411-22-2	ppt-TOC	19	19	100	16,700	284,000	--	--	110,000	110,000	68,300	68,300	93,200	94,000	G/Ln	G/Ln
PCB-137	35694-06-5	ppt-TOC	19	19	100	5,750	75,500	--	--	31,500	31,500	15,900	15,900	27,900	26,700	G/Ln	G/Ln
PCB-14	34883-41-5	ppt-TOC	19	5	26	150	444	130	5,710	406	213	644	92.1	242	226	N/G/Ln	NP
PCB-140	59291-64-4	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-141	52712-04-6	ppt-TOC	19	19	100	22,500	400,000	--	--	158,000	158,000	95,800	95,800	134,000	138,000	G	G
PCB-144	68194-14-9	ppt-TOC	19	19	100	5,600	111,000	--	--	37,500	37,500	24,600	24,600	31,400	30,900	G/Ln	G/Ln
PCB-145	74472-40-5	ppt-TOC	19	14	74	86.2	578	643	11,400	640	310	1,240	128	374	322	N/G/Ln	N/G
PCB-147	68194-13-8	ppt-TOC	14	14	100	116,000	869,000	--	--	544,000	544,000	175,000	175,000	504,000	570,000	N/G	N/G
PCB-148	74472-41-6	ppt-TOC	19	17	90	599	6,470	1,200	1,890	2,400	2,420	1,380	1,330	2,050	2,230	G/Ln	N/G/Ln
PCB-15	2050-68-2	ppt-TOC	23	23	100	40,200	1,010,000	--	--	291,000	291,000	226,000	226,000	226,000	219,000	G/Ln	G/Ln
PCB-150	68194-08-1	ppt-TOC	19	19	100	820	8,860	--	--	4,020	4,020	2,090	2,090	3,550	3,410	G/Ln	G/Ln
PCB-151	52663-63-5	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-152	68194-09-2	ppt-TOC	19	18	95	463	6,010	1,350	1,350	2,270	2,290	1,370	1,310	1,910	2,300	G/Ln	G/Ln
PCB-153	35065-27-1	ppt-TOC	18	18	100	116,000	1,940,000	--	--	714,000	714,000	378,000	378,000	629,000	647,000	G	G
PCB-154	60145-22-4	ppt-TOC	18	18	100	0.00	43,200	--	--	6,140	6,140	12,900	12,900	25,600	0.00	NP	NP
PCB-155	33979-03-2	ppt-TOC	19	19	100	1,780	35,600	--	--	8,970	8,970	7,860	7,860	7,030	6,600	G/Ln	G/Ln
PCB-156	38380-08-4	ppt-TOC	19	19	100	13,800	213,000	--	--	81,800	81,800	41,400	41,400	72,400	73,300	G	G
PCB-157	69782-90-7	ppt-TOC	19	19	100	0.00	38,700	--	--	5,730	5,730	10,900	10,900	20,200	0.00	NP	NP
PCB-159	39635-35-3	ppt-TOC	19	19	100	1,320	31,400	--	--	9,860	9,860	6,780	6,780	8,180	7,600	NP	NP
PCB-166	41411-63-6	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-167	52663-72-6	ppt-TOC	24	24	100	5,150	87,100	--	--	33,500	33,500	19,000	19,000	29,100	27,100	G	G
PCB-168	59291-65-5	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-169	32774-16-6	ppt-TOC	24	4	17	3,120	6,570	215	27,900	2,570	--	3,440	--	1,010	492	--	--
PCB-17	37680-66-3	ppt-TOC	19	19	100	39,800	356,000	--	--	154,000	154,000	82,100	82,100	137,000	130,000	G/Ln	G/Ln
PCB-170	35065-30-6	ppt-TOC	23	23	100	28,100	657,000	--	--	238,000	238,000	155,000	155,000	197,000	176,000	G/Ln	G/Ln
PCB-171	52663-71-5	ppt-TOC	14	14	100	9,460	77,800	--	--	50,400	50,400	16,700	16,700	46,200	54,300	N/G	N/G
PCB-172	52663-74-8	ppt-TOC	19	19	100	5,780	117,000	--	--	40,700	40,700	27,100	27,100	33,900	31,900	G/Ln	G/Ln
PCB-173	68194-16-1	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-174	38411-25-5	ppt-TOC	19	19	100	32,000	743,000	--	--	245,000	245,000	172,000	172,000	201,000	189,000	G/Ln	G/Ln
PCB-175	40186-70-7	ppt-TOC	19	19	100	1,750	31,400	--	--	11,000	11,000	7,450	7,450	9,190	8,640	NP	NP
PCB-176	52663-65-7	ppt-TOC	19	19	100	4,720	109,000	--	--	35,100	35,100	25,400	25,400	28,700	27,300	NP	NP
PCB-177	52663-70-4	ppt-TOC	19	19	100	20,100	400,000	--	--	143,000	143,000	95,200	95,200	119,000	115,000	G	G
PCB-178	52663-67-9	ppt-TOC	19	19	100	8,800	151,000	--	--	55,400	55,400	36,400	36,400	46,700	44,400	G	G

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-179	52663-64-6	ppt-TOC	19	19	100	16,300	343,000	--	--	119,000	119,000	80,500	80,500	99,100	93,700	G	G
PCB-18	37680-65-2	ppt-TOC	19	19	100	72,500	2,500,000	--	--	428,000	428,000	543,000	543,000	294,000	239,000	Ln	Ln
PCB-180	35065-29-3	ppt-TOC	18	18	100	73,100	1,470,000	--	--	497,000	497,000	315,000	315,000	420,000	400,000	G/Ln	G/Ln
PCB-181	74472-47-2	ppt-TOC	19	17	90	384	4,290	1,220	1,980	1,740	1,770	856	818	1,540	1,710	G	G/Ln
PCB-183	52663-69-1	ppt-TOC	20	20	100	26,300	429,000	--	--	182,000	182,000	106,000	106,000	155,000	150,000	G	G
PCB-184	74472-48-3	ppt-TOC	23	16	70	275	4,320	478	27,900	2,290	1,060	3,230	874	1,210	939	Ln	Ln
PCB-185	52712-05-7	ppt-TOC	16	16	100	0.00	74,300	--	--	8,470	8,470	23,300	23,300	67,400	0.00	NP	NP
PCB-186	74472-49-4	ppt-TOC	19	4	21	62.3	99.2	24.0	11,400	424	--	1,290	--	74.8	43.7	--	--
PCB-188	74487-85-7	ppt-TOC	19	17	90	224	22,700	550	857	2,050	2,050	5,010	4,880	964	978	NP	NP
PCB-189	39635-31-9	ppt-TOC	24	20	83	946	24,900	11,500	27,900	8,070	7,790	5,580	5,510	6,680	5,770	G	G
PCB-19	38444-73-4	ppt-TOC	19	19	100	8,680	61,200	--	--	30,700	30,700	12,500	12,500	28,300	27,200	N/G/Ln	N/G/Ln
PCB-190	41411-64-7	ppt-TOC	19	19	100	6,530	131,000	--	--	45,700	45,700	30,700	30,700	37,900	35,500	Ln	Ln
PCB-191	74472-50-7	ppt-TOC	19	19	100	1,560	26,900	--	--	9,650	9,650	6,060	6,060	8,220	7,970	NP	NP
PCB-192	74472-51-8	ppt-TOC	19	6	32	49.2	257	28.6	11,400	449	77.8	1,290	55.1	95.4	61.2	N/G/Ln	NP
PCB-193	69782-91-8	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-194	35694-08-7	ppt-TOC	23	23	100	18,100	486,000	--	--	161,000	161,000	108,000	108,000	132,000	124,000	G/Ln	G/Ln
PCB-195	52663-78-2	ppt-TOC	23	23	100	6,890	200,000	--	--	60,800	60,800	41,900	41,900	49,900	46,000	G/Ln	G/Ln
PCB-197	33091-17-7	ppt-TOC	19	19	100	3,220	26,100	--	--	15,500	15,500	6,360	6,360	13,800	16,800	N/G	N/G
PCB-198	68194-17-2	ppt-TOC	14	14	100	22,800	216,000	--	--	129,000	129,000	44,700	44,700	118,000	130,000	N	N
PCB-199	52663-75-9	ppt-TOC	15	15	100	0.00	61,200	--	--	4,080	4,080	15,800	15,800	61,200	0.00	NP	NP
PCB-2	2051-61-8	ppt-TOC	19	19	100	1,820	18,700	--	--	7,040	7,040	4,380	4,380	5,890	6,260	G/Ln	G/Ln
PCB-200	52663-73-7	ppt-TOC	18	18	100	0.00	65,700	--	--	7,850	7,850	17,500	17,500	31,500	0.00	NP	NP
PCB-201	40186-71-8	ppt-TOC	19	19	100	2,400	68,600	--	--	21,700	21,700	14,600	14,600	18,000	17,500	G	G
PCB-202	2136-99-4	ppt-TOC	23	23	100	7,010	120,000	--	--	49,900	49,900	30,000	30,000	42,600	39,700	NP	NP
PCB-204	74472-52-9	ppt-TOC	19	14	74	88.6	279	400	11,400	508	163	1,270	52.4	226	180	N/G/Ln	N/G/Ln
PCB-205	74472-53-0	ppt-TOC	19	19	100	1,040	25,700	--	--	7,380	7,380	5,490	5,490	6,050	5,470	Ln	Ln
PCB-206	40186-72-9	ppt-TOC	23	23	100	17,000	501,000	--	--	130,000	130,000	104,000	104,000	103,000	89,000	Ln	Ln
PCB-207	52663-79-3	ppt-TOC	23	20	87	1,730	37,900	11,500	27,900	12,000	12,000	8,280	8,100	10,000	9,060	NP	NP
PCB-208	52663-77-1	ppt-TOC	19	19	100	5,490	201,000	--	--	41,500	41,500	42,200	42,200	31,500	28,500	NP	NP
PCB-209	2051-24-3	ppt-TOC	23	23	100	11,800	201,000	--	--	86,200	86,200	49,900	49,900	72,000	67,000	G	G
PCB-22	38444-85-8	ppt-TOC	19	19	100	46,400	432,000	--	--	188,000	188,000	102,000	102,000	165,000	166,000	G/Ln	G/Ln
PCB-23	55720-44-0	ppt-TOC	19	13	68	235	694	267	5,710	521	392	590	135	394	353	N/G/Ln	N/G/Ln
PCB-25	55712-37-3	ppt-TOC	19	19	100	16,900	155,000	--	--	70,900	70,900	31,900	31,900	64,200	61,400	N/G/Ln	N/G/Ln
PCB-26	38444-81-4	ppt-TOC	14	14	100	29,500	171,000	--	--	109,000	109,000	35,200	35,200	102,000	105,000	N/G	N/G
PCB-28	7012-37-5	ppt-TOC	18	18	100	0.00	3,020,000	--	--	585,000	585,000	1,140,000	1,140,000	2,600,000	0.00	NP	NP
PCB-29	15862-07-4	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-3	2051-62-9	ppt-TOC	23	23	100	3,030	57,600	--	--	21,000	21,000	14,400	14,400	17,100	16,400	G/Ln	G/Ln
PCB-30	35693-92-6	ppt-TOC	15	14	93	0.00	0.00	5,710	5,710	190	--	737	--	2,860	0.00	NP	NP
PCB-31	16606-02-3	ppt-TOC	19	19	100	129,000	1,290,000	--	--	539,000	539,000	302,000	302,000	472,000	451,000	G/Ln	G/Ln
PCB-34	37680-68-5	ppt-TOC	19	19	100	898	6,830	--	--	3,330	3,330	1,520	1,520	3,010	2,910	N/G/Ln	N/G/Ln
PCB-35	37680-69-6	ppt-TOC	19	19	100	3,840	68,300	--	--	21,200	21,200	17,100	17,100	16,700	15,000	Ln	Ln
PCB-36	38444-87-0	ppt-TOC	19	11	58	331	1,410	183	5,710	632	554	644	314	438	383	N/G/Ln	N/Ln
PCB-37	38444-90-5	ppt-TOC	19	19	100	41,600	612,000	--	--	213,000	213,000	142,000	142,000	179,000	166,000	G/Ln	G/Ln

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-38	53555-66-1	ppt-TOC	19	5	26	183	840	196	5,710	415	278	624	176	258	200	N/G/Ln	G
PCB-39	38444-88-1	ppt-TOC	19	18	95	796	11,200	5,710	5,710	3,600	3,610	2,160	2,110	3,140	3,120	G/Ln	G
PCB-40	38444-93-8	ppt-TOC	14	14	100	82,000	536,000	--	--	297,000	297,000	101,000	101,000	278,000	286,000	N/G	N/G
PCB-44	41464-39-5	ppt-TOC	18	18	100	183,000	3,030,000	--	--	809,000	809,000	599,000	599,000	692,000	686,000	NP	NP
PCB-45	70362-45-7	ppt-TOC	15	15	100	44,200	396,000	--	--	169,000	169,000	81,800	81,800	152,000	158,000	N/G/Ln	N/G/Ln
PCB-46	41464-47-5	ppt-TOC	19	19	100	8,140	89,900	--	--	36,500	36,500	20,600	20,600	31,900	29,000	G/Ln	G/Ln
PCB-47	2437-79-8	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-50	62796-65-0	ppt-TOC	14	14	100	26,400	163,000	--	--	93,500	93,500	33,200	33,200	87,000	90,500	N/G/Ln	N/G/Ln
PCB-51	68194-04-7	ppt-TOC	15	15	100	0.00	396,000	--	--	26,400	26,400	102,000	102,000	396,000	0.00	NP	NP
PCB-53	41464-41-9	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-54	15968-05-5	ppt-TOC	19	19	100	2,790	21,300	--	--	10,500	10,500	5,040	5,040	9,230	11,400	N/G/Ln	N/G/Ln
PCB-55	74338-24-2	ppt-TOC	19	19	100	2,020	20,000	--	--	9,560	9,560	4,550	4,550	8,460	9,310	N/G/Ln	N/G/Ln
PCB-57	70424-67-8	ppt-TOC	19	18	95	1,400	12,600	922	922	3,220	3,270	2,700	2,580	2,570	2,770	NP	Ln
PCB-58	41464-49-7	ppt-TOC	19	17	90	1,020	57,600	934	1,140	4,590	4,640	12,900	12,500	1,800	1,670	NP	NP
PCB-6	25569-80-6	ppt-TOC	19	19	100	8,560	93,500	--	--	34,800	34,800	17,700	17,700	31,300	32,200	G/Ln	G/Ln
PCB-62	54230-22-7	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-63	74472-34-7	ppt-TOC	19	19	100	3,800	68,300	--	--	23,200	23,200	14,700	14,700	19,800	19,100	Ln	Ln
PCB-65	33284-54-7	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-67	73575-53-8	ppt-TOC	19	19	100	2,740	50,400	--	--	18,100	18,100	10,900	10,900	15,500	15,600	G	G
PCB-68	73575-52-7	ppt-TOC	19	18	95	2,740	13,700	982	982	5,410	5,530	2,910	2,670	4,610	4,870	Ln	Ln
PCB-73	74338-23-1	ppt-TOC	16	3	19	4,000	6,710	20.7	1,150	1,080	--	2,240	--	84.1	35.3	--	--
PCB-74	32690-93-0	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-77	32598-13-3	ppt-TOC	24	24	100	11,600	432,000	--	--	102,000	102,000	92,700	92,700	76,900	66,800	Ln	Ln
PCB-78	70362-49-1	ppt-TOC	19	2	11	449	701	65.4	3,130	318	--	363	--	190	148	--	--
PCB-79	41464-48-6	ppt-TOC	19	18	95	1,920	22,300	850	850	5,620	5,700	5,490	5,280	4,060	4,090	NP	Ln
PCB-80	33284-52-5	ppt-TOC	19	8	42	918	2,410	166	2,770	1,010	1,350	863	558	605	570	N/G	NP
PCB-81	70362-50-4	ppt-TOC	24	22	92	935	43,300	970	1,140	6,680	6,720	11,400	11,100	2,590	1,820	NP	NP
PCB-82	52663-62-4	ppt-TOC	19	19	100	18,500	223,000	--	--	84,000	84,000	51,000	51,000	72,300	67,600	G/Ln	G/Ln
PCB-83	60145-20-2	ppt-TOC	14	14	100	95,200	704,000	--	--	387,000	387,000	145,000	145,000	356,000	373,000	N/G	N/G
PCB-86	55312-69-1	ppt-TOC	14	14	100	94,600	726,000	--	--	375,000	375,000	144,000	144,000	345,000	375,000	N/G	N/G
PCB-88/91	PCB-88/91	ppt-TOC	4	4	100	64,300	271,000	--	--	141,000	141,000	93,100	93,100	121,000	114,000	--	--
PCB-89	73575-57-2	ppt-TOC	19	19	100	2,590	28,600	--	--	11,000	11,000	7,020	7,020	9,390	8,880	G/Ln	G/Ln
PCB-90/101	PCB-90/101	ppt-TOC	4	4	100	1,110,000	2,570,000	--	--	1,550,000	1,550,000	684,000	684,000	1,460,000	1,260,000	--	--
PCB-93	73575-56-1	ppt-TOC	14	14	100	124,000	886,000	--	--	484,000	484,000	176,000	176,000	448,000	502,000	N/G	N/G
PCB-94	73575-55-0	ppt-TOC	19	19	100	3,030	22,700	--	--	12,500	12,500	5,080	5,080	11,300	12,300	N/G/Ln	N/G/Ln
PCB-96	73575-54-9	ppt-TOC	19	19	100	1,600	20,100	--	--	8,240	8,240	4,410	4,410	7,240	6,940	G/Ln	G/Ln
PCB-97	41464-51-1	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
PCB-99	38380-01-7	ppt-TOC	14	14	100	0.00	0.00	--	--	0.00	NA	0.00	NA	NA	0.00	NA	NA
Total PCB Congeners (209)	No CAS	ppt-TOC	18	18	100	3,820,000	51,400,000	--	--	20,400,000	20,400,000	11,900,000	11,900,000	17,700,000	17,200,000	NP	NP
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	18	18	100	1,960,000	60,000,000	--	--	15,900,000	15,900,000	14,700,000	14,700,000	11,700,000	9,250,000	Ln	Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Dioxins/Furans																	

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	40	36	90	922	33,700	166	1,770	10,000	10,100	8,970	8,790	5,570	8,010	G/Ln	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	40	35	88	199	57,400	10.7	114	13,000	13,100	13,300	13,100	4,330	9,540	G	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	40	32	80	54.1	1,800	1.85	59.7	391	398	438	426	177	309	Ln	NP
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	40	33	83	12.7	438	2.71	69.2	114	114	109	107	68.0	88.6	Ln	Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	40	35	88	65.4	14,700	7.38	49.1	3,280	3,290	3,380	3,330	1,220	2,520	G	NP
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	40	35	88	9.02	2,790	10.5	78.2	654	653	694	686	307	461	G	Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	40	35	88	30.7	2,960	6.05	31.8	758	761	723	711	340	566	G/Ln	NP
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	40	36	90	46.3	1,350	3.28	35.9	368	372	329	321	204	300	G/Ln	Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	40	11	28	8.59	84.0	2.04	52.6	14.7	14.7	16.0	15.2	10.3	10.0	G/Ln	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	40	33	83	16.9	704	2.07	105	141	143	169	166	75.8	94.8	Ln	Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	40	35	88	10.9	1,330	9.35	48.8	279	279	312	309	146	183	Ln	Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	40	34	85	70.3	1,890	5.84	47.9	480	489	475	460	230	369	G/Ln	NP
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	40	34	85	96.6	3,600	8.83	46.2	803	816	971	949	326	497	Ln	NP
2,3,7,8-TCDD	1746-01-6	ppt-TOC	40	35	88	25.0	150,000	7.67	24.0	14,500	14,500	34,100	33,700	2,080	3,410	NP	NP
2,3,7,8-TCDF	51207-31-9	ppt-TOC	40	33	83	61.6	2,850	12.3	141	566	571	698	685	268	331	G/Ln	Ln
OCDD	3268-87-9	ppt-TOC	40	40	100	3,280	361,000	--	--	115,000	115,000	89,300	89,300	81,800	90,500	G	G
OCDF	39001-02-0	ppt-TOC	40	35	88	353	95,200	30.1	306	23,700	23,700	23,900	23,600	7,880	16,100	G	NP
Total HpCDD	37871-00-4	ppt-TOC	40	36	90	2,550	72,300	370	5,000	23,800	24,000	19,900	19,500	14,300	19,800	G/Ln	Ln
Total HpCDF	38998-75-3	ppt-TOC	40	35	88	199	80,300	10.7	150	17,700	17,700	19,000	18,800	5,700	12,900	G	NP
Total HxCDD	34465-46-8	ppt-TOC	40	40	100	48.6	21,600	--	--	5,720	5,720	5,360	5,360	3,510	3,970	G	G
Total HxCDF	55684-94-1	ppt-TOC	40	35	88	220	50,600	7.38	135	11,300	11,300	12,000	11,800	3,760	8,360	G	NP
Total PeCDD	36088-22-9	ppt-TOC	40	35	88	203	6,890	2.07	20.7	1,550	1,580	1,760	1,720	609	955	Ln	Ln
Total PeCDF	30402-15-4	ppt-TOC	40	36	90	77.5	93,200	8.83	31.9	14,400	14,400	21,200	20,900	3,860	8,170	NP	NP
Total TCDD	41903-57-5	ppt-TOC	40	35	88	157	173,000	1.67	24.0	17,800	17,800	38,600	38,100	2,910	5,190	NP	NP
Total TCDF	55722-27-5	ppt-TOC	40	36	90	97.1	145,000	12.3	304	21,100	21,100	36,500	36,000	5,480	9,600	NP	NP
PCB Congeners																	
PCB-1	2051-60-7	ppt-TOC	40	37	93	352	862,000	12.0	35.1	82,800	82,800	174,000	172,000	10,400	12,600	Ln	Ln
PCB-103	60145-21-3	ppt-TOC	40	33	83	1,730	57,400	34.2	280	18,900	19,200	15,800	15,200	6,470	15,700	G	N
PCB-104	56558-16-8	ppt-TOC	40	24	60	248	17,300	26.0	4,570	2,880	2,810	3,350	3,340	1,070	1,840	G/Ln	NP
PCB-105	32598-14-4	ppt-TOC	40	36	90	477	3,060,000	66.2	166	519,000	519,000	746,000	737,000	92,100	219,000	NP	NP
PCB-11	2050-67-1	ppt-TOC	40	36	90	1,340	2,850,000	177	987	404,000	404,000	741,000	731,000	67,300	92,800	NP	NP
PCB-110	38380-03-9	ppt-TOC	18	18	100	2,680	7,890,000	--	--	1,960,000	1,960,000	2,800,000	2,800,000	517,000	558,000	G	G
PCB-114	74472-37-0	ppt-TOC	40	33	83	1,940	205,000	17.8	174	32,600	32,900	49,100	48,300	6,830	12,200	Ln	NP
PCB-12/13	PCB-12/13	ppt-TOC	40	37	93	47.9	503,000	148	934	97,800	97,800	138,000	137,000	22,200	31,400	G	NP
PCB-120	68194-12-7	ppt-TOC	40	18	45	537	16,500	25.1	4,420	2,350	2,420	3,260	3,170	767	1,090	G/Ln	NP
PCB-121	56558-18-0	ppt-TOC	40	4	10	397	1,450	25.3	6,680	594	--	690	--	314	402	--	--
PCB-122	76842-07-4	ppt-TOC	40	33	83	903	95,300	21.7	194	19,200	19,400	25,500	25,100	4,800	8,180	Ln	Ln
PCB-123	65510-44-3	ppt-TOC	40	33	83	1,610	164,000	19.8	185	25,800	26,100	39,700	39,000	5,730	10,100	Ln	NP
PCB-126	57465-28-8	ppt-TOC	40	32	80	722	22,000	19.4	218	4,750	4,880	5,390	5,210	1,580	2,190	Ln	NP
PCB-127	39635-33-1	ppt-TOC	40	3	8	477	5,850	19.7	7,290	717	--	1,100	--	304	367	--	--
PCB-130	52663-66-8	ppt-TOC	40	33	83	4,970	341,000	36.1	435	70,100	70,900	84,000	82,300	17,300	39,000	Ln	Ln
PCB-131	61798-70-7	ppt-TOC	40	33	83	1,010	93,600	36.9	447	16,000	16,200	22,800	22,400	4,630	7,130	Ln	NP
PCB-134/143	PCB-134/143	ppt-TOC	22	18	82	60.0	205,000	36.1	435	54,000	54,000	52,700	51,500	12,600	40,600	NP	N

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-136	38411-22-2	ppt-TOC	40	35	88	159	721,000	26.4	326	143,000	143,000	168,000	165,000	33,600	83,000	NP	NP
PCB-137	35694-06-5	ppt-TOC	40	31	78	3,000	236,000	31.2	376	47,600	48,200	61,300	60,000	9,350	25,200	Ln	NP
PCB-14	34883-41-5	ppt-TOC	40	5	13	194	8,640	41.1	3,980	957	662	1,590	1,590	431	410	N/G/Ln	NP
PCB-141	52712-04-6	ppt-TOC	40	35	88	236	1,040,000	32.2	388	216,000	216,000	261,000	258,000	47,500	125,000	NP	NP
PCB-144	68194-14-9	ppt-TOC	40	33	83	3,730	275,000	33.5	413	51,800	52,400	65,800	64,500	13,300	27,300	Ln	Ln
PCB-145	74472-40-5	ppt-TOC	40	4	10	178	2,170	25.3	4,840	604	--	765	--	232	170	--	--
PCB-148	74472-41-6	ppt-TOC	40	20	50	378	9,530	35.4	6,770	2,150	2,040	1,990	2,000	1,030	1,930	G/Ln	Ln
PCB-15	2050-68-2	ppt-TOC	40	38	95	401	2,450,000	83.5	209	443,000	443,000	664,000	656,000	92,300	186,000	G	NP
PCB-150	68194-08-1	ppt-TOC	40	29	73	386	12,300	24.7	4,720	3,430	3,460	3,090	3,030	1,540	2,730	G/Ln	Ln
PCB-152	68194-09-2	ppt-TOC	40	21	53	198	4,780	25.2	4,800	1,490	1,390	1,270	1,290	727	1,510	N/G	Ln
PCB-154	60145-22-4	ppt-TOC	40	31	78	2,350	97,700	29.3	1,230	21,100	21,600	21,400	20,600	5,990	16,100	G/Ln	NP
PCB-155	33979-03-2	ppt-TOC	40	32	80	717	564,000	24.0	296	45,000	45,200	120,000	119,000	3,660	5,460	NP	NP
PCB-159	39635-35-3	ppt-TOC	40	18	45	3,290	23,200	23.6	1,780	4,180	5,820	5,570	4,440	999	730	G/Ln	NP
PCB-167	52663-72-6	ppt-TOC	40	33	83	3,580	222,000	17.6	217	44,000	44,600	54,100	52,900	10,600	23,500	Ln	NP
PCB-169	32774-16-6	ppt-TOC	40	11	28	1,300	9,240	21.0	4,950	1,540	2,080	1,970	1,630	599	655	N/G/Ln	NP
PCB-17	37680-66-3	ppt-TOC	40	36	90	281	5,070,000	43.6	314	750,000	750,000	1,320,000	1,300,000	86,800	140,000	NP	NP
PCB-170	35065-30-6	ppt-TOC	40	36	90	407	992,000	37.2	376	261,000	261,000	264,000	260,000	65,500	177,000	NP	NP
PCB-172	52663-74-8	ppt-TOC	40	33	83	3,960	178,000	35.4	382	44,200	44,900	44,100	42,900	13,000	30,100	G/Ln	Ln
PCB-174	38411-25-5	ppt-TOC	40	36	90	346	1,200,000	33.1	360	291,000	291,000	308,000	304,000	70,800	195,000	NP	NP
PCB-175	40186-70-7	ppt-TOC	40	33	83	1,210	48,000	31.8	345	11,300	11,500	12,200	11,900	4,070	6,960	Ln	Ln
PCB-176	52663-65-7	ppt-TOC	40	33	83	3,290	128,000	24.2	262	33,600	34,100	32,800	31,800	9,680	23,200	G/Ln	Ln
PCB-177	52663-70-4	ppt-TOC	40	36	90	194	624,000	34.0	366	160,000	160,000	165,000	163,000	42,100	110,000	NP	NP
PCB-178	52663-67-9	ppt-TOC	40	33	83	5,830	184,000	34.4	373	56,800	57,800	52,600	50,800	16,100	41,400	G/Ln	NP
PCB-179	52663-64-6	ppt-TOC	40	36	90	149	454,000	25.5	277	129,000	129,000	125,000	124,000	33,900	90,800	NP	NP
PCB-181	74472-47-2	ppt-TOC	40	18	45	546	10,600	31.8	4,620	1,920	1,910	2,630	2,550	781	956	Ln	NP
PCB-183	52663-69-1	ppt-TOC	18	18	100	326	708,000	--	--	200,000	200,000	220,000	220,000	72,400	99,200	G	G
PCB-184	74472-48-3	ppt-TOC	40	17	43	560	32,300	26.3	3,820	2,500	2,630	6,420	6,290	550	643	NP	NP
PCB-185	52712-05-7	ppt-TOC	18	15	83	1,500	148,000	207	702	27,200	27,400	37,800	36,600	8,330	13,200	G/Ln	Ln
PCB-186	74472-49-4	ppt-TOC	40	0	0	--	--	25.5	3,690	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt-TOC	40	17	43	453	4,380	22.6	3,260	921	959	913	829	476	619	G/Ln	NP
PCB-189	39635-31-9	ppt-TOC	40	33	83	794	41,900	20.6	226	9,410	9,540	9,900	9,660	3,240	5,770	Ln	Ln
PCB-19	38444-73-4	ppt-TOC	40	34	85	298	1,040,000	53.4	382	141,000	141,000	243,000	240,000	19,700	26,600	NP	Ln
PCB-190	41411-64-7	ppt-TOC	40	33	83	4,390	170,000	24.6	267	47,700	48,400	47,300	45,900	13,000	32,600	G/Ln	Ln
PCB-191	74472-50-7	ppt-TOC	40	33	83	1,070	40,000	24.2	262	10,200	10,300	10,300	10,000	3,570	6,580	Ln	Ln
PCB-192	74472-51-8	ppt-TOC	40	0	0	--	--	27.0	3,920	--	--	--	--	--	--	--	--
PCB-194	35694-08-7	ppt-TOC	40	35	88	210	571,000	48.2	370	153,000	153,000	148,000	146,000	40,400	107,000	NP	NP
PCB-195	52663-78-2	ppt-TOC	40	33	83	4,780	218,000	21.5	390	58,100	58,900	58,200	56,700	15,800	40,000	G/Ln	Ln
PCB-197	33091-17-7	ppt-TOC	40	32	80	422	65,600	18.3	881	5,950	6,010	10,400	10,300	2,010	3,420	Ln	Ln
PCB-2	2051-61-8	ppt-TOC	40	39	98	146	815,000	38.0	38.0	44,400	44,400	138,000	137,000	6,380	6,310	Ln	Ln
PCB-200	52663-73-7	ppt-TOC	40	32	80	1,930	71,700	18.0	395	16,700	17,100	17,300	16,700	5,210	12,000	Ln	Ln
PCB-201	40186-71-8	ppt-TOC	40	33	83	2,280	80,300	17.4	323	21,100	21,500	20,200	19,500	6,900	15,100	Ln	Ln
PCB-202	2136-99-4	ppt-TOC	40	34	85	76.1	147,000	19.6	366	43,000	43,000	39,200	38,700	13,400	32,800	NP	NP
PCB-204	74472-52-9	ppt-TOC	40	0	0	--	--	19.0	4,640	--	--	--	--	--	--	--	--

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-205	74472-53-0	ppt-TOC	40	31	78	743	26,500	16.7	4,070	7,010	7,120	7,140	6,950	2,560	4,720	G/Ln	NP
PCB-206	40186-72-9	ppt-TOC	40	35	88	289	382,000	46.9	431	103,000	103,000	91,500	90,300	31,400	85,200	NP	NP
PCB-207	52663-79-3	ppt-TOC	40	33	83	1,140	39,500	30.4	273	10,700	10,900	10,100	9,780	4,090	8,420	G/Ln	Ln
PCB-208	52663-77-1	ppt-TOC	40	33	83	3,970	124,000	29.8	291	34,900	35,600	30,700	29,500	11,100	30,200	G/Ln	Ln
PCB-209	2051-24-3	ppt-TOC	40	38	95	298	534,000	41.7	227	99,300	99,300	115,000	113,000	32,400	75,400	NP	NP
PCB-22	38444-85-8	ppt-TOC	40	36	90	400	4,280,000	63.6	208	627,000	627,000	1,070,000	1,050,000	84,100	145,000	NP	NP
PCB-23	55720-44-0	ppt-TOC	40	11	28	257	11,000	23.7	4,330	1,540	1,500	2,940	2,900	382	292	N/G/Ln	NP
PCB-25	55712-37-3	ppt-TOC	40	36	90	112	904,000	21.2	165	203,000	203,000	280,000	276,000	32,200	66,300	NP	NP
PCB-3	2051-62-9	ppt-TOC	40	38	95	58.3	692,000	18.6	41.2	69,700	69,700	147,000	145,000	10,800	13,000	Ln	Ln
PCB-31	16606-02-3	ppt-TOC	40	38	95	232	11,400,000	185	405	1,840,000	1,840,000	2,970,000	2,940,000	274,000	448,000	G	NP
PCB-34	37680-68-5	ppt-TOC	40	33	83	553	50,100	23.3	204	9,910	10,000	14,200	14,000	2,440	3,240	NP	NP
PCB-35	37680-69-6	ppt-TOC	40	35	88	310	368,000	24.0	208	60,700	60,700	94,800	93,600	11,700	19,900	NP	NP
PCB-36	38444-87-0	ppt-TOC	40	7	18	305	1,510	23.1	4,230	491	414	524	268	277	307	N/G/Ln	NP
PCB-37	38444-90-5	ppt-TOC	40	37	93	314	3,350,000	45.6	166	503,000	503,000	800,000	790,000	84,900	193,000	G	NP
PCB-38	53555-66-1	ppt-TOC	40	7	18	43.3	7,170	32.8	4,460	869	612	1,580	1,600	306	273	N/G/Ln	NP
PCB-39	38444-88-1	ppt-TOC	40	30	75	317	51,900	21.7	459	10,300	10,400	15,600	15,400	2,060	3,060	Ln	NP
PCB-45	70362-45-7	ppt-TOC	18	18	100	507	1,540,000	--	--	350,000	350,000	547,000	547,000	63,700	49,400	Ln	Ln
PCB-46	41464-47-5	ppt-TOC	40	33	83	5,060	629,000	44.1	295	119,000	120,000	180,000	177,000	19,100	33,100	Ln	NP
PCB-51	68194-04-7	ppt-TOC	18	17	94	347	408,000	169	169	153,000	153,000	139,000	135,000	50,900	112,000	G	N
PCB-54	15968-05-5	ppt-TOC	40	32	80	385	31,700	43.1	2,110	11,500	11,500	8,900	8,730	4,180	11,400	N	NP
PCB-55	74338-24-2	ppt-TOC	40	30	75	102	224,000	27.9	2,680	27,000	27,000	45,500	44,900	4,110	7,490	G/Ln	Ln
PCB-57	70424-67-8	ppt-TOC	40	32	80	534	34,000	26.6	3,870	6,710	6,800	9,280	9,110	1,970	2,880	Ln	NP
PCB-58	41464-49-7	ppt-TOC	40	27	68	473	24,300	26.4	3,850	3,850	3,920	5,150	5,040	1,210	1,840	G/Ln	NP
PCB-6	25569-80-6	ppt-TOC	40	33	83	5,770	1,730,000	47.2	943	213,000	214,000	401,000	395,000	24,000	34,100	NP	NP
PCB-63	74472-34-7	ppt-TOC	40	33	83	3,390	357,000	24.6	201	58,900	59,400	90,000	88,500	10,900	21,200	Ln	NP
PCB-67	73575-53-8	ppt-TOC	40	33	83	3,340	318,000	23.9	212	55,100	55,600	82,000	80,600	10,200	18,300	Ln	NP
PCB-68	73575-52-7	ppt-TOC	40	33	83	690	27,400	24.1	195	8,030	8,140	7,650	7,440	2,830	5,640	G	NP
PCB-73	74338-23-1	ppt-TOC	18	11	61	941	10,200	147	765	2,700	3,010	3,060	2,720	971	2,460	G/Ln	N
PCB-77	32598-13-3	ppt-TOC	40	36	90	124	1,230,000	24.9	168	188,000	188,000	300,000	296,000	34,000	70,900	G	NP
PCB-78	70362-49-1	ppt-TOC	40	1	3	2,720	2,720	27.4	6,280	609	--	740	--	315	368	--	--
PCB-79	41464-48-6	ppt-TOC	40	32	80	800	139,000	24.1	2,300	11,800	12,000	23,400	23,000	2,900	4,670	Ln	NP
PCB-80	33284-52-5	ppt-TOC	40	0	0	--	--	23.6	5,380	--	--	--	--	--	--	--	--
PCB-81	70362-50-4	ppt-TOC	40	27	68	430	39,900	25.0	3,460	5,140	5,210	9,910	9,750	1,180	1,700	NP	NP
PCB-82	52663-62-4	ppt-TOC	40	33	83	9,940	1,120,000	42.1	345	193,000	195,000	295,000	290,000	33,900	74,900	Ln	NP
PCB-83	60145-20-2	ppt-TOC	18	16	89	4,520	394,000	232	255	88,200	88,700	119,000	115,000	24,500	28,200	Ln	Ln
PCB-85/116	PCB-85/116	ppt-TOC	18	16	89	457	1,210,000	183	612	226,000	226,000	379,000	369,000	41,700	70,600	NP	Ln
PCB-88/91	PCB-88/91	ppt-TOC	22	18	82	188	629,000	35.9	295	183,000	183,000	182,000	178,000	31,800	119,000	NP	N
PCB-89	73575-57-2	ppt-TOC	40	33	83	1,050	165,000	39.0	320	24,800	25,000	39,600	39,000	5,770	8,630	Ln	NP
PCB-94	73575-55-0	ppt-TOC	40	32	80	851	54,900	39.0	2,380	13,800	13,900	13,200	12,900	4,720	10,800	G	NP
PCB-96	73575-54-9	ppt-TOC	40	33	83	1,180	85,900	29.2	239	18,100	18,300	22,900	22,500	4,960	8,810	Ln	NP
PCB-99	38380-01-7	ppt-TOC	18	18	100	1,120	3,710,000	--	--	926,000	926,000	1,280,000	1,280,000	245,000	279,000	G	G
Total PCB Congeners (209)	No CAS	ppt-TOC	40	39	98	509	21,700,000	987	987	44,600,000	44,560,000	62,200,000	61,460,000	7,410,000	17,500,000	NP	NP
Total PCB Congeners (NOAA 1989)	No CAS	ppt-TOC	18	18	100	63,500	15,800,000	--	--	41,000,000	41,000,000	58,000,000	58,000,000	10,600,000	10,500,000	G	G

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Subsurface (>3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	111	83	75	190	80,600	39.2	1,680	9,570	9,550	11,700	11,600	2,940	4,760	NP	NP
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	111	88	79	201	298,000	3.43	464	15,400	15,400	31,100	31,000	2,290	10,400	NP	NP
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	111	80	72	7.66	3,810	3.29	67.0	339	339	514	512	93.0	263	NP	NP
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	111	76	69	3.01	2,710	2.34	27.5	102	101	261	260	35.1	55.6	NP	NP
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	111	95	86	13.9	57,700	1.77	78.3	3,650	3,660	6,410	6,380	665	2,710	NP	NP
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	111	93	84	13.9	9,710	4.52	61.9	702	702	1,100	1,090	205	344	NP	NP
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	111	89	80	17.4	9,970	1.87	65.0	867	870	1,280	1,270	206	666	NP	NP
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	111	89	80	7.32	6,670	3.80	82.3	384	384	682	679	124	208	NP	NP
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	111	45	41	7.31	159	0.596	47.2	17.9	19.1	23.6	22.8	9.81	7.65	Ln	NP
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	111	73	66	5.09	2,810	3.04	27.2	147	147	309	308	44.1	85.9	NP	NP
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	111	82	74	9.73	2,520	1.69	83.2	300	301	384	381	85.7	198	NP	NP
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	111	87	78	12.2	3,300	1.98	58.1	464	466	571	567	127	383	NP	NP
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	111	88	79	13.0	3,580	1.67	70.3	560	562	626	622	151	466	NP	NP
2,3,7,8-TCDD	1746-01-6	ppt-TOC	111	91	82	25.5	2,270,000	2.40	46.3	29,600	29,600	219,000	218,000	821	2,190	NP	NP
2,3,7,8-TCDF	51207-31-9	ppt-TOC	111	78	70	21.0	3,130	2.04	136	508	508	563	561	179	338	NP	NP
OCDD	3268-87-9	ppt-TOC	111	93	84	3,000	500,000	518	27,100	109,000	109,000	113,000	112,000	41,700	72,200	G	NP
OCDF	39001-02-0	ppt-TOC	111	85	77	384	917,000	12.7	1,450	31,000	31,100	89,900	89,500	4,260	17,900	NP	NP
Total HpCDD	37871-00-4	ppt-TOC	111	92	83	468	310,000	72.4	2,750	25,100	25,100	36,400	36,200	7,960	10,700	NP	NP
Total HpCDF	38998-75-3	ppt-TOC	111	90	81	358	340,000	3.43	406	20,300	20,300	37,000	36,800	3,100	13,600	NP	NP
Total HxCDD	34465-46-8	ppt-TOC	111	106	96	26.6	404,000	3.59	228	8,980	8,980	38,300	38,100	1,970	3,400	NP	NP
Total HxCDF	55684-94-1	ppt-TOC	111	91	82	133	122,000	2.45	258	11,000	11,000	15,900	15,800	1,820	8,480	NP	NP
Total PeCDD	36088-22-9	ppt-TOC	111	91	82	28.8	118,000	3.19	26.0	2,410	2,410	11,300	11,200	341	851	NP	NP
Total PeCDF	30402-15-4	ppt-TOC	111	95	86	19.3	125,000	2.97	15.2	12,800	12,800	19,300	19,200	1,840	7,830	NP	NP
Total TCDD	41903-57-5	ppt-TOC	111	96	87	16.4	2,330,000	2.75	25.8	35,000	35,000	227,000	226,000	1,270	2,590	NP	NP
Total TCDF	55722-27-5	ppt-TOC	111	97	87	24.4	307,000	2.04	32.9	19,800	19,800	40,800	40,600	2,580	8,890	G	NP
PCB Congeners																	
PCB-1	2051-60-7	ppt-TOC	111	97	87	170	7,190,000	3.52	56.8	100,000	100,000	682,000	679,000	4,800	18,400	NP	NP
PCB-103	60145-21-3	ppt-TOC	111	90	81	124	328,000	10.6	987	22,800	22,800	35,500	35,300	4,260	20,600	NP	NP
PCB-104	56558-16-8	ppt-TOC	111	37	33	670	20,900	8.04	18,400	2,090	2,160	3,580	3,400	414	685	G/Ln	NP
PCB-105	32598-14-4	ppt-TOC	111	98	88	245	10,200,000	6.83	287	555,000	555,000	1,240,000	1,240,000	59,400	348,000	NP	NP
PCB-11	2050-67-1	ppt-TOC	111	97	87	641	2,460,000	84.3	938	420,000	420,000	528,000	525,000	62,300	191,000	NP	NP
PCB-114	74472-37-0	ppt-TOC	111	90	81	280	638,000	7.05	466	34,200	34,300	85,000	84,600	4,330	17,700	NP	NP
PCB-12/13	PCB-12/13	ppt-TOC	111	99	89	55.6	3,450,000	16.9	195	120,000	120,000	332,000	331,000	17,500	81,300	NP	NP
PCB-120	68194-12-7	ppt-TOC	111	70	63	111	49,600	7.77	17,800	4,270	4,150	5,700	5,720	982	3,330	NP	NP
PCB-121	56558-18-0	ppt-TOC	111	4	4	1,710	4,360	7.83	17,900	677	--	1,140	--	220	403	--	--
PCB-122	76842-07-4	ppt-TOC	111	89	80	201	412,000	8.02	580	23,800	23,800	55,000	54,700	3,490	14,300	NP	NP
PCB-123	65510-44-3	ppt-TOC	111	89	80	273	376,000	7.53	574	24,500	24,500	52,700	52,400	3,550	13,500	NP	NP
PCB-126	57465-28-8	ppt-TOC	111	90	81	27.2	104,000	6.91	521	5,770	5,770	11,500	11,400	1,150	3,020	NP	NP
PCB-127	39635-33-1	ppt-TOC	111	40	36	68.4	17,300	7.28	17,200	1,150	923	2,030	1,910	305	607	NP	NP
PCB-130	52663-66-8	ppt-TOC	111	91	82	446	1,530,000	11.9	1,200	80,000	80,100	157,000	157,000	12,300	63,400	NP	NP

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-131	61798-70-7	ppt-TOC	111	89	80	183	389,000	12.2	1,230	17,200	17,300	39,400	39,200	3,310	11,400	NP	NP
PCB-134/143	PCB-134/143	ppt-TOC	111	90	81	689	1,470,000	11.9	1,200	76,500	76,600	155,000	155,000	11,500	60,000	NP	NP
PCB-136	38411-22-2	ppt-TOC	111	93	84	80.6	3,140,000	8.24	902	175,000	175,000	343,000	341,000	23,100	133,000	NP	NP
PCB-137	35694-06-5	ppt-TOC	111	91	82	243	1,350,000	10.2	1,030	56,500	56,500	134,000	134,000	8,420	38,600	NP	NP
PCB-14	34883-41-5	ppt-TOC	111	36	32	25.6	132,000	14.6	17,000	2,840	2,550	13,300	13,300	312	350	NP	NP
PCB-141	52712-04-6	ppt-TOC	111	94	85	103	4,630,000	10.6	1,070	254,000	254,000	520,000	518,000	31,500	181,000	NP	NP
PCB-144	68194-14-9	ppt-TOC	111	90	81	651	1,050,000	10.4	1,140	60,400	60,500	121,000	121,000	9,500	43,700	NP	NP
PCB-145	74472-40-5	ppt-TOC	111	1	1	1,400	1,400	7.89	21,400	745	--	1,270	--	258	435	--	--
PCB-148	74472-41-6	ppt-TOC	111	36	32	261	40,500	11.0	29,900	2,690	2,280	5,010	4,910	652	1,240	NP	NP
PCB-15	2050-68-2	ppt-TOC	111	100	90	248	25,900,000	17.5	141	572,000	572,000	2,460,000	2,440,000	53,300	320,000	NP	NP
PCB-150	68194-08-1	ppt-TOC	111	61	55	149	122,000	7.69	20,800	5,180	4,990	13,700	13,700	909	2,360	NP	NP
PCB-152	68194-09-2	ppt-TOC	111	26	23	308	30,900	7.83	21,300	1,340	1,070	3,200	3,030	362	710	G/Ln	NP
PCB-154	60145-22-4	ppt-TOC	111	89	80	299	674,000	9.14	24,800	33,200	33,200	74,800	74,500	5,300	24,300	NP	NP
PCB-155	33979-03-2	ppt-TOC	111	76	69	166	328,000	7.48	20,200	30,700	30,600	61,100	60,900	3,020	7,880	Ln	NP
PCB-159	39635-35-3	ppt-TOC	111	89	80	97.2	121,000	7.77	7,430	9,580	9,560	13,300	13,200	2,250	8,900	NP	NP
PCB-167	52663-72-6	ppt-TOC	111	90	81	442	907,000	5.91	561	45,400	45,400	92,500	92,100	6,710	34,100	NP	NP
PCB-169	32774-16-6	ppt-TOC	111	78	70	94.9	39,300	6.73	8,860	5,170	5,130	6,210	6,210	1,210	4,200	NP	NP
PCB-17	37680-66-3	ppt-TOC	111	98	88	98.7	50,200,000	11.7	442	968,000	968,000	4,780,000	4,760,000	55,900	239,000	NP	NP
PCB-170	35065-30-6	ppt-TOC	111	95	86	128	4,580,000	15.0	1,090	320,000	320,000	558,000	555,000	42,300	261,000	NP	NP
PCB-172	52663-74-8	ppt-TOC	111	90	81	517	688,000	14.1	1,000	54,700	54,800	91,800	91,300	9,390	44,500	NP	NP
PCB-174	38411-25-5	ppt-TOC	111	96	87	173	4,440,000	13.2	330	335,000	335,000	586,000	583,000	44,500	268,000	NP	NP
PCB-175	40186-70-7	ppt-TOC	111	89	80	136	173,000	12.7	898	13,500	13,500	22,300	22,200	2,960	10,700	NP	NP
PCB-176	52663-65-7	ppt-TOC	111	90	81	463	563,000	9.66	685	44,200	44,300	71,300	70,900	7,470	38,900	NP	NP
PCB-177	52663-70-4	ppt-TOC	111	94	85	104	2,350,000	13.6	961	191,000	191,000	311,000	309,000	27,600	168,000	NP	NP
PCB-178	52663-67-9	ppt-TOC	111	91	82	545	938,000	13.7	974	74,800	74,900	117,000	117,000	12,500	64,200	NP	NP
PCB-179	52663-64-6	ppt-TOC	111	95	86	69.8	2,320,000	10.2	255	172,000	172,000	288,000	286,000	24,600	147,000	NP	NP
PCB-181	74472-47-2	ppt-TOC	111	41	37	131	49,400	12.7	19,100	1,910	1,630	4,880	4,840	496	870	NP	NP
PCB-184	74472-48-3	ppt-TOC	111	31	28	216	17,900	10.5	15,800	1,490	1,280	2,650	2,580	349	580	G/Ln	NP
PCB-186	74472-49-4	ppt-TOC	111	0	0	--	--	10.2	15,300	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt-TOC	111	24	22	135	31,700	8.98	13,900	1,320	1,060	3,900	3,870	292	500	NP	NP
PCB-189	39635-31-9	ppt-TOC	111	89	80	81.7	133,000	10.5	492	10,700	10,700	16,600	16,500	2,210	8,600	NP	NP
PCB-19	38444-73-4	ppt-TOC	111	85	77	451	12,000,000	14.3	1,330	197,000	197,000	1,140,000	1,130,000	10,800	40,200	NP	NP
PCB-190	41411-64-7	ppt-TOC	111	91	82	433	746,000	9.85	698	58,300	58,300	100,000	99,700	9,080	45,500	NP	NP
PCB-191	74472-50-7	ppt-TOC	111	88	79	89.0	177,000	9.66	685	12,600	12,600	21,800	21,700	2,540	10,400	NP	NP
PCB-192	74472-51-8	ppt-TOC	111	0	0	--	--	10.8	16,200	--	--	--	--	--	--	--	--
PCB-194	35694-08-7	ppt-TOC	111	96	87	108	1,780,000	8.87	384	186,000	186,000	257,000	256,000	28,400	166,000	NP	NP
PCB-195	52663-78-2	ppt-TOC	111	91	82	36.9	753,000	7.35	1,140	68,300	68,300	105,000	105,000	10,600	57,600	NP	NP
PCB-197	33091-17-7	ppt-TOC	111	89	80	92.7	74,600	7.61	1,030	6,830	6,840	10,400	10,300	1,640	6,160	NP	NP
PCB-2	2051-61-8	ppt-TOC	111	107	96	25.6	406,000	14.5	62.8	18,300	18,300	43,700	43,500	4,210	9,570	G	NP
PCB-200	52663-73-7	ppt-TOC	111	90	81	219	254,000	7.46	1,010	22,800	22,800	33,400	33,300	4,330	18,400	NP	NP
PCB-201	40186-71-8	ppt-TOC	111	90	81	352	257,000	7.24	974	28,100	28,200	35,900	35,700	5,360	25,400	NP	NP
PCB-202	2136-99-4	ppt-TOC	111	93	84	684	619,000	8.14	357	68,700	68,800	94,600	94,100	11,400	58,500	NP	NP
PCB-204	74472-52-9	ppt-TOC	111	2	2	1,420	1,630	7.92	9,800	584	--	779	--	211	390	--	--

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-205	74472-53-0	ppt-TOC	111	89	80	101	83,500	5.68	885	9,090	9,090	12,200	12,200	2,010	7,420	NP	NP
PCB-206	40186-72-9	ppt-TOC	111	94	85	1,060	1,770,000	11.9	492	182,000	182,000	282,000	281,000	27,600	138,000	NP	NP
PCB-207	52663-79-3	ppt-TOC	111	91	82	178	157,000	8.33	875	16,600	16,600	22,400	22,300	3,480	14,000	NP	NP
PCB-208	52663-77-1	ppt-TOC	111	94	85	55.0	895,000	8.56	336	70,200	70,200	134,000	134,000	10,800	50,400	NP	NP
PCB-209	2051-24-3	ppt-TOC	111	97	87	140	3,680,000	10.6	278	217,000	217,000	445,000	443,000	30,400	135,000	NP	NP
PCB-22	38444-85-8	ppt-TOC	111	100	90	108	39,200,000	16.4	153	841,000	841,000	3,750,000	3,730,000	52,800	230,000	NP	NP
PCB-23	55720-44-0	ppt-TOC	111	43	39	70.5	156,000	8.43	5,980	2,520	2,420	14,800	14,800	274	323	Ln	NP
PCB-25	55712-37-3	ppt-TOC	111	96	87	51.1	7,060,000	7.52	479	202,000	202,000	677,000	674,000	17,200	114,000	NP	NP
PCB-3	2051-62-9	ppt-TOC	111	103	93	44.2	2,550,000	4.43	69.2	53,600	53,600	245,000	244,000	6,470	18,900	NP	NP
PCB-31	16606-02-3	ppt-TOC	111	101	91	319	96,700,000	49.2	337	2,380,000	2,380,000	9,300,000	9,260,000	179,000	851,000	NP	NP
PCB-34	37680-68-5	ppt-TOC	111	88	79	114	294,000	8.30	531	12,000	12,100	28,900	28,700	2,000	7,240	NP	NP
PCB-35	37680-69-6	ppt-TOC	111	95	86	50.2	1,240,000	8.53	616	54,800	54,800	125,000	124,000	7,520	36,000	NP	NP
PCB-36	38444-87-0	ppt-TOC	111	49	44	42.4	8,670	8.24	27,100	1,010	769	1,670	1,170	283	480	NP	NP
PCB-37	38444-90-5	ppt-TOC	111	100	90	185	22,600,000	8.45	41.7	588,000	589,000	2,160,000	2,160,000	46,600	313,000	NP	NP
PCB-38	53555-66-1	ppt-TOC	111	45	41	33.9	8,010	8.69	28,600	925	637	1,790	1,260	275	350	G/Ln	NP
PCB-39	38444-88-1	ppt-TOC	111	87	78	106	318,000	7.73	623	12,500	12,500	31,700	31,600	1,890	7,300	NP	NP
PCB-46	41464-47-5	ppt-TOC	111	90	81	703	5,390,000	12.9	928	150,000	150,000	527,000	524,000	12,400	54,000	NP	NP
PCB-54	15968-05-5	ppt-TOC	111	69	62	86.7	186,000	9.49	14,400	9,970	9,890	21,000	21,000	1,470	4,250	NP	NP
PCB-55	74338-24-2	ppt-TOC	111	83	75	202	2,760,000	8.18	4,690	47,700	47,700	264,000	262,000	3,230	10,800	NP	NP
PCB-57	70424-67-8	ppt-TOC	111	80	72	102	314,000	7.79	9,950	9,570	9,570	30,500	30,400	1,370	4,980	NP	NP
PCB-58	41464-49-7	ppt-TOC	111	84	76	91.9	78,500	7.75	9,910	5,070	5,070	8,340	8,300	1,100	4,140	NP	NP
PCB-6	25569-80-6	ppt-TOC	111	96	87	68.5	20,500,000	16.7	1,540	285,000	285,000	1,940,000	1,930,000	14,400	52,600	NP	NP
PCB-63	74472-34-7	ppt-TOC	111	91	82	209	2,010,000	7.22	518	71,000	71,000	203,000	202,000	7,430	33,200	NP	NP
PCB-67	73575-53-8	ppt-TOC	111	89	80	354	1,840,000	7.01	502	58,800	58,900	181,000	180,000	6,090	28,500	NP	NP
PCB-68	73575-52-7	ppt-TOC	111	87	78	100	67,400	7.05	9,030	9,870	9,850	10,800	10,700	2,050	9,670	NP	NP
PCB-77	32598-13-3	ppt-TOC	111	96	87	25.9	4,060,000	7.22	3,480	207,000	207,000	487,000	485,000	20,300	117,000	NP	NP
PCB-78	70362-49-1	ppt-TOC	111	6	5	371	5,540	8.04	28,000	692	452	1,540	515	207	334	G/Ln	NP
PCB-79	41464-48-6	ppt-TOC	111	87	78	156	220,000	7.07	505	13,400	13,400	29,200	29,100	2,180	8,450	NP	NP
PCB-80	33284-52-5	ppt-TOC	111	6	5	558	3,640	6.89	24,000	608	630	1,310	377	181	281	N/G/Ln	NP
PCB-81	70362-50-4	ppt-TOC	111	76	69	87.6	191,000	7.36	9,130	5,250	5,220	18,800	18,700	766	1,860	NP	NP
PCB-82	52663-62-4	ppt-TOC	111	92	83	52.9	4,340,000	13.1	1,220	212,000	212,000	548,000	545,000	22,500	111,000	NP	NP
PCB-88/91	PCB-88/91	ppt-TOC	111	92	83	131	4,390,000	11.1	1,040	266,000	266,000	556,000	553,000	30,200	174,000	NP	NP
PCB-89	73575-57-2	ppt-TOC	111	87	78	159	767,000	12.1	1,130	27,900	27,900	81,500	81,100	3,660	12,800	NP	NP
PCB-94	73575-55-0	ppt-TOC	111	84	76	138	180,000	12.1	1,340	13,600	13,600	24,300	24,200	2,440	9,490	NP	NP
PCB-96	73575-54-9	ppt-TOC	111	85	77	122	387,000	9.02	1,000	19,900	19,900	45,500	45,300	2,890	10,400	NP	NP
Total PCB Congeners (209)	No CAS	ppt-TOC	111	110	99	72.1	156,000,000	503	503	55,800,000	55,770,000	15,900,000	158,700,000	5,100,000	27,800,000	NP	NP

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	76	46	61	27.5	552	69.5	910	99.1	92.7	79.6	68.1	82.8	79.1	G/Ln	NP
Arsenic	7440-38-2	ppm-Al	76	76	100	524	5,380	--	--	902	902	593	593	825	763	NP	NP
Barium	7440-39-3	ppm-Al	76	76	100	3,040	27,300	--	--	9,380	9,380	3,440	3,440	8,900	8,540	NP	NP
Beryllium	7440-41-7	ppm-Al	76	75	99	34.8	114	74.1	74.1	50.9	51.1	12.2	12.0	49.8	48.8	NP	NP
Cadmium	7440-43-9	ppm-Al	76	76	100	21.0	2,940	--	--	254	254	334	334	193	214	NP	NP
Calcium	7440-70-2	ppm-Al	76	76	100	179,000	2,100,000	--	--	472,000	472,000	255,000	255,000	435,000	407,000	NP	NP
Chromium	7440-47-3	ppm-Al	76	75	99	2,450	19,100	7,170	7,170	8,830	8,870	2,740	2,670	8,440	8,570	G/Ln	G/Ln
Cobalt	7440-48-4	ppm-Al	75	75	100	571	4,500	--	--	821	821	451	451	779	741	NP	NP
Copper	7440-50-8	ppm-Al	76	75	99	2,080	57,000	9,500	9,500	12,000	12,000	6,350	6,270	11,000	11,100	Ln	Ln
Iron	7439-89-6	ppm-Al	76	76	100	1,700,000	4,080,000	--	--	2,200,000	2,200,000	445,000	445,000	2,160,000	2,070,000	NP	NP
Lead	7439-92-1	ppm-Al	75	75	100	2,670	105,000	--	--	17,200	17,200	12,800	12,800	15,000	13,900	NP	NP
Magnesium	7439-95-4	ppm-Al	76	76	100	406,000	1,040,000	--	--	547,000	547,000	113,000	113,000	538,000	517,000	NP	NP
Manganese	7439-96-5	ppm-Al	76	75	99	18,700	66,700	25,100	25,100	32,300	32,400	10,400	10,200	30,800	31,200	G/Ln	G
Mercury	7439-97-6	ppm-Al	44	44	100	30.5	243	--	--	139	139	48.4	48.4	130	122	G	G
Nickel	7440-02-0	ppm-Al	76	75	99	1,510	11,300	2,840	2,840	2,650	2,660	1,170	1,150	2,520	2,430	NP	NP
Potassium	7440-09-7	ppm-Al	72	72	100	141,000	248,000	--	--	185,000	185,000	23,300	23,300	183,000	185,000	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Al	74	65	88	19.8	392	27.2	192	136	138	70.0	69.0	117	133	G/Ln	N/Ln
Silver	7440-22-4	ppm-Al	76	75	99	21.0	442	153	153	185	185	73.8	72.7	169	175	G	NP
Sodium	7440-23-5	ppm-Al	76	76	100	364,000	3,240,000	--	--	791,000	791,000	493,000	493,000	710,000	670,000	NP	NP
Thallium	7440-28-0	ppm-Al	73	64	88	12.2	648	52.0	212	42.6	38.2	75.5	74.1	29.5	26.0	NP	NP
Titanium	7440-32-6	ppm-Al	67	67	100	24,200	46,200	--	--	34,100	34,100	4,450	4,450	33,800	33,800	N/G/Ln	N/G/Ln
Vanadium	7440-62-2	ppm-Al	75	75	100	1,860	4,370	--	--	2,680	2,680	411	411	2,650	2,620	NP	NP
Zinc	7440-66-6	ppm-Al	76	76	100	6,640	237,000	--	--	36,200	36,200	27,300	27,300	31,800	31,000	NP	NP
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	93	82	88	4.3	365	4.8	198	69.3	66.5	48.6	48.7	54.7	59.0	NP	NP
Arsenic	7440-38-2	ppm-Al	93	93	100	407	5,000	--	--	1,110	1,110	909	909	924	819	NP	NP
Barium	7440-39-3	ppm-Al	93	93	100	2,210	17,800	--	--	9,880	9,880	3,570	3,570	9,050	10,100	N	N
Beryllium	7440-41-7	ppm-Al	93	93	100	16.2	92.7	--	--	49.9	49.9	7.5	7.5	49.3	50.4	NP	NP

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Cadmium	7440-43-9	ppm-Al	93	93	100	5.7	1,090	--	--	307	307	235	235	213	261	NP	NP
Calcium	7440-70-2	ppm-Al	93	93	100	89,000	1,510,000	--	--	445,000	445,000	200,000	200,000	411,000	430,000	NP	NP
Chromium	7440-47-3	ppm-Al	93	93	100	1,830	53,100	--	--	12,800	12,800	9,730	9,730	10,400	9,760	NP	NP
Cobalt	7440-48-4	ppm-Al	93	93	100	246	2,060	--	--	785	785	182	182	768	761	NP	NP
Copper	7440-50-8	ppm-Al	93	93	100	791	45,000	--	--	13,900	13,900	7,130	7,130	11,700	12,400	NP	NP
Iron	7439-89-6	ppm-Al	93	93	100	1,530,000	3,180,000	--	--	2,230,000	2,230,000	285,000	285,000	2,210,000	2,290,000	NP	NP
Lead	7439-92-1	ppm-Al	90	90	100	536	84,900	--	--	18,200	18,200	10,900	10,900	14,700	17,100	NP	NP
Magnesium	7439-95-4	ppm-Al	93	93	100	363,000	777,000	--	--	529,000	529,000	82,900	82,900	523,000	516,000	N/G/Ln	N/G/Ln
Manganese	7439-96-5	ppm-Al	93	93	100	11,300	62,900	--	--	36,200	36,200	10,700	10,700	34,600	33,300	G/Ln	G/Ln
Mercury	7439-97-6	ppm-Al	57	57	100	2.1	898	--	--	277	277	206	206	184	199	NP	NP
Nickel	7440-02-0	ppm-Al	93	93	100	1,080	9,900	--	--	2,890	2,890	1,200	1,200	2,720	2,550	NP	NP
Potassium	7440-09-7	ppm-Al	92	92	100	99,300	217,000	--	--	165,000	165,000	29,600	29,600	162,000	164,000	NP	NP
Selenium	7782-49-2	ppm-Al	93	79	85	59.0	382	45.0	244	109	112	58.5	54.9	95.5	91.5	NP	NP
Silver	7440-22-4	ppm-Al	93	92	99	4.1	641	4.9	4.9	254	254	141	140	192	226	NP	NP
Sodium	7440-23-5	ppm-Al	93	93	100	279,000	1,830,000	--	--	560,000	560,000	181,000	181,000	540,000	531,000	G/Ln	G/Ln
Thallium	7440-28-0	ppm-Al	93	85	91	7.5	42.1	88.9	100	19.8	17.2	10.2	6.0	17.9	16.3	NP	NP
Titanium	7440-32-6	ppm-Al	93	93	100	23,200	51,900	--	--	30,600	30,600	4,880	4,880	30,300	30,700	G/Ln	G/Ln
Vanadium	7440-62-2	ppm-Al	93	93	100	746	5,990	--	--	2,570	2,570	796	796	2,460	2,440	NP	NP
Zinc	7440-66-6	ppm-Al	93	93	100	4,930	107,000	--	--	35,800	35,800	19,000	19,000	30,400	32,600	G	G
Subsurface (>3.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	149	111	75	3.2	1,030	3.9	296	76.2	72.4	116	116	38.6	52.2	NP	NP
Arsenic	7440-38-2	ppm-Al	161	161	100	93.8	8,790	--	--	1,680	1,680	1,600	1,600	1,170	1,050	NP	NP
Barium	7440-39-3	ppm-Al	149	149	100	1,610	1,220,000	--	--	20,500	20,500	100,000	100,000	9,470	10,500	NP	NP
Beryllium	7440-41-7	ppm-Al	149	145	97	33.2	118	38.3	112	53.7	54.0	12.8	12.3	52.4	51.9	NP	NP
Cadmium	7440-43-9	ppm-Al	149	148	99	4.1	1,440	8.6	8.6	400	401	370	369	170	282	NP	NP
Calcium	7440-70-2	ppm-Al	160	160	100	46,500	2,780,000	--	--	474,000	474,000	360,000	360,000	397,000	422,000	NP	NP
Chromium	7440-47-3	ppm-Al	149	149	100	1,560	60,800	--	--	17,000	17,000	14,500	14,500	10,800	13,200	NP	NP
Cobalt	7440-48-4	ppm-Al	149	149	100	360	2,650	--	--	858	858	255	255	832	809	NP	NP
Copper	7440-50-8	ppm-Al	149	149	100	691	42,100	--	--	14,900	14,900	10,900	10,900	8,760	13,400	NP	NP
Iron	7439-89-6	ppm-Al	161	161	100	1,040,000	5,670,000	--	--	2,270,000	2,270,000	437,000	437,000	2,230,000	2,270,000	NP	NP

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Lead	7439-92-1	ppm-Al	145	145	100	437	135,000	--	--	19,900	19,900	18,200	18,200	9,960	17,000	NP	NP
Magnesium	7439-95-4	ppm-Al	161	161	100	260,000	1,050,000	--	--	511,000	511,000	93,800	93,800	504,000	516,000	NP	NP
Manganese	7439-96-5	ppm-Al	149	149	100	12,200	66,600	--	--	33,500	33,500	10,600	10,600	31,700	33,700	N/G	N/G
Mercury	7439-97-6	ppm-Al	139	139	100	0.40	1,470	--	--	332	332	300	300	109	282	NP	NP
Nickel	7440-02-0	ppm-Al	149	149	100	1,040	8,180	--	--	3,000	3,000	1,290	1,290	2,760	2,770	G/Ln	G/Ln
Potassium	7440-09-7	ppm-Al	161	161	100	76,700	279,000	--	--	169,000	169,000	31,900	31,900	166,000	169,000	N/G	N/G
Selenium	7782-49-2	ppm-Al	149	100	67	52.3	317	40.4	436	110	109	59.6	55.6	94.8	93.5	Ln	NP
Silver	7440-22-4	ppm-Al	149	137	92	3.3	919	2.3	8.6	271	271	211	210	115	292	NP	NP
Sodium	7440-23-5	ppm-Al	161	161	100	131,000	827,000	--	--	412,000	412,000	112,000	112,000	396,000	412,000	N/G	N/G
Titanium	7440-32-6	ppm-Al	161	159	99	15,800	65,100	28,800	44,200	30,000	30,100	8,620	8,510	29,000	28,800	NP	NP
Zinc	7440-66-6	ppm-Al	149	149	100	3,060	207,000	--	--	34,500	34,500	27,700	27,700	23,400	29,200	NP	NP

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	76	76	100	245,000	587,000	--	--	470,000	470,000	77,500	77,500	463,000	483,000	NP	NP
Antimony	7440-36-0	ppm-Fe	76	46	61	11.5	209	34.5	471	45.7	41.1	35.2	27.8	38.3	35.8	G/Ln	NP
Arsenic	7440-38-2	ppm-Fe	76	76	100	250	2,510	--	--	413	413	267	267	382	352	NP	NP
Barium	7440-39-3	ppm-Fe	76	76	100	1,680	15,000	--	--	4,310	4,310	1,640	1,640	4,120	4,030	NP	NP
Beryllium	7440-41-7	ppm-Fe	76	75	99	16.4	43.2	38.4	38.4	23.4	23.4	4.2	4.1	23.1	22.9	NP	NP
Cadmium	7440-43-9	ppm-Fe	76	76	100	11.6	1,270	--	--	111	111	140	140	89.6	102	NP	NP
Calcium	7440-70-2	ppm-Fe	76	76	100	98,900	1,130,000	--	--	214,000	214,000	117,000	117,000	202,000	195,000	NP	NP
Chromium	7440-47-3	ppm-Fe	76	75	99	1,350	8,060	4,070	4,070	4,040	4,060	1,070	1,040	3,910	3,920	NP	NP
Cobalt	7440-48-4	ppm-Fe	75	75	100	232	1,700	--	--	373	373	160	160	361	358	NP	NP
Copper	7440-50-8	ppm-Fe	76	75	99	1,150	21,500	5,390	5,390	5,400	5,420	2,250	2,220	5,110	5,220	NP	NP
Lead	7439-92-1	ppm-Fe	75	75	100	1,470	39,600	--	--	7,600	7,600	4,530	4,530	6,930	7,030	NP	NP
Magnesium	7439-95-4	ppm-Fe	76	76	100	187,000	291,000	--	--	250,000	250,000	18,600	18,600	249,000	251,000	N/G/Ln	N/G/Ln
Manganese	7439-96-5	ppm-Fe	76	75	99	9,340	25,000	14,700	14,700	14,700	14,800	3,610	3,500	14,300	14,500	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm-Fe	44	44	100	16.8	129	--	--	71.0	71.0	24.2	24.2	66.9	65.1	G	G
Nickel	7440-02-0	ppm-Fe	76	75	99	728	4,280	1,360	1,360	1,210	1,210	406	399	1,170	1,180	NP	NP
Potassium	7440-09-7	ppm-Fe	72	72	100	54,800	124,000	--	--	86,200	86,200	17,800	17,800	84,400	84,200	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Fe	74	65	88	11.2	134	16.0	88.3	62.6	63.4	29.5	28.6	54.0	65.3	N/G	N
Silver	7440-22-4	ppm-Fe	76	75	99	11.6	191	79.5	79.5	84.1	84.4	30.7	30.2	78.3	78.1	NP	NP
Sodium	7440-23-5	ppm-Fe	76	76	100	167,000	793,000	--	--	349,000	349,000	130,000	130,000	329,000	326,000	G/Ln	G/Ln
Thallium	7440-28-0	ppm-Fe	73	64	88	5.4	245	26.4	102	19.7	17.6	29.4	28.7	13.6	11.1	NP	NP
Titanium	7440-32-6	ppm-Fe	67	67	100	10,200	21,000	--	--	15,800	15,800	2,480	2,480	15,600	15,600	N/G/Ln	N/G/Ln
Vanadium	7440-62-2	ppm-Fe	75	75	100	728	1,630	--	--	1,250	1,250	199	199	1,230	1,290	NP	NP
Zinc	7440-66-6	ppm-Fe	76	76	100	3,670	89,600	--	--	16,000	16,000	9,540	9,540	14,700	15,500	NP	NP

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	93	93	100	314,000	654,000	--	--	456,000	456,000	61,400	61,400	452,000	437,000	NP	NP
Antimony	7440-36-0	ppm-Fe	93	82	88	1.9	136	1.9	84.7	31.5	30.5	21.1	21.4	24.7	25.1	NP	NP
Arsenic	7440-38-2	ppm-Fe	93	93	100	204	2,240	--	--	510	510	428	428	418	353	NP	NP
Barium	7440-39-3	ppm-Fe	93	93	100	963	8,920	--	--	4,560	4,560	1,920	1,920	4,090	4,520	N/G	N/G
Beryllium	7440-41-7	ppm-Fe	93	93	100	6.7	34.5	--	--	22.7	22.7	4.2	4.2	22.3	22.4	NP	NP
Cadmium	7440-43-9	ppm-Fe	93	93	100	3.2	522	--	--	145	145	124	124	96.1	112	NP	NP
Calcium	7440-70-2	ppm-Fe	93	93	100	49,500	562,000	--	--	200,000	200,000	79,800	79,800	186,000	195,000	NP	NP
Chromium	7440-47-3	ppm-Fe	93	93	100	782	24,500	--	--	6,010	6,010	4,930	4,930	4,680	4,310	NP	NP
Cobalt	7440-48-4	ppm-Fe	93	93	100	103	768	--	--	357	357	89.4	89.4	347	340	NP	NP
Copper	7440-50-8	ppm-Fe	93	93	100	322	18,100	--	--	6,450	6,450	3,590	3,590	5,310	5,610	NP	NP
Lead	7439-92-1	ppm-Fe	90	90	100	234	33,400	--	--	8,370	8,370	5,200	5,200	6,630	7,550	NP	NP
Magnesium	7439-95-4	ppm-Fe	93	93	100	193,000	282,000	--	--	237,000	237,000	21,700	21,700	236,000	236,000	N/G/Ln	N/G/Ln
Manganese	7439-96-5	ppm-Fe	93	93	100	4,710	26,000	--	--	16,100	16,100	3,950	3,950	15,600	16,200	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm-Fe	57	57	100	0.83	414	--	--	129	129	99.9	99.9	82.9	89.4	NP	NP
Nickel	7440-02-0	ppm-Fe	93	93	100	452	3,770	--	--	1,330	1,330	617	617	1,230	1,130	NP	NP
Potassium	7440-09-7	ppm-Fe	92	92	100	45,400	100,000	--	--	74,100	74,100	11,400	11,400	73,100	76,600	NP	NP
Selenium	7782-49-2	ppm-Fe	93	79	85	23.5	162	19.7	136	49.9	51.3	27.7	26.2	43.2	40.8	Ln	NP
Silver	7440-22-4	ppm-Fe	93	92	99	1.7	352	2.7	2.7	119	119	76.5	76.1	86.6	98.5	NP	NP
Sodium	7440-23-5	ppm-Fe	93	93	100	138,000	602,000	--	--	252,000	252,000	66,600	66,600	244,000	245,000	G/Ln	G/Ln
Thallium	7440-28-0	ppm-Fe	93	85	91	3.4	18.9	37.2	41.7	9.0	8.0	4.6	3.2	8.1	7.3	NP	NP
Titanium	7440-32-6	ppm-Fe	93	93	100	9,660	28,900	--	--	13,900	13,900	2,580	2,580	13,700	13,900	G/Ln	G/Ln
Vanadium	7440-62-2	ppm-Fe	93	93	100	311	3,490	--	--	1,180	1,180	471	471	1,110	1,100	NP	NP
Zinc	7440-66-6	ppm-Fe	93	93	100	2,030	43,500	--	--	16,500	16,500	9,350	9,350	13,700	14,500	G	G

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Subsurface (>3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	161	161	100	176,000	966,000	--	--	455,000	455,000	82,900	82,900	448,000	440,000	NP	NP
Antimony	7440-36-0	ppm-Fe	149	111	75	1.3	400	1.5	121	34.5	32.8	47.9	48.3	17.3	25.8	NP	NP
Arsenic	7440-38-2	ppm-Fe	161	161	100	58.8	3,820	--	--	749	749	700	700	525	494	Ln	Ln
Barium	7440-39-3	ppm-Fe	149	149	100	871	215,000	--	--	7,190	7,190	18,800	18,800	4,250	4,820	NP	NP
Beryllium	7440-41-7	ppm-Fe	149	145	97	10.4	54.7	15.4	43.9	24.3	24.5	6.7	6.5	23.5	23.5	NP	NP
Cadmium	7440-43-9	ppm-Fe	149	148	99	2.2	787	2.7	2.7	192	192	189	188	76.2	123	NP	NP
Calcium	7440-70-2	ppm-Fe	160	160	100	35,300	1,080,000	--	--	210,000	210,000	143,000	143,000	178,000	201,000	NP	NP
Chromium	7440-47-3	ppm-Fe	149	149	100	557	31,500	--	--	8,050	8,050	7,300	7,300	4,830	5,870	NP	NP
Cobalt	7440-48-4	ppm-Fe	149	149	100	157	1,030	--	--	385	385	111	111	373	353	NP	NP
Copper	7440-50-8	ppm-Fe	149	149	100	236	21,600	--	--	7,000	7,000	5,350	5,350	3,930	6,180	NP	NP
Lead	7439-92-1	ppm-Fe	145	145	100	138	69,700	--	--	9,290	9,290	8,850	8,850	4,450	7,960	NP	NP
Magnesium	7439-95-4	ppm-Fe	161	161	100	64,600	543,000	--	--	229,000	229,000	39,200	39,200	226,000	226,000	NP	NP
Manganese	7439-96-5	ppm-Fe	149	149	100	5,300	31,400	--	--	14,800	14,800	3,920	3,920	14,200	15,400	NP	NP
Mercury	7439-97-6	ppm-Fe	139	139	100	0.27	900	--	--	157	157	152	152	48.6	129	NP	NP
Nickel	7440-02-0	ppm-Fe	149	149	100	503	3,780	--	--	1,390	1,390	683	683	1,240	1,240	NP	NP
Potassium	7440-09-7	ppm-Fe	161	161	100	30,400	119,000	--	--	75,100	75,100	11,500	11,500	74,200	75,200	NP	NP
Selenium	7782-49-2	ppm-Fe	149	100	67	23.7	173	17.8	207	50.3	50.8	30.4	28.8	42.5	42.3	NP	NP
Silver	7440-22-4	ppm-Fe	149	137	92	1.3	402	1.1	4.1	129	129	106	105	51.4	127	NP	NP
Sodium	7440-23-5	ppm-Fe	161	161	100	54,800	381,000	--	--	187,000	187,000	57,200	57,200	177,000	195,000	NP	NP
Thallium	7440-28-0	ppm-Fe	149	130	87	2.5	33.7	2.7	59.3	10.2	9.2	6.2	5.6	8.4	8.9	NP	NP
Titanium	7440-32-6	ppm-Fe	161	159	99	6,330	44,000	11,800	17,400	13,600	13,600	4,870	4,810	13,000	13,000	NP	NP
Vanadium	7440-62-2	ppm-Fe	149	149	100	480	5,170	--	--	1,440	1,440	686	686	1,320	1,210	NP	NP
Zinc	7440-66-6	ppm-Fe	149	149	100	1,740	50,100	--	--	15,900	15,900	12,200	12,200	10,500	13,500	NP	NP

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb-TOC	19	2	11	29	3,000	270	800	410	--	640	--	270	290	--	--
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	20	1	5	67	67	170	11,000	520	--	1,200	--	270	290	--	--
2,4-D	94-75-7	ppb-TOC	19	0	0	--	--	710	39,000	--	--	--	--	--	--	--	--
2,4-DB	94-82-6	ppb-TOC	21	2	10	630	800	710	39,000	1,900	--	4,000	--	1,100	1,200	--	--
Organotins																	
Dibutyltin	1191-48-6	ppb-TOC	35	33	94	310	4,600	27	79	1,000	1,100	900	870	740	790	Ln	Ln
Monobutyltin	78763-54-9	ppb-TOC	35	34	97	59	1,400	27	27	450	450	360	350	310	380	G/Ln	Ln
Tetrabutyltin	1461-25-2	ppb-TOC	35	10	29	15	66	20	280	33	27	23	15	28	29	N/G/Ln	NP
Tributyltin	688-73-3	ppb-TOC	35	33	94	110	1,900	27	79	560	570	420	410	400	470	G/Ln	N/Ln
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb-TOC	6	0	0	--	--	200	19,000	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb-TOC	6	0	0	--	--	200	19,000	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb-TOC	6	0	0	--	--	200	19,000	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb-TOC	6	2	33	3,200	8,700	2,100	19,000	4,300	--	3,800	--	3,000	2,600	--	--
Aroclor-1248	12672-29-6	ppb-TOC	6	4	67	9,000	28,000	200	240	12,000	--	11,000	--	3,000	10,000	--	--
Aroclor-1254	11097-69-1	ppb-TOC	6	6	100	4,500	28,000	--	--	14,000	14,000	9,200	9,200	11,000	10,000	--	--
Aroclor-1260	11096-82-5	ppb-TOC	6	6	100	2,400	17,000	--	--	8,000	8,000	5,200	5,200	6,600	8,000	--	--
Aroclor-1262	37324-23-5	ppb-TOC	2	0	0	--	--	200	240	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb-TOC	2	0	0	--	--	200	240	--	--	--	--	--	--	--	--
Total Aroclor PCBs	No CAS	ppb-TOC	6	6	100	10,000	73,000	--	--	35,000	35,000	23,000	23,000	29,000	28,000	--	--
Pesticides																	
2,4'-DDD	53-19-0	ppb-TOC	23	23	100	47	790	--	--	310	310	200	200	240	260	N/G/Ln	N/G/Ln
2,4'-DDE	3424-82-6	ppb-TOC	23	23	100	24	360	--	--	120	120	87	87	98	100	G/Ln	G/Ln
2,4'-DDT	789-02-6	ppb-TOC	23	23	100	3.5	140	--	--	42	42	36	36	29	37	G/Ln	G/Ln
4,4'-DDD	72-54-8	ppb-TOC	28	27	96	130	2,200	1,900	1,900	790	780	460	460	660	770	G/Ln	G/Ln
4,4'-DDE	72-55-9	ppb-TOC	28	27	96	140	1,900	1,900	1,900	830	820	460	460	690	730	N/G/Ln	N/G/Ln
4,4'-DDT	50-29-3	ppb-TOC	28	27	96	17	2,500	1,900	1,900	450	430	620	600	210	190	G/Ln	G/Ln
Aldrin	309-00-2	ppb-TOC	28	21	75	0.56	15	0.32	1,000	35	5.9	98	4.4	7.0	5.2	N/G/Ln	N
Alpha-BHC	319-84-6	ppb-TOC	28	12	43	0.59	8.6	1.1	1,000	32	2.4	99	2.6	3.6	1.8	G/Ln	NP
Alpha-Chlordane	5103-71-9	ppb-TOC	28	23	82	65	860	380	1,000	410	410	210	220	350	380	N/G	N/G/Ln
Beta-BHC	319-85-7	ppb-TOC	28	20	71	1.2	23	1.7	1,000	37	7.7	98	5.5	9.5	7.8	G/Ln	Ln
Delta-BHC	319-86-8	ppb-TOC	26	17	65	0.17	2.2	0.54	1,000	33	0.83	100	0.57	1.7	0.85	N	Ln
Dieldrin	60-57-1	ppb-TOC	28	23	82	19	360	200	1,900	150	110	180	69	110	110	G/Ln	NP
Endosulfan I	959-98-8	ppb-TOC	28	0	0	--	--	0.48	1,000	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb-TOC	28	7	25	2.7	83	2.7	1,900	68	8.2	190	16	13	7.0	G/Ln	NP
Endosulfan Sulfate	1031-07-8	ppb-TOC	28	19	68	0.43	9.2	0.31	1,900	64	4.1	190	2.7	6.5	5.3	N/G	N
Endrin	72-20-8	ppb-TOC	28	14	50	0.75	5.2	0.17	1,900	61	1.4	190	1.0	2.6	1.4	G/Ln	Ln

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Endrin Aldehyde	7421-93-4	ppb-TOC	28	5	18	0.25	0.85	0.20	1,900	73	0.31	200	0.15	1.3	0.46	G/Ln	NP
Endrin Ketone	53494-70-5	ppb-TOC	28	11	39	0.45	1.4	0.15	1,900	61	0.75	190	0.30	2.0	0.81	N/G/Ln	NP
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	28	17	61	0.26	15	0.35	1,000	32	1.7	99	2.9	2.2	1.3	Ln	NP
Gamma-Chlordane	5566-34-7	ppb-TOC	26	21	81	65	770	96	1,000	350	350	210	210	270	350	N/G/Ln	N/Ln
Heptachlor	76-44-8	ppb-TOC	28	21	75	0.63	170	0.19	1,000	39	9.6	100	32	5.1	3.6	NP	NP
Heptachlor Epoxide	1024-57-3	ppb-TOC	28	23	82	3.0	60	96	1,000	54	27	95	17	28	33	N/G	N
Hexachlorobenzene	118-74-1	ppb-TOC	23	23	100	22	330	--	--	110	110	75	75	92	100	G/Ln	G/Ln
Methoxychlor	72-43-5	ppb-TOC	28	19	68	3.4	51	3.7	10,000	320	15	990	12	26	15	G/Ln	Ln
Total Alpha + Gamma Chlordane	No CAS	ppb-TOC	26	21	81	130	1,500	410	1,000	710	710	400	400	580	630	N/G	N/G/Ln
Total DDT (2,4 & 4,4)	No CAS	ppb-TOC	14	14	100	400	3,800	--	--	2,100	2,100	820	820	1,900	2,100	N/G	N/G
Total DDT (2,4)	No CAS	ppb-TOC	14	14	100	84	770	--	--	440	440	190	190	390	410	N/G/Ln	N/G/Ln
Total DDT (4,4)	No CAS	ppb-TOC	28	27	96	310	5,300	1,900	1,900	2,000	2,000	1,300	1,300	1,600	1,700	G/Ln	G/Ln
Toxaphene	8001-35-2	ppb-TOC	26	1	4	150	150	4.3	38,000	1,700	--	4,300	--	61	25	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	12	0	0	--	--	3,000	10,000	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	4	1	25	2,500	2,500	21,000	190,000	30,000	--	43,000	--	13,000	12,000	--	--
1,2-Dichlorobenzene	95-50-1	ppb-TOC	4	0	0	--	--	19,000	190,000	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	4	0	0	--	--	19,000	190,000	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	ppb-TOC	4	2	50	2,600	2,800	25,000	190,000	28,000	--	45,000	--	9,600	7,700	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	12	0	0	--	--	3,000	10,000	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	12	0	0	--	--	5,800	19,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	16	0	0	--	--	5,800	190,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	16	0	0	--	--	14,000	1,100,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	16	1	6	5,900	5,900	3,000	190,000	10,000	--	23,000	--	4,500	3,000	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	32	31	97	800	18,000	10,000	10,000	6,100	6,100	5,000	4,900	4,300	5,100	G/Ln	G/Ln
2-Methylphenol	95-48-7	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	16	0	0	--	--	5,800	380,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb-TOC	16	0	0	--	--	5,800	190,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	16	0	0	--	--	5,800	480,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
4-Chloroaniline	106-47-8	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
4-Nitroaniline	100-01-6	ppb-TOC	16	0	0	--	--	5,800	190,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	16	0	0	--	--	5,800	480,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	33	33	100	1,900	14,000	--	--	5,300	5,300	2,900	2,900	4,600	4,600	G/Ln	G/Ln
Acenaphthylene	208-96-8	ppb-TOC	33	33	100	1,600	26,000	--	--	8,900	8,900	5,000	5,000	7,800	7,500	Ln	Ln
Acetophenone	98-86-2	ppb-TOC	12	3	25	1,200	1,900	3,000	10,000	2,600	--	1,200	--	2,400	2,300	--	--
Anthracene	120-12-7	ppb-TOC	33	33	100	3,500	60,000	--	--	17,000	17,000	10,000	10,000	15,000	14,000	G/Ln	G/Ln
Atrazine	1912-24-9	ppb-TOC	12	0	0	--	--	3,000	10,000	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb-TOC	12	7	58	1,200	2,300	4,600	6,300	2,200	1,800	580	350	2,100	2,200	N/G/Ln	N/G/Ln
Benzo(a)anthracene	56-55-3	ppb-TOC	33	33	100	13,000	130,000	--	--	53,000	53,000	25,000	25,000	48,000	45,000	G/Ln	G/Ln
Benzo(a)pyrene	50-32-8	ppb-TOC	33	33	100	15,000	150,000	--	--	64,000	64,000	31,000	31,000	57,000	53,000	G/Ln	G/Ln
Benzo(b)fluoranthene	205-99-2	ppb-TOC	18	18	100	33,000	230,000	--	--	72,000	72,000	50,000	50,000	61,000	55,000	G	G
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	33	33	100	9,900	88,000	--	--	41,000	41,000	18,000	18,000	37,000	37,000	N/G/Ln	N/G/Ln
Benzo(k)fluoranthene	207-08-9	ppb-TOC	32	32	100	13,000	120,000	--	--	50,000	50,000	24,000	24,000	45,000	47,000	N/G/Ln	N/G/Ln
Biphenyl	92-52-4	ppb-TOC	33	21	64	750	5,000	3,000	10,000	2,500	2,300	1,100	1,000	2,300	2,500	N/G/Ln	G/Ln
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	16	16	100	46,000	570,000	--	--	170,000	170,000	140,000	140,000	130,000	120,000	G/Ln	G/Ln
Butyl benzyl phthalate	85-68-7	ppb-TOC	16	14	88	1,600	11,000	25,000	190,000	11,000	4,700	23,000	2,600	5,300	4,800	N/G/Ln	N/G/Ln
Caprolactam	105-60-2	ppb-TOC	12	0	0	--	--	3,000	10,000	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb-TOC	16	14	88	1,600	6,300	25,000	190,000	9,700	3,400	23,000	1,400	4,200	3,500	N/G/Ln	N/G/Ln
Chrysene	218-01-9	ppb-TOC	33	33	100	17,000	150,000	--	--	67,000	67,000	29,000	29,000	61,000	60,000	N/G/Ln	N/G/Ln
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	33	33	100	2,700	26,000	--	--	12,000	12,000	5,500	5,500	11,000	11,000	N/G/Ln	N/G/Ln
Dibenzofuran	132-64-9	ppb-TOC	17	10	59	710	6,000	3,800	190,000	8,500	2,000	22,000	1,200	3,000	2,200	G/Ln	NP
Diethyl phthalate	84-66-2	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	16	4	25	1,900	6,700	3,000	190,000	9,600	--	23,000	--	4,100	3,000	--	--
Di-n-Octylphthalate	117-84-0	ppb-TOC	16	9	56	2,000	17,000	5,000	190,000	13,000	6,400	22,000	4,400	6,900	8,300	N/G/Ln	G/Ln
Fluoranthene	206-44-0	ppb-TOC	33	33	100	27,000	240,000	--	--	100,000	100,000	46,000	46,000	94,000	95,000	N/G/Ln	N/G/Ln
Fluorene	86-73-7	ppb-TOC	33	33	100	1,300	14,000	--	--	4,900	4,900	2,900	2,900	4,300	4,200	G/Ln	G/Ln
Hexachlorobenzene	118-74-1	ppb-TOC	16	1	6	1,100	1,100	3,000	190,000	10,000	--	23,000	--	4,200	3,000	--	--
Hexachlorobutadiene	87-68-3	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	16	0	0	--	--	3,000	380,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	33	33	100	10,000	100,000	--	--	42,000	42,000	21,000	21,000	37,000	37,000	N/G/Ln	N/G/Ln
Isophorone	78-59-1	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb-TOC	33	33	100	1,000	56,000	--	--	15,000	15,000	14,000	14,000	9,300	10,000	G/Ln	G/Ln

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Nitrobenzene	98-95-3	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	16	2	13	830	1,800	3,800	190,000	10,000	--	23,000	--	4,200	3,000	--	--
Pentachlorophenol	87-86-5	ppb-TOC	16	1	6	9,200	9,200	5,800	480,000	25,000	--	58,000	--	9,500	6,300	--	--
Phenanthrene	85-01-8	ppb-TOC	33	33	100	8,900	110,000	--	--	40,000	40,000	22,000	22,000	35,000	36,000	G/Ln	G/Ln
Phenol	108-95-2	ppb-TOC	16	0	0	--	--	3,000	190,000	--	--	--	--	--	--	--	--
Pyrene	129-00-0	ppb-TOC	33	33	100	29,000	220,000	--	--	100,000	100,000	44,000	44,000	96,000	91,000	N/G/Ln	N/G/Ln
Total HMW PAHs-SVOC	No CAS	ppb-TOC	18	18	100	270,000	1,200,000	--	--	470,000	470,000	220,000	220,000	440,000	420,000	NP	NP
Total LMW PAHs-SVOC	No CAS	ppb-TOC	32	32	100	27,000	180,000	--	--	83,000	83,000	39,000	39,000	74,000	72,000	G/Ln	G/Ln
TOTAL PAHs - SVOC	No CAS	ppb-TOC	18	18	100	290,000	1,400,000	--	--	540,000	540,000	260,000	260,000	500,000	470,000	NP	NP
TPH																	
Total Petroleum Hydrocarbons	TPH	ppb-TOC	7	7	100	15,000	69,000	--	--	38,000	38,000	19,000	19,000	34,000	33,000	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb-TOC	10	0	0	--	--	340	5,200	--	--	--	--	--	--	--	--
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	9	0	0	--	--	340	5,200	--	--	--	--	--	--	--	--
2,4-D	94-75-7	ppb-TOC	10	0	0	--	--	1,400	21,000	--	--	--	--	--	--	--	--
2,4-DB	94-82-6	ppb-TOC	10	0	0	--	--	1,400	21,000	--	--	--	--	--	--	--	--
Organotins																	
Dibutyltin	1191-48-6	ppb-TOC	82	73	89	36	6,200	57	570	1,400	1,400	1,100	1,100	850	1,100	G/Ln	Ln
Monobutyltin	78763-54-9	ppb-TOC	82	73	89	21	2,100	68	570	640	640	510	510	400	470	G	NP
Tetrabutyltin	1461-25-2	ppb-TOC	82	35	43	20	350	25	570	63	57	63	56	45	36	Ln	NP
Tributyltin	688-73-3	ppb-TOC	82	72	88	39	6,700	57	570	780	780	880	880	470	590	G/Ln	Ln
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb-TOC	20	0	0	--	--	23	380	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb-TOC	20	0	0	--	--	23	380	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb-TOC	20	0	0	--	--	23	380	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb-TOC	20	15	75	3,800	52,000	23	220	11,000	11,000	14,000	13,000	2,300	5,700	G/Ln	Ln
Aroclor-1248	12672-29-6	ppb-TOC	20	0	0	--	--	23	380	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb-TOC	20	15	75	3,600	25,000	23	220	6,100	7,000	6,500	5,600	1,700	4,700	NP	Ln
Aroclor-1260	11096-82-5	ppb-TOC	20	15	75	1,800	15,000	23	220	3,300	3,700	3,700	3,300	1,000	2,800	NP	Ln
Aroclor-1262	37324-23-5	ppb-TOC	20	0	0	--	--	23	380	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb-TOC	20	0	0	--	--	23	380	--	--	--	--	--	--	--	--
Total Aroclor PCBs	No CAS	ppb-TOC	20	15	75	9,900	92,000	23	220	20,000	22,000	24,000	21,000	3,900	15,000	NP	Ln

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Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Pesticides																	
2,4'-DDD	53-19-0	ppb-TOC	68	58	85	0.51	720	0.78	1,500	240	230	180	170	140	220	NP	NP
2,4'-DDE	3424-82-6	ppb-TOC	68	38	56	0.93	1,700	0.27	570	180	170	310	310	71	92	NP	Ln
2,4'-DDT	789-02-6	ppb-TOC	68	55	81	0.46	1,600	0.23	1,300	190	180	270	270	48	57	NP	NP
4,4'-DDD	72-54-8	ppb-TOC	68	64	94	1.7	1,700	1.2	570	500	500	420	420	280	370	G	NP
4,4'-DDE	72-55-9	ppb-TOC	67	63	94	3.1	13,000	0.38	570	1,100	1,100	1,900	1,900	420	500	NP	NP
4,4'-DDT	50-29-3	ppb-TOC	68	55	81	0.93	4,500	0.27	1,600	370	350	640	630	130	150	G/Ln	Ln
Aldrin	309-00-2	ppb-TOC	68	33	49	0.14	370	0.28	570	33	18	55	45	13	25	Ln	NP
Alpha-BHC	319-84-6	ppb-TOC	68	29	43	0.39	12	0.12	570	25	3.0	40	3.0	7.6	12	G/Ln	NP
Alpha-Chlordane	5103-71-9	ppb-TOC	68	54	79	2.6	900	1.9	570	240	240	230	230	120	180	N/G	NP
Beta-BHC	319-85-7	ppb-TOC	68	41	60	0.17	150	6.1	570	28	12	44	25	10	8.7	NP	NP
Delta-BHC	319-86-8	ppb-TOC	67	25	37	0.21	110	0.14	570	29	4.8	52	17	5.4	5.5	NP	NP
Dieldrin	60-57-1	ppb-TOC	68	42	62	3.0	1,600	2.4	860	110	93	210	210	47	44	NP	NP
Endosulfan I	959-98-8	ppb-TOC	68	8	12	25	130	0.29	570	28	31	44	18	6.6	24	N/G/Ln	NP
Endosulfan II	33213-65-9	ppb-TOC	68	15	22	0.83	180	0.44	570	30	9.9	43	26	12	24	G/Ln	NP
Endosulfan Sulfate	1031-07-8	ppb-TOC	67	12	18	0.67	12	0.040	570	25	1.5	41	2.1	4.4	21	G/Ln	NP
Endrin	72-20-8	ppb-TOC	68	8	12	2.8	150	0.17	570	32	13	48	31	6.4	26	N/G/Ln	NP
Endrin Aldehyde	7421-93-4	ppb-TOC	68	2	3	2.6	160	0.20	570	26	--	44	--	4.9	5.3	--	--
Endrin Ketone	53494-70-5	ppb-TOC	68	11	16	0.15	10	0.28	1,300	36	0.99	86	1.8	5.8	7.0	G/Ln	NP
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	68	30	44	0.44	77	0.37	570	26	9.3	42	18	7.2	18	NP	NP
Gamma-Chlordane	5566-34-7	ppb-TOC	50	40	80	3.1	1,200	5.6	570	280	280	240	240	170	260	G	NP
Heptachlor	76-44-8	ppb-TOC	68	30	44	0.18	15	0.12	570	23	2.5	40	3.6	5.6	10	Ln	NP
Heptachlor Epoxide	1024-57-3	ppb-TOC	68	52	77	0.54	450	0.050	910	74	60	100	91	16	35	NP	NP
Hexachlorobenzene	118-74-1	ppb-TOC	68	55	81	4.7	1,400	0.30	570	100	100	210	210	53	49	NP	NP
Methoxychlor	72-43-5	ppb-TOC	68	11	16	2.9	440	0.16	800	51	22	80	60	16	29	G/Ln	NP
Total Alpha + Gamma Chlordane	No CAS	ppb-TOC	50	41	82.00	5.6	2,100	5.6	570	480	470	440	440	250	390	G	NP
Total DDT (4,4)	No CAS	ppb-TOC	67	64	95.50	1.7	14,000	57	570	1,900	1,900	2,300	2,300	880	1,300	NP	NP
Toxaphene	8001-35-2	ppb-TOC	50	0	0	--	--	14	57,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	41	0	0	--	--	4,800	250,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	ppb-TOC	41	0	0	--	--	4,800	250,000	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	41	0	0	--	--	12,000	610,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--

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Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2-Chloronaphthalene	91-58-7	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	44	37	84	1,200	49,000	10,000	130,000	10,000	7,900	14,000	10,000	5,700	5,300	Ln	G
2-Methylphenol	95-48-7	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	41	0	0	--	--	4,800	250,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb-TOC	41	0	0	--	--	4,800	250,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	41	0	0	--	--	4,800	250,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
4-Nitroaniline	100-01-6	ppb-TOC	41	0	0	--	--	4,800	250,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	41	0	0	--	--	4,800	250,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	44	39	89	34	88,000	10,000	130,000	12,000	11,000	18,000	17,000	5,800	5,700	NP	NP
Acenaphthylene	208-96-8	ppb-TOC	44	41	93	28	52,000	14,000	130,000	9,700	8,300	13,000	9,900	5,800	6,100	NP	NP
Acetophenone	98-86-2	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
Anthracene	120-12-7	ppb-TOC	44	42	96	71	170,000	14,000	18,000	27,000	27,000	35,000	35,000	15,000	13,000	NP	NP
Atrazine	1912-24-9	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb-TOC	41	18	44	830	4,800	3,700	130,000	9,800	2,000	13,000	1,000	4,700	4,000	G/Ln	NP
Benzo(a)anthracene	56-55-3	ppb-TOC	44	42	96	110	280,000	14,000	18,000	55,000	55,000	55,000	55,000	36,000	40,000	NP	NP
Benzo(a)pyrene	50-32-8	ppb-TOC	44	42	96	2,500	230,000	14,000	18,000	61,000	60,000	48,000	47,000	45,000	48,000	NP	NP
Benzo(b)fluoranthene	205-99-2	ppb-TOC	44	42	96	2,100	280,000	14,000	18,000	62,000	62,000	45,000	45,000	48,000	56,000	G	NP
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	44	42	96	170	97,000	14,000	18,000	37,000	36,000	21,000	22,000	28,000	33,000	NP	NP
Benzo(k)fluoranthene	207-08-9	ppb-TOC	44	42	96	130	200,000	14,000	18,000	44,000	44,000	41,000	40,000	29,000	29,000	NP	NP
Biphenyl	92-52-4	ppb-TOC	41	4	10	600	2,600	2,500	130,000	10,000	--	13,000	--	5,500	4,800	--	--
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	41	35	85	6,900	3,900,000	8,000	74,000	460,000	460,000	770,000	760,000	130,000	140,000	Ln	Ln
Butyl benzyl phthalate	85-68-7	ppb-TOC	41	21	51	1,700	33,000	3,300	130,000	11,000	5,000	13,000	5,100	6,700	5,200	NP	NP
Caprolactam	105-60-2	ppb-TOC	41	0	0	--	--	3,700	140,000	--	--	--	--	--	--	--	--
Carbazole	86-74-8	ppb-TOC	41	18	44	1,300	31,000	8,000	130,000	11,000	3,300	14,000	5,000	6,000	4,800	NP	NP
Chrysene	218-01-9	ppb-TOC	44	42	96	230	280,000	14,000	18,000	70,000	70,000	60,000	59,000	48,000	59,000	NP	NP
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	44	42	96	41	120,000	14,000	18,000	12,000	12,000	18,000	18,000	7,400	8,500	NP	NP
Dibenzofuran	132-64-9	ppb-TOC	41	12	29	710	8,700	3,300	130,000	10,000	2,300	13,000	2,100	5,200	4,400	G/Ln	NP
Diethyl phthalate	84-66-2	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
Dimethylphthalate	131-11-3	ppb-TOC	41	1	2	3,800	3,800	2,500	130,000	10,000	--	13,000	--	5,900	4,800	--	--

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Di-n-Butylphthalate	84-74-2	ppb-TOC	41	4	10	1,100	1,900	2,500	130,000	10,000	--	13,000	--	5,600	4,800	--	--
Di-n-Octylphthalate	117-84-0	ppb-TOC	41	25	61	2,300	290,000	7,200	120,000	28,000	25,000	57,000	57,000	10,000	8,000	NP	NP
Fluoranthene	206-44-0	ppb-TOC	44	42	96	410	620,000	14,000	18,000	110,000	110,000	110,000	110,000	69,000	78,000	NP	NP
Fluorene	86-73-7	ppb-TOC	44	40	91	140	65,000	10,000	130,000	11,000	9,300	14,000	11,000	5,800	6,000	G/Ln	G/Ln
Hexachlorobenzene	118-74-1	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
Hexachlorobutadiene	87-68-3	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	40	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	44	42	96	130	140,000	14,000	18,000	35,000	35,000	27,000	27,000	25,000	27,000	NP	NP
Isophorone	78-59-1	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb-TOC	44	38	86	2,000	71,000	12,000	130,000	18,000	16,000	18,000	17,000	12,000	11,000	G/Ln	Ln
Nitrobenzene	98-95-3	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	41	0	0	--	--	2,500	130,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	41	5	12	1,100	8,100	2,500	130,000	10,000	2,300	13,000	1,700	5,600	4,800	N/G/Ln	NP
Pentachlorophenol	87-86-5	ppb-TOC	41	0	0	--	--	4,800	250,000	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	ppb-TOC	44	42	96	310	440,000	14,000	18,000	54,000	54,000	78,000	77,000	31,000	34,000	NP	NP
Phenol	108-95-2	ppb-TOC	41	1	2	4,600	4,600	2,500	130,000	10,000	--	13,000	--	6,000	4,800	--	--
Pyrene	129-00-0	ppb-TOC	44	42	96	330	510,000	14,000	18,000	100,000	100,000	93,000	92,000	68,000	79,000	NP	NP
Total HMW PAHs-SVOC	No CAS	ppb-TOC	41	38	93	8,600	2,500,000	14,000	74,000	470,000	470,000	440,000	440,000	300,000	370,000	NP	NP
Total LMW PAHs-SVOC	No CAS	ppb-TOC	41	37	90	8,600	510,000	12,000	74,000	75,000	75,000	99,000	98,000	46,000	40,000	NP	NP
TOTAL PAHs - SVOC	No CAS	ppb-TOC	41	38	93	8,600	3,100,000	14,000	74,000	540,000	540,000	540,000	540,000	340,000	410,000	NP	NP
TPH																	
Total Petroleum Hydrocarbons	TPH	ppb-TOC	20	20	100	1,800	140,000	--	--	51,000	51,000	43,000	43,000	33,000	34,000	G/Ln	G/Ln
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
1,1-Dichloroethene	75-35-4	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	ppb-TOC	4	2	50	25	55	120	480	95	--	98	--	67	58	--	--
1,2-Dichloroethane	107-06-2	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	4	2	50	41	71	120	480	100	--	92	--	80	66	--	--
1,4-Dichlorobenzene	106-46-7	ppb-TOC	4	2	50	130	130	120	480	140	--	74	--	120	130	--	--
2-Butanone	78-93-3	ppb-TOC	4	4	100	490	2,200	--	--	1,100	1,100	790	790	880	760	--	--
2-Hexanone	591-78-6	ppb-TOC	4	0	0	--	--	890	9,600	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	108-10-1	ppb-TOC	4	2	50	160	170	1,600	9,600	1,500	--	2,200	--	570	490	--	--

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Acetone	67-64-1	ppb-TOC	4	3	75	2,800	8,100	13,000	13,000	5,200	--	2,500	--	4,800	5,000	--	--
Benzene	71-43-2	ppb-TOC	4	1	25	25	25	81	480	91	--	100	--	62	50	--	--
Bromodichloromethane	75-27-4	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	ppb-TOC	4	4	100	140	1,000	--	--	440	440	390	390	340	320	--	--
Carbon Tetrachloride	56-23-5	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb-TOC	4	2	50	39	58	120	480	99	--	94	--	76	59	--	--
Chloroethane	75-00-3	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
Methylene Chloride	75-09-2	ppb-TOC	4	0	0	--	--	440	4,800	--	--	--	--	--	--	--	--
Styrene	100-42-5	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb-TOC	4	1	25	25	25	44	480	82	--	110	--	48	33	--	--
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb-TOC	4	0	0	--	--	44	480	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb-TOC	4	1	25	13	13	81	480	88	--	100	--	52	50	--	--
Subsurface (>3.5 ft bss)																	
Herbicides																	
2,4,5-T	93-76-5	ppb-TOC	110	0	0	--	--	61	3,100	--	--	--	--	--	--	--	--
2,4,5-TP (Silvex)	93-72-1	ppb-TOC	111	1	1	73	73	61	3,100	330	--	220	--	270	250	--	--
2,4-D	94-75-7	ppb-TOC	110	0	0	--	--	250	13,000	--	--	--	--	--	--	--	--
2,4-DB	94-82-6	ppb-TOC	108	2	2	1,300	1,700	250	13,000	1,300	--	910	--	1,100	1,100	--	--
Organotins																	
Dibutyltin	1191-48-6	ppb-TOC	120	89	74	3.1	4,400	6.1	370	1,300	1,300	1,300	1,300	490	1,200	N	NP
Monobutyltin	78763-54-9	ppb-TOC	120	88	73	3.7	2,800	6.1	370	640	630	650	650	280	460	G	NP
Tetrabutyltin	1461-25-2	ppb-TOC	120	73	61	26	520	6.1	370	94	93	83	83	70	67	G/Ln	NP
Tributyltin	688-73-3	ppb-TOC	120	84	70	16	2,700	6.1	370	640	640	610	610	290	590	NP	NP
Aroclor PCBs																	
Aroclor-1016	12674-11-2	ppb-TOC	111	0	0	--	--	16	9,200	--	--	--	--	--	--	--	--
Aroclor-1221	11104-28-2	ppb-TOC	111	0	0	--	--	16	9,200	--	--	--	--	--	--	--	--
Aroclor-1232	11141-16-5	ppb-TOC	111	0	0	--	--	16	9,200	--	--	--	--	--	--	--	--
Aroclor-1242	53469-21-9	ppb-TOC	111	86	78	9.6	1,000,000	22	240	22,000	22,000	99,000	98,000	1,800	6,100	NP	NP
Aroclor-1248	12672-29-6	ppb-TOC	111	0	0	--	--	16	9,200	--	--	--	--	--	--	--	--
Aroclor-1254	11097-69-1	ppb-TOC	111	90	81	31	220,000	16	160	10,000	10,000	27,000	27,000	1,700	6,700	NP	NP

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Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Aroclor-1260	11096-82-5	ppb-TOC	111	85	77	12	99,000	16	340	4,300	4,300	11,000	11,000	850	3,200	NP	NP
Aroclor-1262	37324-23-5	ppb-TOC	111	0	0	--	--	16	9,200	--	--	--	--	--	--	--	--
Aroclor-1268	11100-14-4	ppb-TOC	111	0	0	--	--	16	9,200	--	--	--	--	--	--	--	--
Total Aroclor PCBs	No CAS	ppb-TOC	111	94	85	9.6	1,300,000	22	130	37,000	37,000	140,000	140,000	4,100	16,000	NP	NP
Pesticides																	
2,4'-DDD	53-19-0	ppb-TOC	117	100	86	0.22	9,800	0.040	260	470	470	1,200	1,200	80	220	NP	NP
2,4'-DDE	3424-82-6	ppb-TOC	117	94	80	0.56	12,000	0.090	260	540	530	1,500	1,500	80	150	NP	NP
2,4'-DDT	789-02-6	ppb-TOC	117	78	67	0.20	1,500	0.050	330	200	190	310	310	27	34	NP	NP
4,4'-DDD	72-54-8	ppb-TOC	117	104	89	0.29	19,000	0.040	260	1,100	1,100	2,600	2,600	150	360	NP	NP
4,4'-DDE	72-55-9	ppb-TOC	117	104	89	0.17	36,000	0.34	260	2,200	2,200	4,700	4,700	330	910	NP	NP
4,4'-DDT	50-29-3	ppb-TOC	117	93	80	0.65	31,000	0.39	260	710	700	3,100	3,100	91	110	Ln	Ln
Aldrin	309-00-2	ppb-TOC	117	49	42	0.12	930	0.020	430	33	10	95	85	4.3	3.4	NP	NP
Alpha-BHC	319-84-6	ppb-TOC	117	64	55	0.12	75	0.020	260	16	4.8	27	8.6	3.8	4.4	Ln	NP
Alpha-Chlordane	5103-71-9	ppb-TOC	117	91	78	1.4	1,200	0.13	260	240	240	310	310	50	130	NP	NP
Beta-BHC	319-85-7	ppb-TOC	117	61	52	0.56	280	0.12	430	38	19	66	52	7.8	5.3	NP	NP
Delta-BHC	319-86-8	ppb-TOC	117	40	34	0.20	95	0.050	430	30	5.8	48	14	4.9	6.1	Ln	NP
Dieldrin	60-57-1	ppb-TOC	117	84	72	0.64	5,000	0.35	260	150	150	500	500	29	40	Ln	Ln
Endosulfan I	959-98-8	ppb-TOC	117	13	11	0.89	130	0.22	430	36	9.7	50	26	9.0	21	N/G	NP
Endosulfan II	33213-65-9	ppb-TOC	117	8	7	0.44	180	0.15	430	39	7.6	53	30	11	23	N/G	NP
Endosulfan Sulfate	1031-07-8	ppb-TOC	117	5	4	13	100	0.020	430	31	15	48	11	3.6	16	N/G/Ln	NP
Endrin	72-20-8	ppb-TOC	117	14	12	0.19	170	0.070	1,100	45	11	75	30	7.0	23	N	NP
Endrin Aldehyde	7421-93-4	ppb-TOC	117	5	4	0.25	150	0.14	430	34	5.4	51	26	6.8	17	N	NP
Endrin Ketone	53494-70-5	ppb-TOC	115	15	13	0.41	340	0.040	580	48	13	67	45	8.7	16	G/Ln	NP
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	117	19	16	1.1	75	0.060	430	32	6.3	48	13	6.3	8.5	G/Ln	NP
Gamma-Chlordane	5566-34-7	ppb-TOC	117	90	77	1.7	2,200	0.33	420	270	260	340	340	70	150	G	NP
Heptachlor	76-44-8	ppb-TOC	117	28	24	0.25	13	0.030	430	26	0.92	48	2.1	2.6	1.3	NP	NP
Heptachlor Epoxide	1024-57-3	ppb-TOC	117	65	56	0.30	1,400	0.030	430	100	84	180	180	7.3	4.5	NP	NP
Hexachlorobenzene	118-74-1	ppb-TOC	117	88	75	2.6	8,800	0.17	260	210	210	870	870	39	58	NP	NP
Methoxychlor	72-43-5	ppb-TOC	117	45	39	2.9	1,900	0.010	430	71	51	180	180	20	32	Ln	NP
Total Alpha + Gamma Chlordane	No CAS	ppb-TOC	117	93	80	2.2	3,400	0.33	260	500	500	640	640	100	270	G	NP
Total DDT (4,4)	No CAS	ppb-TOC	117	110	94	0.60	54,000	0.96	260	3,900	3,900	8,400	8,300	510	1,600	NP	NP
Toxaphene	8001-35-2	ppb-TOC	117	0	0	--	--	3.1	45,000	--	--	--	--	--	--	--	--
Semivolatiles																	
1,2,4,5-Tetrachlorobenzene	95-94-3	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
2,2-oxybis(1-Chloropropane)	540-54-5	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	58-90-2	ppb-TOC	112	0	0	--	--	1,500	390,000	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2,4-Dimethylphenol	105-67-9	ppb-TOC	112	1	1	1,300,000	1,300,000	1,500	390,000	43,000	--	120,000	--	21,000	16,000	--	--
2,4-Dinitrophenol	51-28-5	ppb-TOC	112	0	0	--	--	3,800	990,000	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
2-Chloronaphthalene	91-58-7	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	ppb-TOC	113	84	74	490	120,000	3,300	97,000	16,000	15,000	21,000	21,000	8,700	7,400	Ln	NP
2-Methylphenol	95-48-7	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	91-94-1	ppb-TOC	112	0	0	--	--	1,500	390,000	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	ppb-TOC	112	0	0	--	--	1,500	390,000	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	534-52-1	ppb-TOC	112	0	0	--	--	1,500	390,000	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	101-55-3	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
4-Chloroaniline	106-47-8	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
4-Chlorophenyl phenyl ether	7005-72-3	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
4-Methylphenol	106-44-5	ppb-TOC	112	5	5	2,400	91,000	780	200,000	18,000	4,700	19,000	12,000	11,000	8,500	N/G/Ln	NP
4-Nitroaniline	100-01-6	ppb-TOC	112	0	0	--	--	1,500	390,000	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	ppb-TOC	112	0	0	--	--	1,500	390,000	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	ppb-TOC	113	93	82	59	100,000	3,300	97,000	14,000	13,000	18,000	18,000	6,000	7,000	NP	NP
Acenaphthylene	208-96-8	ppb-TOC	113	100	89	11	49,000	3,300	97,000	9,200	8,500	10,000	9,200	4,100	6,800	NP	NP
Acetophenone	98-86-2	ppb-TOC	112	1	1	27,000	27,000	780	200,000	17,000	--	17,000	--	11,000	8,500	--	--
Anthracene	120-12-7	ppb-TOC	113	102	90	14	230,000	6,400	97,000	30,000	29,000	42,000	42,000	10,000	18,000	NP	NP
Atrazine	1912-24-9	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
Benzaldehyde	100-52-7	ppb-TOC	112	14	13	330	3,600	2,500	200,000	16,000	2,300	18,000	910	9,800	8,500	N	NP
Benzo(a)anthracene	56-55-3	ppb-TOC	113	98	87	170	260,000	3,300	63,000	46,000	45,000	49,000	49,000	23,000	37,000	NP	NP
Benzo(a)pyrene	50-32-8	ppb-TOC	113	104	92	11	260,000	10,000	63,000	48,000	48,000	48,000	48,000	25,000	40,000	NP	NP
Benzo(b)fluoranthene	205-99-2	ppb-TOC	113	100	89	16	190,000	6,400	97,000	43,000	43,000	37,000	37,000	22,000	40,000	NP	NP
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	113	96	85	140	130,000	3,300	97,000	26,000	25,000	22,000	23,000	15,000	23,000	NP	NP
Benzo(k)fluoranthene	207-08-9	ppb-TOC	113	100	89	58	240,000	3,300	97,000	44,000	44,000	47,000	47,000	19,000	34,000	NP	NP
Biphenyl	92-52-4	ppb-TOC	112	16	14	400	340,000	780	200,000	19,000	5,000	35,000	32,000	9,600	8,500	NP	NP
bis(2-Chloroethoxy)methane	111-91-1	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	111-44-4	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	117-81-7	ppb-TOC	112	90	80	2,900	5,700,000	3,300	63,000	900,000	900,000	1,200,000	1,190,000	180,000	270,000	NP	NP
Butyl benzyl phthalate	85-68-7	ppb-TOC	112	23	21	1,900	200,000	780	160,000	18,000	9,200	24,000	22,000	11,000	8,300	Ln	NP
Caprolactam	105-60-2	ppb-TOC	112	1	1	21,000	21,000	780	200,000	16,000	--	17,000	--	10,000	8,500	--	--
Carbazole	86-74-8	ppb-TOC	112	23	21	900	18,000	3,300	200,000	17,000	4,500	17,000	3,600	11,000	11,000	G/Ln	NP
Chrysene	218-01-9	ppb-TOC	113	101	89	20	320,000	6,400	63,000	58,000	57,000	62,000	62,000	25,000	45,000	NP	NP

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	113	95	84	110	38,000	3,300	97,000	9,900	9,100	8,300	7,200	5,900	8,500	NP	NP
Dibenzofuran	132-64-9	ppb-TOC	112	24	21	550	36,000	3,300	200,000	17,000	5,700	17,000	5,900	11,000	11,000	G/Ln	NP
Diethyl phthalate	84-66-2	ppb-TOC	112	2	2	1,300	3,400	780	200,000	17,000	--	17,000	--	10,000	8,500	--	--
Dimethylphthalate	131-11-3	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
Di-n-Butylphthalate	84-74-2	ppb-TOC	112	7	6	1,500	2,600,000	780	200,000	39,000	26,000	240,000	240,000	11,000	8,500	NP	NP
Di-n-Octylphthalate	117-84-0	ppb-TOC	112	61	55	170	360,000	2,500	200,000	37,000	33,000	53,000	53,000	18,000	14,000	G/Ln	Ln
Fluoranthene	206-44-0	ppb-TOC	113	100	89	45	590,000	6,400	63,000	88,000	88,000	97,000	97,000	39,000	73,000	NP	NP
Fluorene	86-73-7	ppb-TOC	113	102	90	23	320,000	6,400	97,000	19,000	18,000	38,000	38,000	5,200	7,400	NP	NP
Hexachlorobenzene	118-74-1	ppb-TOC	112	1	1	2,300	2,300	780	200,000	17,000	--	17,000	--	10,000	8,500	--	--
Hexachlorobutadiene	87-68-3	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	ppb-TOC	110	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
Hexachloroethane	67-72-1	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	113	96	85	140	150,000	3,300	97,000	27,000	26,000	24,000	25,000	15,000	22,000	NP	NP
Isophorone	78-59-1	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	ppb-TOC	113	91	81	500	540,000	3,300	97,000	45,000	45,000	87,000	86,000	16,000	13,000	NP	NP
Nitrobenzene	98-95-3	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	621-64-7	ppb-TOC	112	0	0	--	--	780	200,000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	ppb-TOC	112	7	6	1,100	21,000	780	200,000	17,000	3,200	17,000	3,400	11,000	8,500	N/G/Ln	NP
Pentachlorophenol	87-86-5	ppb-TOC	112	2	2	21,000	26,000	1,500	390,000	32,000	--	34,000	--	21,000	17,000	--	--
Phenanthrene	85-01-8	ppb-TOC	113	97	86	59	660,000	6,400	63,000	71,000	71,000	110,000	110,000	25,000	32,000	NP	NP
Phenol	108-95-2	ppb-TOC	112	3	3	3,900	31,000	780	200,000	17,000	--	18,000	--	11,000	8,500	--	--
Pyrene	129-00-0	ppb-TOC	113	100	89	43	490,000	6,400	63,000	84,000	84,000	89,000	89,000	39,000	69,000	NP	NP
Total HMW PAHs-SVOC	No CAS	ppb-TOC	112	97	87	2,000	2,200,000	3,300	63,000	370,000	370,000	370,000	370,000	150,000	320,000	NP	NP
Total LMW PAHs-SVOC	No CAS	ppb-TOC	112	81	72	4,500	1,100,000	3,300	200,000	100,000	99,000	180,000	180,000	38,000	37,000	NP	Ln
TOTAL PAHs - SVOC	No CAS	ppb-TOC	112	97	87	2,000	3,300,000	3,300	63,000	460,000	460,000	540,000	540,000	170,000	340,000	NP	NP
Volatiles																	
1,1,1-Trichloroethane	71-55-6	ppb-TOC	13	0	0	--	--	36	410	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	79-34-5	ppb-TOC	13	0	0	--	--	36	410	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	79-00-5	ppb-TOC	13	0	0	--	--	36	410	--	--	--	--	--	--	--	--
1,1-Dichloroethane	75-34-3	ppb-TOC	13	1	8	9.1	9.1	36	410	40	--	51	--	28	24	--	--
1,1-Dichloroethene	75-35-4	ppb-TOC	13	0	0	--	--	36	410	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	ppb-TOC	12	0	0	--	--	36	410	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	ppb-TOC	12	1	8	19	19	36	410	41	--	52	--	30	23	--	--
1,2-Dichlorobenzene	95-50-1	ppb-TOC	12	5	42	75	390	44	410	110	120	110	92	69	62	N/G/Ln	N/Ln
1,2-Dichloroethane	107-06-2	ppb-TOC	13	0	0	--	--	36	410	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	ppb-TOC	13	0	0	--	--	36	410	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	541-73-1	ppb-TOC	12	7	58	41	770	47	410	190	180	230	220	100	99	N/G/Ln	N/Ln
1,4-Dichlorobenzene	106-46-7	ppb-TOC	12	7	58	64	2,000	47	410	380	380	590	560	150	150	G/Ln	N/Ln
2-Butanone	78-93-3	ppb-TOC	11	11	100	500	3,800	--	--	1,500	1,500	1,100	1,100	1,200	1,200	G/Ln	G/Ln

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA - Passaic River (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
2-Hexanone	591-78-6	ppb-TOC	13	1	8	260	260	710	7,800	780	--	960	--	570	470	--	--
4-Methyl-2-pentanone	108-10-1	ppb-TOC	13	5	39	110	240	710	7,800	630	170	1,000	57	370	380	N/G/Ln	NP
Acetone	67-64-1	ppb-TOC	13	11	85	2,400	14,000	1,900	7,800	5,800	5,900	4,200	3,900	4,600	4,900	G/Ln	N/Ln
Benzene	71-43-2	ppb-TOC	13	9	69	12	1,200	47	410	370	360	370	370	170	350	N/G	N/Ln
Bromodichloromethane	75-27-4	ppb-TOC	13	0	0	--	--	36	410	--	--	--	--	--	--	--	--
Bromoform	75-25-2	ppb-TOC	13	0	0	--	--	36	410	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	ppb-TOC	13	1	8	43	43	36	410	43	--	50	--	32	24	--	--
Carbon Disulfide	75-15-0	ppb-TOC	13	12	92	34	1,300	44	44	220	220	340	330	120	100	Ln	Ln
Carbon Tetrachloride	56-23-5	ppb-TOC	13	0	0	--	--	36	410	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	ppb-TOC	13	8	62	34	600	47	410	220	210	200	200	120	190	N/G/Ln	N/Ln
Chloroethane	75-00-3	ppb-TOC	13	0	0	--	--	36	410	--	--	--	--	--	--	--	--
Chloroform	67-66-3	ppb-TOC	13	0	0	--	--	36	410	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	ppb-TOC	13	0	0	--	--	36	410	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	ppb-TOC	13	0	0	--	--	36	410	--	--	--	--	--	--	--	--
Dibromochloromethane	124-48-1	ppb-TOC	13	0	0	--	--	36	410	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	ppb-TOC	13	10	77	8.4	1,900	47	96	280	280	580	560	63	43	Ln	NP
Methylene Chloride	75-09-2	ppb-TOC	13	0	0	--	--	360	4,100	--	--	--	--	--	--	--	--
Styrene	100-42-5	ppb-TOC	13	1	8	5.0	5.0	36	410	39	--	51	--	27	24	--	--
Tetrachloroethene	127-18-4	ppb-TOC	12	0	0	--	--	36	410	--	--	--	--	--	--	--	--
Toluene	108-88-3	ppb-TOC	13	7	54	18	340	44	410	89	79	93	88	60	48	G/Ln	Ln
trans-1,3-Dichloropropene	10061-02-6	ppb-TOC	13	0	0	--	--	36	410	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ppb-TOC	13	0	0	--	--	36	410	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	ppb-TOC	13	4	31	4.6	17	39	410	36	--	52	--	22	21	--	--

Table D-15
Summary Statistics
Newark Bay Study Area - 2-Mile Extended Area beyond the NBSA -
Passaic River (Normalized)

Abbreviations:

-- not applicable due to frequency of detection
1/2 DL = half the detection limit (e.g., sample reporting limit)
Al = Aluminum
CARP = Contaminant Assessment and Reduction Program
CAS = Chemical Abstracts Service
Fe = Iron
FOD = frequency of detection (detects / total)
ft bss = feet below sediment surface
GM = geometric mean
GOF = goodness-of-fit
HMW = high molecular weight
KM = Kaplan-Meier
LMW = low molecular weight
Max = maximum
Min = minimum
NBSA = Newark Bay Study Area
ND = nondetect
NOAA = National Oceanic and Atmospheric Administration
PAH = polynuclear aromatic hydrocarbon
PCB = polycyclic aromatic hydrocarbon
ppb = parts per billiom
ppm = parts per milliom
ppt = parts per trillion
ROS = regression on ordered statistics
SD = standard deviation
SVOC = semivolatile organic compound
TOC = total organic carbon
TPH = total petroleum hydrocarbon

Notes:

[1] Total concentrations are based on the sum of detected observations; therefore statistics for totals are based on detected observations.

[2] KM and GOF statistics generated using USEPA ProUCL (v. 4.1.01) software (USEPA, 2011). Remaining statistics generated in MS Access 2010.

[3] When FOD = 100%, the KM statistics are equal to the arithmetic mean and standard deviation of the full dataset.

[4] KM statistics and GOF results only reported for constituents with at least 8 total observations and 5 distinct detected observations (USEPA, 2010).

[5] The GM is a parameter that specifically defines a lognormal distribution and is equal to the anti-log of the mean of the log-transformed values. GM is generally not descriptive of the central tendency for data that are not lognormally distributed.

[6] Distribution assessed by GOF tests at 95% confidence level (α = 0.05) using ProUCL 4.1.01 Left-censored data are evaluated with both detects only and ROS methods (USEPA, 2010).
Normal (N): dataset follows a normal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Gamma (G): dataset follows a gamma distribution, according to the Kolmogorov-Smirnov test.
Lognormal (Ln): dataset follows a lognormal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Nonparametric (NP): dataset does not follow any of the three distributions noted above.

[7] Level = data usability levels. For information about these levels and their applicability, please refer to Section 3 of the report.

[8] This table presents data for each of the 18 select chemicals (where available) identified for focused evaluation in Section 4.3

[9] Organic compounds are normalized to TOC and inorganic compounds are normalized to aluminum.

Table D-16
Summary Statistics
Newark Bay Study Area - CARP Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	9	9	100	6,640	15,300	--	--	11,300	11,300	2,660	2,660	11,000	11,500	N/G/Ln	N/G/Ln
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	9	9	100	6,030	20,800	--	--	9,950	9,950	4,330	4,330	9,350	9,000	G/Ln	G/Ln
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	9	9	100	204	579	--	--	344	344	103	103	332	330	N/G/Ln	N/G/Ln
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	9	9	100	80.4	215	--	--	142	142	48.2	48.2	134	130	N/G/Ln	N/G/Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	9	9	100	206	3,680	--	--	2,000	2,000	920	920	1,650	2,080	N/G	N/G
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	9	9	100	402	950	--	--	661	661	203	203	633	691	N/G/Ln	N/G/Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	9	9	100	401	1,030	--	--	579	579	190	190	557	531	G/Ln	G/Ln
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	9	9	100	276	732	--	--	510	510	146	146	490	531	N/G/Ln	N/G/Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	9	3	33	14.2	90.0	18.9	75.4	28.9	--	25.3	--	22.4	20.5	--	--
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	9	9	100	91.8	189	--	--	139	139	30.7	30.7	136	130	N/G/Ln	N/G/Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	9	9	100	194	701	--	--	344	344	173	173	312	280	N/G/Ln	N/G/Ln
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	9	9	100	246	577	--	--	397	397	114	114	382	422	N/G/Ln	N/G/Ln
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	9	9	100	377	949	--	--	600	600	195	195	573	580	N/G/Ln	N/G/Ln
2,3,7,8-TCDD	1746-01-6	ppt-TOC	9	9	100	1,300	17,500	--	--	4,160	4,160	5,120	5,120	2,870	2,670	Ln	Ln
2,3,7,8-TCDF	51207-31-9	ppt-TOC	9	7	78	440	3,580	545	2,750	1,530	1,540	1,110	1,060	1,160	1,170	N/G/Ln	N/Ln
OCDD	3268-87-9	ppt-TOC	9	9	100	64,400	131,000	--	--	104,000	104,000	22,400	22,400	102,000	105,000	N/G/Ln	N/G/Ln
OCDF	39001-02-0	ppt-TOC	9	9	100	7,290	25,500	--	--	12,800	12,800	5,170	5,170	12,000	11,700	G/Ln	G/Ln
Total HpCDD	37871-00-4	ppt-TOC	9	9	100	16,200	34,300	--	--	26,300	26,300	5,620	5,620	25,700	26,300	N/G/Ln	N/G/Ln
Total HpCDF	38998-75-3	ppt-TOC	9	9	100	6,780	27,300	--	--	14,700	14,700	5,960	5,960	13,600	14,700	N/G/Ln	N/G/Ln
Total HxCDD	34465-46-8	ppt-TOC	9	9	100	4,690	9,460	--	--	6,880	6,880	1,710	1,710	6,680	7,250	N/G/Ln	N/G/Ln
Total HxCDF	55684-94-1	ppt-TOC	9	9	100	5,280	15,800	--	--	8,550	8,550	2,950	2,950	8,200	7,670	G/Ln	G/Ln
Total PeCDD	36088-22-9	ppt-TOC	9	9	100	603	2,280	--	--	1,030	1,030	521	521	946	833	G/Ln	G/Ln
Total PeCDF	30402-15-4	ppt-TOC	9	9	100	5,280	11,900	--	--	8,610	8,610	2,300	2,300	8,330	8,020	N/G/Ln	N/G/Ln
Total TCDD	41903-57-5	ppt-TOC	9	9	100	3,270	19,500	--	--	6,400	6,400	5,060	5,060	5,430	4,780	NP	NP
Total TCDF	55722-27-5	ppt-TOC	9	9	100	8,040	20,800	--	--	14,100	14,100	4,740	4,740	13,400	12,300	N/G/Ln	N/G/Ln
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	9	9	100	15,800	59,900	--	--	37,900	37,900	16,200	16,200	34,400	37,200	N/G/Ln	N/G/Ln
PCB-103	60145-21-3	ppt-TOC	9	9	100	7,830	19,600	--	--	11,300	11,300	3,720	3,720	10,800	9,880	N/G/Ln	N/G/Ln
PCB-104	56558-16-8	ppt-TOC	9	3	33	617	1,500	290	4,440	820	--	683	--	580	617	--	--
PCB-105	32598-14-4	ppt-TOC	9	9	100	207,000	519,000	--	--	335,000	335,000	114,000	114,000	318,000	343,000	N/G/Ln	N/G/Ln
PCB-11	2050-67-1	ppt-TOC	9	9	100	109,000	474,000	--	--	295,000	295,000	119,000	119,000	272,000	284,000	N/G/Ln	N/G/Ln
PCB-114	74472-37-0	ppt-TOC	9	9	100	12,400	35,700	--	--	20,100	20,100	8,230	8,230	18,700	19,000	N/G/Ln	N/G/Ln
PCB-12/13	PCB-12/13	ppt-TOC	9	9	100	37,800	135,000	--	--	96,300	96,300	29,100	29,100	91,200	90,900	N/G	N/G
PCB-120	68194-12-7	ppt-TOC	9	7	78	1,870	3,500	2,270	14,300	3,020	2,600	1,700	553	2,690	2,760	N/G/Ln	N/G/Ln
PCB-121	56558-18-0	ppt-TOC	9	0	0	--	--	145	14,300	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt-TOC	9	8	89	6,670	20,400	14,600	14,600	11,800	12,100	4,790	4,370	11,000	9,680	N/G/Ln	N/G/Ln
PCB-123	65510-44-3	ppt-TOC	9	9	100	8,290	23,200	--	--	12,900	12,900	5,500	5,500	12,000	11,100	G/Ln	G/Ln
PCB-126	57465-28-8	ppt-TOC	9	4	44	2,440	21,100	2,080	12,800	4,920	--	6,350	--	3,030	2,440	--	--
PCB-127	39635-33-1	ppt-TOC	9	1	11	1,570	1,570	1,150	13,600	2,230	--	1,840	--	1,790	1,570	--	--
PCB-130	52663-66-8	ppt-TOC	9	9	100	31,100	103,000	--	--	59,000	59,000	21,700	21,700	55,700	53,100	N/G/Ln	N/G/Ln

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-131	61798-70-7	ppt-TOC	9	9	100	5,330	24,600	--	--	11,400	11,400	6,320	6,320	10,100	9,660	N/G/Ln	N/G/Ln
PCB-134/143	PCB-134/143	ppt-TOC	9	8	89	26,700	93,000	645	645	45,700	48,600	26,900	21,100	27,300	47,800	N/G/Ln	N/Ln
PCB-136	38411-22-2	ppt-TOC	9	9	100	60,000	179,000	--	--	114,000	114,000	46,400	46,400	106,000	101,000	N/G/Ln	N/G/Ln
PCB-137	35694-06-5	ppt-TOC	9	9	100	20,200	82,900	--	--	39,500	39,500	20,100	20,100	35,800	31,900	N/G/Ln	N/G/Ln
PCB-14	34883-41-5	ppt-TOC	9	0	0	--	--	126	14,300	--	--	--	--	--	--	--	--
PCB-141	52712-04-6	ppt-TOC	9	9	100	82,200	236,000	--	--	146,000	146,000	57,200	57,200	137,000	146,000	N/G/Ln	N/G/Ln
PCB-144	68194-14-9	ppt-TOC	9	9	100	22,200	67,900	--	--	38,900	38,900	16,200	16,200	36,300	31,300	N/G/Ln	N/G/Ln
PCB-145	74472-40-5	ppt-TOC	9	1	11	503	503	145	28,600	2,280	--	4,710	--	382	110	--	--
PCB-148	74472-41-6	ppt-TOC	9	6	67	1,110	3,000	1,610	8,670	1,950	1,760	1,100	561	1,730	1,600	N/G/Ln	N/G/Ln
PCB-15	2050-68-2	ppt-TOC	9	9	100	333,000	741,000	--	--	581,000	581,000	154,000	154,000	561,000	643,000	N/G/Ln	N/G/Ln
PCB-150	68194-08-1	ppt-TOC	9	9	100	2,040	5,710	--	--	2,830	2,830	1,160	1,160	2,680	2,490	NP	NP
PCB-152	68194-09-2	ppt-TOC	9	5	56	725	2,090	1,020	28,600	2,850	1,060	4,450	436	1,490	926	G/Ln	NP
PCB-154	60145-22-4	ppt-TOC	7	7	100	10,600	15,200	--	--	13,500	13,500	1,800	1,800	13,300	14,600	--	--
PCB-155	33979-03-2	ppt-TOC	9	9	100	2,350	17,500	--	--	5,380	5,380	4,790	4,790	4,290	4,310	Ln	Ln
PCB-159	39635-35-3	ppt-TOC	9	7	78	4,100	13,600	567	730	5,610	6,450	4,240	3,100	3,330	4,670	N/G/Ln	N/Ln
PCB-167	52663-72-6	ppt-TOC	9	9	100	18,700	55,300	--	--	34,800	34,800	12,000	12,000	33,000	36,200	N/G/Ln	N/G/Ln
PCB-169	32774-16-6	ppt-TOC	9	2	22	2,800	8,570	467	8,670	2,170	--	2,770	--	1,080	1,080	--	--
PCB-17	37680-66-3	ppt-TOC	9	9	100	133,000	396,000	--	--	249,000	249,000	95,600	95,600	232,000	235,000	N/G/Ln	N/G/Ln
PCB-170	35065-30-6	ppt-TOC	9	9	100	115,000	260,000	--	--	186,000	186,000	54,300	54,300	178,000	197,000	N/G/Ln	N/G/Ln
PCB-172	52663-74-8	ppt-TOC	9	9	100	21,200	50,000	--	--	33,400	33,400	9,930	9,930	32,100	36,500	N/G/Ln	N/G/Ln
PCB-174	38411-25-5	ppt-TOC	9	9	100	111,000	271,000	--	--	182,000	182,000	56,400	56,400	174,000	191,000	N/G/Ln	N/G/Ln
PCB-175	40186-70-7	ppt-TOC	9	9	100	6,670	13,900	--	--	9,790	9,790	2,830	2,830	9,440	8,700	N/G/Ln	N/G/Ln
PCB-176	52663-65-7	ppt-TOC	9	9	100	20,000	46,400	--	--	30,600	30,600	9,370	9,370	29,400	30,200	N/G/Ln	N/G/Ln
PCB-177	52663-70-4	ppt-TOC	9	9	100	82,200	189,000	--	--	133,000	133,000	35,300	35,300	128,000	131,000	N/G/Ln	N/G/Ln
PCB-178	52663-67-9	ppt-TOC	9	9	100	31,100	75,000	--	--	49,800	49,800	13,800	13,800	48,200	43,800	N/G/Ln	N/G/Ln
PCB-179	52663-64-6	ppt-TOC	9	9	100	62,200	150,000	--	--	103,000	103,000	29,900	29,900	98,900	90,500	N/G/Ln	N/G/Ln
PCB-18	37680-65-2	ppt-TOC	2	2	100	267,000	607,000	--	--	437,000	437,000	240,000	240,000	403,000	437,000	--	--
PCB-181	74472-47-2	ppt-TOC	9	4	44	733	2,070	247	8,670	1,400	--	1,270	--	951	1,010	--	--
PCB-183	52663-69-1	ppt-TOC	9	9	100	82,200	200,000	--	--	147,000	147,000	42,300	42,300	141,000	136,000	N/G/Ln	N/G/Ln
PCB-184	74472-48-3	ppt-TOC	9	6	67	483	1,390	126	8,670	1,140	741	1,260	316	714	667	N/G/Ln	N/Ln
PCB-185	52712-05-7	ppt-TOC	9	5	56	9,000	29,300	193	507	9,480	13,400	11,000	7,380	1,960	9,000	N/G/Ln	N/Ln
PCB-186	74472-49-4	ppt-TOC	9	0	0	--	--	145	28,600	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt-TOC	9	7	78	427	1,210	2,470	8,670	1,210	757	1,200	240	933	803	N/G/Ln	N/G/Ln
PCB-189	39635-31-9	ppt-TOC	9	8	89	5,110	10,400	28,600	28,600	8,040	7,260	2,970	1,810	7,610	7,730	N/G/Ln	N/G/Ln
PCB-19	38444-73-4	ppt-TOC	9	9	100	24,400	71,400	--	--	44,700	44,700	17,200	17,200	41,800	40,100	N/G/Ln	N/G/Ln
PCB-190	41411-64-7	ppt-TOC	9	9	100	22,200	67,900	--	--	37,300	37,300	14,100	14,100	35,200	37,700	N/G/Ln	N/G/Ln
PCB-191	74472-50-7	ppt-TOC	9	9	100	4,610	15,700	--	--	8,310	8,310	3,330	3,330	7,800	8,540	N/G/Ln	N/G/Ln
PCB-192	74472-51-8	ppt-TOC	9	0	0	--	--	145	28,600	--	--	--	--	--	--	--	--
PCB-194	35694-08-7	ppt-TOC	9	9	100	78,300	229,000	--	--	128,000	128,000	49,700	49,700	121,000	110,000	N/G/Ln	N/G/Ln
PCB-195	52663-78-2	ppt-TOC	9	9	100	26,700	71,400	--	--	43,300	43,300	13,700	13,700	41,600	40,000	N/G/Ln	N/G/Ln

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-197	33091-17-7	ppt-TOC	9	8	89	3,520	10,400	3,590	3,590	5,000	5,200	2,600	2,250	4,470	4,300	G/Ln	N/G/Ln
PCB-199	52663-75-9	ppt-TOC	7	7	100	15,600	36,400	--	--	23,100	23,100	6,890	6,890	22,300	21,600	--	--
PCB-2	2051-61-8	ppt-TOC	9	9	100	7,780	34,400	--	--	18,600	18,600	7,340	7,340	17,300	17,500	N/G/Ln	N/G/Ln
PCB-200	52663-73-7	ppt-TOC	2	2	100	12,700	27,100	--	--	19,900	19,900	10,200	10,200	18,600	19,900	--	--
PCB-201	40186-71-8	ppt-TOC	9	9	100	10,100	42,900	--	--	17,900	17,900	10,100	10,100	16,200	15,500	G/Ln	G/Ln
PCB-202	2136-99-4	ppt-TOC	9	9	100	37,700	96,400	--	--	57,800	57,800	21,300	21,300	54,900	51,200	G/Ln	G/Ln
PCB-204	74472-52-9	ppt-TOC	9	0	0	--	--	101	28,600	--	--	--	--	--	--	--	--
PCB-205	74472-53-0	ppt-TOC	9	9	100	4,520	10,700	--	--	6,200	6,200	2,100	2,100	5,940	5,560	G/Ln	G/Ln
PCB-206	40186-72-9	ppt-TOC	9	9	100	75,600	253,000	--	--	137,000	137,000	56,300	56,300	128,000	121,000	N/G/Ln	N/G/Ln
PCB-207	52663-79-3	ppt-TOC	9	9	100	7,780	20,800	--	--	14,800	14,800	4,290	4,290	14,200	14,800	N/G/Ln	N/G/Ln
PCB-208	52663-77-1	ppt-TOC	9	9	100	31,100	90,900	--	--	56,400	56,400	18,000	18,000	53,900	53,100	N/G/Ln	N/G/Ln
PCB-209	2051-24-3	ppt-TOC	9	9	100	60,000	227,000	--	--	146,000	146,000	50,300	50,300	137,000	147,000	N/G/Ln	N/G/Ln
PCB-22	38444-85-8	ppt-TOC	9	9	100	158,000	474,000	--	--	283,000	283,000	118,000	118,000	263,000	241,000	N/G/Ln	N/G/Ln
PCB-23	55720-44-0	ppt-TOC	9	0	0	--	--	226	14,300	--	--	--	--	--	--	--	--
PCB-25	55712-37-3	ppt-TOC	9	9	100	68,900	143,000	--	--	123,000	123,000	25,600	25,600	120,000	136,000	NP	NP
PCB-3	2051-62-9	ppt-TOC	9	9	100	16,400	49,400	--	--	38,500	38,500	9,560	9,560	37,100	40,100	N/G	N/G
PCB-30	35693-92-6	ppt-TOC	2	0	0	--	--	4,440	14,300	--	--	--	--	--	--	--	--
PCB-31	16606-02-3	ppt-TOC	9	9	100	511,000	1,360,000	--	--	944,000	944,000	313,000	313,000	895,000	926,000	N/G/Ln	N/G/Ln
PCB-34	37680-68-5	ppt-TOC	9	9	100	3,110	7,730	--	--	5,700	5,700	1,630	1,630	5,470	5,990	N/G/Ln	N/G/Ln
PCB-35	37680-69-6	ppt-TOC	9	9	100	26,700	58,000	--	--	42,700	42,700	10,800	10,800	41,500	42,900	N/G/Ln	N/G/Ln
PCB-36	38444-87-0	ppt-TOC	9	0	0	--	--	251	14,300	--	--	--	--	--	--	--	--
PCB-37	38444-90-5	ppt-TOC	9	9	100	267,000	821,000	--	--	464,000	464,000	172,000	172,000	438,000	451,000	N/G/Ln	N/G/Ln
PCB-38	53555-66-1	ppt-TOC	9	0	0	--	--	251	14,300	--	--	--	--	--	--	--	--
PCB-39	38444-88-1	ppt-TOC	9	8	89	3,270	9,740	4,380	4,380	5,680	5,860	2,650	2,290	5,120	5,060	N/G/Ln	N/G/Ln
PCB-45	70362-45-7	ppt-TOC	7	7	100	80,400	260,000	--	--	130,000	130,000	67,700	67,700	118,000	90,000	--	--
PCB-46	41464-47-5	ppt-TOC	9	9	100	23,500	84,400	--	--	45,000	45,000	23,500	23,500	40,200	32,100	N/G/Ln	N/G/Ln
PCB-51	68194-04-7	ppt-TOC	7	7	100	80,400	260,000	--	--	130,000	130,000	67,700	67,700	118,000	90,000	--	--
PCB-54	15968-05-5	ppt-TOC	9	8	89	1,980	5,000	867	867	2,590	2,760	1,290	988	2,210	2,500	N/G/Ln	N/Ln
PCB-55	74338-24-2	ppt-TOC	9	3	33	12,000	57,100	567	10,900	10,800	--	18,200	--	3,230	2,690	--	--
PCB-57	70424-67-8	ppt-TOC	9	7	78	3,560	9,640	5,370	10,900	5,960	6,130	2,070	1,900	5,600	5,990	N/G/Ln	N/G/Ln
PCB-58	41464-49-7	ppt-TOC	9	4	44	24,600	78,600	533	11,500	22,300	--	27,100	--	6,720	5,750	--	--
PCB-6	25569-80-6	ppt-TOC	9	9	100	24,400	120,000	--	--	71,400	71,400	27,800	27,800	65,800	62,800	N/G/Ln	N/G/Ln
PCB-63	74472-34-7	ppt-TOC	9	9	100	21,100	64,300	--	--	43,400	43,400	14,200	14,200	41,200	38,300	N/G/Ln	N/G/Ln
PCB-67	73575-53-8	ppt-TOC	9	9	100	19,100	50,000	--	--	32,700	32,700	10,300	10,300	31,300	30,200	N/G/Ln	N/G/Ln
PCB-68	73575-52-7	ppt-TOC	9	8	89	4,000	12,900	10,200	10,200	8,300	8,570	2,700	2,370	7,870	8,330	N/G/Ln	N/G/Ln
PCB-73	74338-23-1	ppt-TOC	9	1	11	2,440	2,440	101	2,860	613	--	854	--	225	110	--	--
PCB-77	32598-13-3	ppt-TOC	9	9	100	109,000	221,000	--	--	151,000	151,000	36,300	36,300	147,000	146,000	N/G/Ln	N/G/Ln
PCB-78	70362-49-1	ppt-TOC	9	0	0	--	--	700	12,400	--	--	--	--	--	--	--	--
PCB-79	41464-48-6	ppt-TOC	9	7	78	6,450	30,700	4,810	10,200	11,100	11,800	8,710	7,660	8,710	7,000	N/G/Ln	N/Ln
PCB-80	33284-52-5	ppt-TOC	9	1	11	3,570	3,570	467	9,490	1,790	--	1,570	--	1,130	1,660	--	--
PCB-81	70362-50-4	ppt-TOC	9	6	67	1,680	23,400	867	9,490	6,660	6,660	7,430	6,980	3,860	4,380	N/G/Ln	N/Ln
PCB-82	52663-62-4	ppt-TOC	9	9	100	73,700	221,000	--	--	123,000	123,000	52,500	52,500	114,000	117,000	N/G/Ln	N/G/Ln

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-88/91	PCB-88/91	ppt-TOC	2	2	100	93,300	261,000	--	--	177,000	177,000	119,000	119,000	156,000	177,000	--	--
PCB-89	73575-57-2	ppt-TOC	9	9	100	6,910	28,600	--	--	14,000	14,000	6,920	6,920	12,700	13,600	N/G/Ln	N/G/Ln
PCB-94	73575-55-0	ppt-TOC	9	9	100	4,610	13,200	--	--	7,570	7,570	2,660	2,660	7,200	6,760	N/G/Ln	N/G/Ln
PCB-96	73575-54-9	ppt-TOC	9	9	100	3,560	16,800	--	--	7,910	7,910	4,420	4,420	6,980	7,250	N/G/Ln	N/G/Ln
Total Congener PCBs (209)	No CAS	ppt-TOC	9	9	100	16,200,000	40,400,000	--	--	27,200,000	27,200,000	8,550,000	8,550,000	26,000,000	27,400,000	N/G/Ln	N/G/Ln
Total Congener PCBs (NOAA 1989)	No CAS	ppt-TOC	7	7	100	15,100,000	28,700,000	--	--	20,200,000	20,200,000	4,990,000	4,990,000	19,700,000	20,800,000	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	10	10	100	966	26,000	--	--	14,000	14,000	8,430	8,430	10,100	14,700	N/G	N/G
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	10	10	100	110	24,500	--	--	11,900	11,900	9,320	9,320	5,940	10,700	N/G	N/G
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	10	9	90	40.9	840	17.9	17.9	414	418	302	282	238	403	N/G/Ln	N
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	10	8	80	77.6	488	23.4	44.7	183	195	154	134	113	137	N/G/Ln	N/Ln
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	10	10	100	28.3	4,650	--	--	2,310	2,310	1,640	1,640	1,260	2,660	N/G	N/G
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	10	10	100	40.7	2,400	--	--	948	948	751	751	597	758	N/G/Ln	N/G/Ln
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	10	9	90	65.2	1,290	12.4	12.4	662	668	485	452	348	661	N/G/Ln	N
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	10	9	90	82.8	1,390	580	580	574	574	420	401	425	461	N/G/Ln	N/G/Ln
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	10	5	50	41.8	85.7	20.0	103	39.1	49.7	24.1	13.7	31.7	43.4	N/G/Ln	N/Ln
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	10	7	70	125	708	15.2	101	219	249	208	172	119	185	N/G/Ln	N/Ln
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	10	9	90	49.2	535	12.4	12.4	306	310	207	190	183	386	N/G	N
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	10	9	90	58.3	740	15.2	15.2	413	418	266	245	249	551	N	N
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	10	10	100	17.9	1,170	--	--	615	615	434	434	373	656	N/G	N/G
2,3,7,8-TCDD	1746-01-6	ppt-TOC	10	9	90	250	11,300	18.6	18.6	4,440	4,460	3,990	3,760	1,770	3,270	N/G/Ln	N/Ln
2,3,7,8-TCDF	51207-31-9	ppt-TOC	10	9	90	386	3,910	23.4	23.4	1,210	1,240	1,080	989	688	1,010	G/Ln	N/Ln
OCDD	3268-87-9	ppt-TOC	10	10	100	20,700	245,000	--	--	132,000	132,000	74,700	74,700	106,000	124,000	N/G/Ln	N/G/Ln
OCDF	39001-02-0	ppt-TOC	10	10	100	628	38,300	--	--	17,300	17,300	13,900	13,900	9,950	14,600	N/G/Ln	N/G/Ln
Total HpCDD	37871-00-4	ppt-TOC	10	10	100	3,170	55,000	--	--	32,100	32,100	18,100	18,100	24,500	34,100	N/G	N/G
Total HpCDF	38998-75-3	ppt-TOC	10	10	100	248	36,800	--	--	17,800	17,800	13,400	13,400	9,690	16,300	N/G	N/G
Total HxCDD	34465-46-8	ppt-TOC	10	10	100	1,100	15,100	--	--	8,140	8,140	4,810	4,810	6,370	7,920	N/G/Ln	N/G/Ln
Total HxCDF	55684-94-1	ppt-TOC	10	10	100	61.4	23,000	--	--	10,500	10,500	8,270	8,270	5,000	9,670	N/G	N/G
Total PeCDD	36088-22-9	ppt-TOC	10	10	100	114	4,180	--	--	1,850	1,850	1,600	1,600	1,050	1,090	N/G/Ln	N/G/Ln
Total PeCDF	30402-15-4	ppt-TOC	10	10	100	75.9	31,300	--	--	10,200	10,200	9,080	9,080	5,140	9,190	N/G	N/G
Total TCDD	41903-57-5	ppt-TOC	10	10	100	66.2	16,600	--	--	7,020	7,020	5,800	5,800	3,520	5,540	N/G	N/G
Total TCDF	55722-27-5	ppt-TOC	10	10	100	145	40,800	--	--	15,900	15,900	12,200	12,200	8,550	16,400	N/G	N/G
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	10	10	100	345	105,000	--	--	37,300	37,300	31,600	31,600	18,900	30,700	N/G	N/G
PCB-103	60145-21-3	ppt-TOC	10	9	90	833	37,500	207	207	16,200	16,300	14,200	13,400	7,240	11,700	N/G/Ln	N/Ln
PCB-104	56558-16-8	ppt-TOC	10	3	30	601	3,540	59.3	12,000	1,730	--	2,300	--	450	419	--	--
PCB-105	32598-14-4	ppt-TOC	10	10	100	1,660	833,000	--	--	398,000	398,000	309,000	309,000	189,000	346,000	N/G	N/G
PCB-11	2050-67-1	ppt-TOC	10	9	90	37,100	1,100,000	207	207	500,000	504,000	394,000	369,000	175,000	386,000	N/G/Ln	N/Ln
PCB-114	74472-37-0	ppt-TOC	10	9	90	1,820	62,500	207	207	25,800	25,900	21,900	20,600	11,500	19,300	N/G/Ln	N/Ln
PCB-12/13	PCB-12/13	ppt-TOC	10	9	90	11,400	375,000	207	207	176,000	178,000	131,000	122,000	69,800	147,000	N/G	N
PCB-120	68194-12-7	ppt-TOC	10	4	40	1,140	3,180	138	12,000	3,100	--	2,230	--	1,720	2,980	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-121	56558-18-0	ppt-TOC	10	0	0	--	--	138	12,000	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt-TOC	10	7	70	985	37,500	207	5,740	15,400	15,200	15,400	14,800	5,730	8,610	N/G/Ln	N/Ln
PCB-123	65510-44-3	ppt-TOC	10	8	80	1,290	35,700	207	4,490	16,500	16,600	14,300	13,500	7,220	14,300	N/G/Ln	N/Ln
PCB-126	57465-28-8	ppt-TOC	10	4	40	23,600	35,000	207	5,500	11,700	--	13,700	--	3,200	2,450	--	--
PCB-127	39635-33-1	ppt-TOC	10	4	40	1,800	3,330	207	5,860	1,980	--	1,170	--	1,350	2,080	--	--
PCB-130	52663-66-8	ppt-TOC	10	10	100	414	148,000	--	--	69,000	69,000	54,100	54,100	33,700	60,500	N/G	N/G
PCB-131	61798-70-7	ppt-TOC	10	9	90	1,060	32,500	207	207	14,700	14,800	12,600	11,800	6,870	9,990	N/G/Ln	N/Ln
PCB-134/143	PCB-134/143	ppt-TOC	10	9	90	5,150	130,000	276	276	60,600	61,100	47,600	44,500	27,000	49,100	N/G/Ln	N/Ln
PCB-136	38411-22-2	ppt-TOC	10	10	100	966	325,000	--	--	147,000	147,000	122,000	122,000	70,600	110,000	N/G	N/G
PCB-137	35694-06-5	ppt-TOC	10	9	90	3,940	105,000	138	138	48,700	49,100	41,100	38,500	19,700	35,400	N/G/Ln	N/Ln
PCB-14	34883-41-5	ppt-TOC	10	1	10	1,040	1,040	172	12,000	1,910	--	2,490	--	551	581	--	--
PCB-141	52712-04-6	ppt-TOC	10	10	100	1,520	425,000	--	--	190,000	190,000	156,000	156,000	94,400	144,000	N/G	N/G
PCB-144	68194-14-9	ppt-TOC	10	9	90	4,700	133,000	207	207	56,500	57,000	49,200	46,200	23,200	38,700	N/G/Ln	N/Ln
PCB-145	74472-40-5	ppt-TOC	10	3	30	958	1,140	59.3	23,800	1,560	--	3,660	--	273	109	--	--
PCB-148	74472-41-6	ppt-TOC	10	7	70	653	3,540	207	1,070	1,490	1,620	1,270	1,080	907	1,100	N/G/Ln	N/Ln
PCB-15	2050-68-2	ppt-TOC	10	9	90	48,500	1,520,000	2,830	2,830	716,000	721,000	550,000	516,000	315,000	597,000	N/G	N
PCB-150	68194-08-1	ppt-TOC	10	8	80	939	13,300	138	227	3,560	3,730	3,960	3,610	1,580	2,440	G/Ln	N/Ln
PCB-152	68194-09-2	ppt-TOC	10	8	80	613	1,800	207	227	1,020	1,120	626	458	724	1,110	N/G/Ln	N/Ln
PCB-154	60145-22-4	ppt-TOC	6	5	83	1,360	15,900	207	207	7,320	--	6,400	--	3,250	6,790	--	--
PCB-155	33979-03-2	ppt-TOC	10	9	90	682	177,000	207	207	30,200	30,200	55,800	52,900	6,180	6,340	G/Ln	G/Ln
PCB-159	39635-35-3	ppt-TOC	10	6	60	606	20,500	207	980	8,160	8,310	9,130	8,530	1,880	3,560	N/G	NP
PCB-167	52663-72-6	ppt-TOC	10	10	100	276	72,500	--	--	36,200	36,200	26,600	26,600	18,800	34,300	N/G	N/G
PCB-169	32774-16-6	ppt-TOC	10	4	40	10,500	13,300	207	6,510	5,280	--	6,030	--	1,220	1,870	--	--
PCB-17	37680-66-3	ppt-TOC	10	10	100	1,930	1,880,000	--	--	723,000	723,000	753,000	753,000	267,000	353,000	G	G
PCB-170	35065-30-6	ppt-TOC	10	10	100	1,380	475,000	--	--	227,000	227,000	169,000	169,000	113,000	205,000	N/G	N/G
PCB-172	52663-74-8	ppt-TOC	10	9	90	3,860	90,000	276	276	43,900	44,200	32,700	30,500	20,600	38,500	N/G/Ln	N
PCB-174	38411-25-5	ppt-TOC	10	10	100	1,520	450,000	--	--	234,000	234,000	165,000	165,000	122,000	223,000	N/G	N/G
PCB-175	40186-70-7	ppt-TOC	10	9	90	1,140	25,000	345	345	12,300	12,400	9,200	8,600	6,640	11,400	N/G/Ln	N/Ln
PCB-176	52663-65-7	ppt-TOC	10	9	90	3,640	85,000	276	276	40,200	40,600	30,700	28,600	18,900	35,400	N/G/Ln	N/Ln
PCB-177	52663-70-4	ppt-TOC	10	10	100	1,030	325,000	--	--	167,000	167,000	118,000	118,000	86,100	162,000	N/G	N/G
PCB-178	52663-67-9	ppt-TOC	10	9	90	5,910	130,000	345	345	61,300	61,900	45,700	42,600	28,600	56,900	N/G/Ln	N/Ln
PCB-179	52663-64-6	ppt-TOC	10	10	100	828	275,000	--	--	131,000	131,000	97,000	97,000	66,500	120,000	N/G	N/G
PCB-18	37680-65-2	ppt-TOC	4	4	100	1,250,000	3,540,000	--	--	2,660,000	2,660,000	986,000	986,000	2,480,000	2,930,000	--	--
PCB-181	74472-47-2	ppt-TOC	10	6	60	731	4,750	207	473	1,830	2,060	1,940	1,640	773	838	N/G/Ln	NP
PCB-183	52663-69-1	ppt-TOC	10	10	100	1,170	375,000	--	--	185,000	185,000	132,000	132,000	95,900	188,000	N/G	N/G
PCB-184	74472-48-3	ppt-TOC	10	5	50	375	9,580	207	23,800	2,740	1,830	4,350	2,880	691	467	N/G/Ln	N/Ln
PCB-185	52712-05-7	ppt-TOC	10	7	70	7,710	52,500	227	533	21,200	23,400	22,000	18,800	5,120	9,480	N/G	N
PCB-186	74472-49-4	ppt-TOC	10	0	0	--	--	79.1	23,800	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt-TOC	10	7	70	455	1,280	207	286	701	801	459	310	493	822	N/G/Ln	N
PCB-189	39635-31-9	ppt-TOC	10	4	40	4,490	8,280	207	23,800	6,770	--	4,270	--	3,750	7,580	--	--
PCB-19	38444-73-4	ppt-TOC	10	10	100	414	313,000	--	--	121,000	121,000	117,000	117,000	47,800	78,500	G	G
PCB-190	41411-64-7	ppt-TOC	10	10	100	276	123,000	--	--	55,500	55,500	46,200	46,200	25,300	40,300	N/G	N/G
PCB-191	74472-50-7	ppt-TOC	10	9	90	909	30,000	207	207	13,600	13,700	12,000	11,300	6,220	8,600	N/G/Ln	N/Ln

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-192	74472-51-8	ppt-TOC	10	0	0	--	--	198	23,800	--	--	--	--	--	--	--	--
PCB-194	35694-08-7	ppt-TOC	10	10	100	621	333,000	--	--	161,000	161,000	127,000	127,000	73,600	140,000	N/G	N/G
PCB-195	52663-78-2	ppt-TOC	10	9	90	4,090	107,000	207	207	54,200	54,600	39,300	36,700	24,100	55,100	N/G	N
PCB-197	33091-17-7	ppt-TOC	10	9	90	530	15,700	138	138	7,290	7,330	6,020	5,650	3,560	5,700	N/G/Ln	N/Ln
PCB-199	52663-75-9	ppt-TOC	6	5	83	2,500	30,800	138	138	13,900	--	12,200	--	5,250	12,500	--	--
PCB-2	2051-61-8	ppt-TOC	10	10	100	1,100	27,800	--	--	16,800	16,800	8,440	8,440	12,700	19,300	N	N
PCB-200	52663-73-7	ppt-TOC	4	4	100	27,300	38,100	--	--	34,000	34,000	4,640	4,640	33,700	35,200	--	--
PCB-201	40186-71-8	ppt-TOC	10	9	90	1,590	59,500	138	138	26,500	26,600	23,600	22,200	10,600	17,800	N/G/Ln	N/Ln
PCB-202	2136-99-4	ppt-TOC	10	10	100	276	118,000	--	--	60,600	60,600	44,700	44,700	29,600	60,500	N/G	N/G
PCB-204	74472-52-9	ppt-TOC	10	0	0	--	--	79.1	23,800	--	--	--	--	--	--	--	--
PCB-205	74472-53-0	ppt-TOC	10	9	90	682	14,800	138	138	7,410	7,470	5,540	5,170	3,860	6,990	N/G/Ln	N
PCB-206	40186-72-9	ppt-TOC	10	10	100	552	275,000	--	--	136,000	136,000	101,000	101,000	65,000	145,000	N/G	N/G
PCB-207	52663-79-3	ppt-TOC	10	9	90	1,360	27,500	207	207	14,600	14,700	10,100	9,360	7,600	17,100	N/G	N
PCB-208	52663-77-1	ppt-TOC	10	9	90	5,680	87,500	207	207	49,900	50,500	32,800	30,200	23,700	65,300	N	N
PCB-209	2051-24-3	ppt-TOC	10	10	100	1,860	201,000	--	--	119,000	119,000	71,800	71,800	72,600	146,000	N	N
PCB-22	38444-85-8	ppt-TOC	10	10	100	1,930	1,500,000	--	--	615,000	615,000	567,000	567,000	258,000	395,000	N/G	N/G
PCB-23	55720-44-0	ppt-TOC	10	4	40	1,590	3,960	207	828	1,270	--	1,430	--	613	400	--	--
PCB-25	55712-37-3	ppt-TOC	10	10	100	621	450,000	--	--	203,000	203,000	161,000	161,000	92,300	156,000	N/G	N/G
PCB-3	2051-62-9	ppt-TOC	10	10	100	414	100,000	--	--	47,500	47,500	34,800	34,800	24,800	43,200	N/G	N/G
PCB-30	35693-92-6	ppt-TOC	4	3	75	2,380	3,540	10,500	10,500	3,390	--	1,350	--	3,210	2,970	--	--
PCB-31	16606-02-3	ppt-TOC	10	10	100	6,000	4,500,000	--	--	1,920,000	1,920,000	1,700,000	1,700,000	828,000	1,290,000	N/G	N/G
PCB-34	37680-68-5	ppt-TOC	10	9	90	833	23,800	207	207	10,700	10,800	8,740	8,200	5,480	8,520	N/G/Ln	N/Ln
PCB-35	37680-69-6	ppt-TOC	10	9	90	4,390	119,000	276	276	58,200	58,600	42,100	39,400	26,800	54,200	N/G	N
PCB-36	38444-87-0	ppt-TOC	10	0	0	--	--	207	12,000	--	--	--	--	--	--	--	--
PCB-37	38444-90-5	ppt-TOC	10	10	100	1,930	1,880,000	--	--	773,000	773,000	714,000	714,000	306,000	461,000	N/G	N/G
PCB-38	53555-66-1	ppt-TOC	10	0	0	--	--	207	12,000	--	--	--	--	--	--	--	--
PCB-39	38444-88-1	ppt-TOC	10	8	80	4,940	32,500	207	682	13,200	14,100	12,800	11,300	5,390	6,770	G/Ln	N/Ln
PCB-45	70362-45-7	ppt-TOC	6	6	100	897	183,000	--	--	103,000	103,000	77,400	77,400	43,000	129,000	--	--
PCB-46	41464-47-5	ppt-TOC	10	10	100	345	292,000	--	--	106,000	106,000	107,000	107,000	41,200	54,100	N/G	N/G
PCB-51	68194-04-7	ppt-TOC	6	6	100	897	183,000	--	--	103,000	103,000	77,400	77,400	43,000	129,000	--	--
PCB-54	15968-05-5	ppt-TOC	10	8	80	1,940	11,700	207	227	4,570	4,930	4,010	3,430	2,200	2,970	N/G/Ln	N/Ln
PCB-55	74338-24-2	ppt-TOC	10	8	80	9,680	1,600,000	207	730	208,000	210,000	491,000	465,000	22,900	78,400	Ln	Ln
PCB-57	70424-67-8	ppt-TOC	10	8	80	5,930	25,000	207	303	11,900	13,100	9,080	7,220	5,220	10,300	N/G/Ln	N/Ln
PCB-58	41464-49-7	ppt-TOC	10	6	60	1,210	165,000	207	687	58,800	59,200	72,800	68,800	5,160	12,200	N/G	G
PCB-6	25569-80-6	ppt-TOC	10	9	90	5,830	250,000	207	207	100,000	101,000	83,700	78,700	39,800	70,600	N/G/Ln	N/Ln
PCB-63	74472-34-7	ppt-TOC	10	9	90	3,480	153,000	276	276	73,600	73,900	57,300	53,900	31,000	57,500	N/G	N
PCB-67	73575-53-8	ppt-TOC	10	9	90	2,270	118,000	138	138	54,300	54,500	43,600	41,100	21,400	41,800	N/G	N
PCB-68	73575-52-7	ppt-TOC	10	9	90	1,060	22,300	207	207	11,100	11,200	7,170	6,650	6,190	11,700	N/G	N
PCB-73	74338-23-1	ppt-TOC	10	0	0	--	--	59.3	2,380	--	--	--	--	--	--	--	--
PCB-77	32598-13-3	ppt-TOC	10	10	100	690	350,000	--	--	179,000	179,000	130,000	130,000	85,200	168,000	N/G	N/G
PCB-78	70362-49-1	ppt-TOC	10	4	40	1,300	2,360	207	1,480	993	--	919	--	592	595	--	--
PCB-79	41464-48-6	ppt-TOC	10	8	80	7,350	57,100	207	303	23,800	25,300	24,000	21,400	7,510	9,860	G	N/Ln
PCB-80	33284-52-5	ppt-TOC	10	5	50	3,730	12,700	138	601	3,480	5,260	4,250	2,770	974	2,020	N/G/Ln	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-81	70362-50-4	ppt-TOC	10	8	80	2,200	12,000	138	303	5,960	6,370	4,530	3,780	2,800	6,120	N/G/Ln	N/Ln
PCB-82	52663-62-4	ppt-TOC	10	10	100	552	357,000	--	--	174,000	174,000	145,000	145,000	76,700	121,000	N/G	N/G
PCB-88/91	PCB-88/91	ppt-TOC	4	4	100	318,000	548,000	--	--	462,000	462,000	103,000	103,000	452,000	492,000	--	--
PCB-89	73575-57-2	ppt-TOC	10	9	90	1,140	54,800	276	276	24,600	24,700	22,000	20,800	10,600	14,700	N/G/Ln	N/Ln
PCB-94	73575-55-0	ppt-TOC	10	9	90	455	23,800	207	207	10,800	10,900	9,250	8,730	5,040	7,200	N/G	N
PCB-96	73575-54-9	ppt-TOC	10	9	90	682	41,700	138	138	16,800	16,900	17,100	16,200	6,250	7,790	G/Ln	N/Ln
Total Congener PCBs (209)	No CAS	ppt-TOC	10	10	100	158,000	99,300,000	--	--	45,000,000	45,000,000	38,300,000	38,300,000	19,700,000	31,100,000	N/G	N/G
Total Congener PCBs (NOAA 1989)	No CAS	ppt-TOC	6	6	100	130,000	24,900,000	--	--	13,100,000	13,100,000	10,100,000	10,100,000	5,600,000	15,400,000	--	--
Subsurface (>3.5 ft bss)																	
Dioxins/Furans																	
1,2,3,4,6,7,8-HpCDD	35822-46-9	ppt-TOC	4	4	100	10,600	24,700	--	--	19,300	19,300	6,060	6,060	18,400	20,900	--	--
1,2,3,4,6,7,8-HpCDF	67562-39-4	ppt-TOC	4	4	100	15,200	22,900	--	--	17,700	17,700	3,530	3,530	17,400	16,300	--	--
1,2,3,4,7,8,9-HpCDF	55673-89-7	ppt-TOC	4	4	100	490	779	--	--	629	629	118	118	620	623	--	--
1,2,3,4,7,8-HxCDD	39227-28-6	ppt-TOC	4	4	100	168	335	--	--	262	262	69.3	69.3	254	272	--	--
1,2,3,4,7,8-HxCDF	70648-26-9	ppt-TOC	4	4	100	3,280	4,470	--	--	3,600	3,600	584	584	3,560	3,320	--	--
1,2,3,6,7,8-HxCDD	57653-85-7	ppt-TOC	4	4	100	826	1,680	--	--	1,430	1,430	405	405	1,370	1,600	--	--
1,2,3,6,7,8-HxCDF	57117-44-9	ppt-TOC	4	4	100	762	1,320	--	--	984	984	237	237	964	927	--	--
1,2,3,7,8,9-HxCDD	19408-74-3	ppt-TOC	4	4	100	470	1,100	--	--	886	886	284	284	842	987	--	--
1,2,3,7,8,9-HxCDF	72918-21-9	ppt-TOC	4	4	100	29.8	51.2	--	--	43.8	43.8	9.67	9.70	42.9	47.2	--	--
1,2,3,7,8-PeCDD	40321-76-4	ppt-TOC	4	4	100	242	396	--	--	349	349	72.1	72.1	342	379	--	--
1,2,3,7,8-PeCDF	57117-41-6	ppt-TOC	4	4	100	216	658	--	--	425	425	188	188	392	412	--	--
2,3,4,6,7,8-HxCDF	60851-34-5	ppt-TOC	4	4	100	396	709	--	--	563	563	133	133	551	574	--	--
2,3,4,7,8-PeCDF	57117-31-4	ppt-TOC	4	4	100	618	1,600	--	--	1,030	1,030	414	414	967	943	--	--
2,3,7,8-TCDD	1746-01-6	ppt-TOC	4	4	100	12,600	33,500	--	--	23,800	23,800	8,580	8,580	22,500	24,600	--	--
2,3,7,8-TCDF	51207-31-9	ppt-TOC	4	4	100	981	14,700	--	--	4,580	4,580	6,750	6,750	2,220	1,320	--	--
OCDD	3268-87-9	ppt-TOC	4	4	100	117,000	242,000	--	--	202,000	202,000	57,600	57,600	194,000	224,000	--	--
OCDF	39001-02-0	ppt-TOC	4	4	100	21,700	33,000	--	--	27,400	27,400	4,680	4,680	27,000	27,400	--	--
Total HpCDD	37871-00-4	ppt-TOC	4	4	100	23,400	54,900	--	--	42,200	42,200	13,400	13,400	40,300	45,300	--	--
Total HpCDF	38998-75-3	ppt-TOC	4	4	100	22,200	34,400	--	--	27,300	27,300	5,110	5,110	27,000	26,400	--	--
Total HxCDD	34465-46-8	ppt-TOC	4	4	100	6,740	13,200	--	--	10,900	10,900	2,960	2,960	10,600	11,900	--	--
Total HxCDF	55684-94-1	ppt-TOC	4	4	100	13,800	21,100	--	--	16,800	16,800	3,070	3,070	16,600	16,200	--	--
Total PeCDD	36088-22-9	ppt-TOC	4	4	100	1,320	4,140	--	--	3,020	3,020	1,270	1,270	2,760	3,310	--	--
Total PeCDF	30402-15-4	ppt-TOC	4	4	100	21,600	28,300	--	--	24,700	24,700	2,770	2,770	24,500	24,400	--	--
Total TCDD	41903-57-5	ppt-TOC	4	4	100	15,000	36,300	--	--	26,700	26,700	8,780	8,780	25,400	27,800	--	--
Total TCDF	55722-27-5	ppt-TOC	4	4	100	37,400	65,200	--	--	47,900	47,900	12,100	12,100	46,900	44,500	--	--
Congener PCBs																	
PCB-1	2051-60-7	ppt-TOC	4	4	100	58,800	140,000	--	--	106,000	106,000	35,900	35,900	101,000	114,000	--	--
PCB-103	60145-21-3	ppt-TOC	4	4	100	20,800	53,200	--	--	38,500	38,500	14,400	14,400	36,200	39,900	--	--
PCB-104	56558-16-8	ppt-TOC	4	1	25	532	532	10,200	25,000	6,310	--	4,960	--	3,940	6,100	--	--
PCB-105	32598-14-4	ppt-TOC	4	4	100	1,130,000	1,940,000	--	--	1,440,000	1,440,000	370,000	370,000	1,400,000	1,340,000	--	--
PCB-11	2050-67-1	ppt-TOC	4	4	100	1,210,000	2,080,000	--	--	1,530,000	1,530,000	395,000	395,000	1,490,000	1,410,000	--	--
PCB-114	74472-37-0	ppt-TOC	4	4	100	65,000	127,000	--	--	101,000	101,000	28,000	28,000	97,800	106,000	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-12/13	PCB-12/13	ppt-TOC	4	4	100	152,000	298,000	--	--	240,000	240,000	65,200	65,200	232,000	254,000	--	--
PCB-120	68194-12-7	ppt-TOC	4	2	50	5,240	6,250	9,360	10,200	5,320	--	666	--	5,290	5,170	--	--
PCB-121	56558-18-0	ppt-TOC	4	0	0	--	--	9,360	25,000	--	--	--	--	--	--	--	--
PCB-122	76842-07-4	ppt-TOC	4	4	100	33,400	61,700	--	--	51,700	51,700	13,000	13,000	50,200	55,800	--	--
PCB-123	65510-44-3	ppt-TOC	4	4	100	39,200	70,800	--	--	55,200	55,200	13,000	13,000	54,000	55,500	--	--
PCB-126	57465-28-8	ppt-TOC	4	4	100	23,600	39,600	--	--	30,700	30,700	7,450	7,450	30,000	29,800	--	--
PCB-127	39635-33-1	ppt-TOC	4	4	100	2,600	6,600	--	--	4,880	4,880	1,670	1,670	4,630	5,170	--	--
PCB-130	52663-66-8	ppt-TOC	4	4	100	139,000	255,000	--	--	204,000	204,000	50,200	50,200	199,000	211,000	--	--
PCB-131	61798-70-7	ppt-TOC	4	4	100	31,600	66,000	--	--	50,800	50,800	14,300	14,300	49,000	52,700	--	--
PCB-134/143	PCB-134/143	ppt-TOC	4	4	100	127,000	255,000	--	--	191,000	191,000	53,900	53,900	185,000	190,000	--	--
PCB-136	38411-22-2	ppt-TOC	4	4	100	304,000	596,000	--	--	466,000	466,000	122,000	122,000	453,000	483,000	--	--
PCB-137	35694-06-5	ppt-TOC	4	4	100	108,000	211,000	--	--	166,000	166,000	47,100	47,100	160,000	172,000	--	--
PCB-14	34883-41-5	ppt-TOC	4	2	50	1,330	1,360	14,200	25,000	5,570	--	5,360	--	3,560	4,230	--	--
PCB-141	52712-04-6	ppt-TOC	4	4	100	410,000	723,000	--	--	589,000	589,000	145,000	145,000	575,000	612,000	--	--
PCB-144	68194-14-9	ppt-TOC	4	4	100	105,000	213,000	--	--	164,000	164,000	44,700	44,700	159,000	169,000	--	--
PCB-145	74472-40-5	ppt-TOC	4	1	25	1,910	1,910	18,500	50,000	12,500	--	9,680	--	8,870	11,600	--	--
PCB-148	74472-41-6	ppt-TOC	4	4	100	1,910	5,110	--	--	3,530	3,530	1,410	1,410	3,310	3,560	--	--
PCB-15	2050-68-2	ppt-TOC	4	4	100	1,060,000	2,290,000	--	--	1,750,000	1,750,000	510,000	510,000	1,690,000	1,830,000	--	--
PCB-150	68194-08-1	ppt-TOC	4	4	100	3,640	9,790	--	--	6,640	6,640	2,820	2,820	6,170	6,570	--	--
PCB-152	68194-09-2	ppt-TOC	4	4	100	2,000	4,680	--	--	3,310	3,310	1,160	1,160	3,150	3,270	--	--
PCB-155	33979-03-2	ppt-TOC	4	2	50	936	1,140	28,000	50,000	10,300	--	11,600	--	4,400	7,570	--	--
PCB-159	39635-35-3	ppt-TOC	4	4	100	15,700	36,200	--	--	25,700	25,700	8,620	8,620	24,500	25,400	--	--
PCB-167	52663-72-6	ppt-TOC	4	4	100	77,000	138,000	--	--	107,000	107,000	28,200	28,200	104,000	107,000	--	--
PCB-169	32774-16-6	ppt-TOC	4	4	100	3,060	18,500	--	--	11,700	11,700	7,980	7,980	9,130	12,500	--	--
PCB-17	37680-66-3	ppt-TOC	4	4	100	1,730,000	3,130,000	--	--	2,610,000	2,610,000	606,000	606,000	2,540,000	2,780,000	--	--
PCB-170	35065-30-6	ppt-TOC	4	4	100	368,000	667,000	--	--	563,000	563,000	139,000	139,000	548,000	609,000	--	--
PCB-172	52663-74-8	ppt-TOC	4	4	100	58,600	130,000	--	--	102,000	102,000	30,600	30,600	98,000	110,000	--	--
PCB-174	38411-25-5	ppt-TOC	4	4	100	374,000	723,000	--	--	598,000	598,000	157,000	157,000	579,000	647,000	--	--
PCB-175	40186-70-7	ppt-TOC	4	4	100	15,500	38,300	--	--	28,800	28,800	9,580	9,580	27,400	30,800	--	--
PCB-176	52663-65-7	ppt-TOC	4	4	100	51,000	119,000	--	--	90,400	90,400	28,900	28,900	86,300	95,800	--	--
PCB-177	52663-70-4	ppt-TOC	4	4	100	216,000	468,000	--	--	374,000	374,000	110,000	110,000	359,000	406,000	--	--
PCB-178	52663-67-9	ppt-TOC	4	4	100	74,800	172,000	--	--	133,000	133,000	41,600	41,600	128,000	144,000	--	--
PCB-179	52663-64-6	ppt-TOC	4	4	100	179,000	383,000	--	--	300,000	300,000	86,400	86,400	289,000	320,000	--	--
PCB-18	37680-65-2	ppt-TOC	4	2	50	5,120,000	5,320,000	14,200	25,000	2,610,000	--	3,010,000	--	222,000	2,570,000	--	--
PCB-181	74472-47-2	ppt-TOC	4	4	100	3,580	7,910	--	--	6,250	6,250	2,070	2,070	5,950	6,750	--	--
PCB-183	52663-69-1	ppt-TOC	4	2	50	442,000	511,000	28,000	50,000	248,000	--	265,000	--	94,300	234,000	--	--
PCB-184	74472-48-3	ppt-TOC	4	2	50	1,280	3,020	28,000	50,000	10,800	--	11,000	--	6,060	8,510	--	--
PCB-185	52712-05-7	ppt-TOC	4	4	100	69,800	479,000	--	--	226,000	226,000	193,000	193,000	165,000	177,000	--	--
PCB-186	74472-49-4	ppt-TOC	4	0	0	--	--	18,500	50,000	--	--	--	--	--	--	--	--
PCB-188	74487-85-7	ppt-TOC	4	4	100	868	2,110	--	--	1,380	1,380	562	562	1,300	1,280	--	--
PCB-189	39635-31-9	ppt-TOC	4	2	50	14,500	25,000	18,500	20,200	14,700	--	7,230	--	13,600	12,300	--	--
PCB-19	38444-73-4	ppt-TOC	4	4	100	264,000	417,000	--	--	365,000	365,000	68,600	68,600	359,000	389,000	--	--
PCB-190	41411-64-7	ppt-TOC	4	4	100	62,000	174,000	--	--	128,000	128,000	48,300	48,300	119,000	138,000	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-191	74472-50-7	ppt-TOC	4	4	100	13,200	44,700	--	--	29,500	29,500	13,500	13,500	26,800	30,000	--	--
PCB-192	74472-51-8	ppt-TOC	4	0	0	--	--	18,500	50,000	--	--	--	--	--	--	--	--
PCB-194	35694-08-7	ppt-TOC	4	4	100	184,000	489,000	--	--	347,000	347,000	143,000	143,000	322,000	357,000	--	--
PCB-195	52663-78-2	ppt-TOC	4	4	100	63,000	149,000	--	--	116,000	116,000	40,800	40,800	109,000	126,000	--	--
PCB-197	33091-17-7	ppt-TOC	4	4	100	21,100	39,600	--	--	27,400	27,400	8,700	8,700	26,400	24,400	--	--
PCB-2	2051-61-8	ppt-TOC	4	4	100	25,600	104,000	--	--	56,300	56,300	35,400	35,400	48,500	47,800	--	--
PCB-200	52663-73-7	ppt-TOC	4	2	50	58,100	61,700	28,000	50,000	39,700	--	23,800	--	33,500	41,600	--	--
PCB-201	40186-71-8	ppt-TOC	4	4	100	30,400	83,000	--	--	59,700	59,700	26,600	26,600	54,800	62,600	--	--
PCB-202	2136-99-4	ppt-TOC	4	4	100	69,000	166,000	--	--	119,000	119,000	49,000	49,000	111,000	121,000	--	--
PCB-204	74472-52-9	ppt-TOC	4	0	0	--	--	18,500	50,000	--	--	--	--	--	--	--	--
PCB-205	74472-53-0	ppt-TOC	4	4	100	7,680	23,400	--	--	15,800	15,800	7,480	7,480	14,300	16,000	--	--
PCB-206	40186-72-9	ppt-TOC	4	4	100	177,000	340,000	--	--	251,000	251,000	73,500	73,500	243,000	243,000	--	--
PCB-207	52663-79-3	ppt-TOC	4	4	100	18,400	38,300	--	--	27,500	27,500	8,720	8,720	26,400	26,600	--	--
PCB-208	52663-77-1	ppt-TOC	4	4	100	68,800	106,000	--	--	85,600	85,600	18,000	18,000	84,200	83,900	--	--
PCB-209	2051-24-3	ppt-TOC	4	4	100	209,000	266,000	--	--	240,000	240,000	24,300	24,300	239,000	242,000	--	--
PCB-22	38444-85-8	ppt-TOC	4	4	100	1,610,000	2,920,000	--	--	2,130,000	2,130,000	558,000	558,000	2,080,000	2,000,000	--	--
PCB-23	55720-44-0	ppt-TOC	4	4	100	2,380	5,000	--	--	3,950	3,950	1,180	1,180	3,790	4,200	--	--
PCB-25	55712-37-3	ppt-TOC	4	4	100	308,000	535,000	--	--	463,000	463,000	105,000	105,000	453,000	505,000	--	--
PCB-3	2051-62-9	ppt-TOC	4	4	100	50,800	194,000	--	--	125,000	125,000	58,600	58,600	112,000	128,000	--	--
PCB-30	35693-92-6	ppt-TOC	4	4	100	2,770	6,880,000	--	--	2,660,000	2,660,000	3,320,000	3,320,000	121,000	1,880,000	--	--
PCB-31	16606-02-3	ppt-TOC	4	4	100	4,380,000	8,130,000	--	--	6,120,000	6,120,000	1,550,000	1,550,000	5,980,000	5,990,000	--	--
PCB-34	37680-68-5	ppt-TOC	4	4	100	18,600	39,500	--	--	30,900	30,900	9,240	9,240	29,700	32,700	--	--
PCB-35	37680-69-6	ppt-TOC	4	4	100	99,000	194,000	--	--	162,000	162,000	42,500	42,500	156,000	177,000	--	--
PCB-36	38444-87-0	ppt-TOC	4	0	0	--	--	9,360	25,000	--	--	--	--	--	--	--	--
PCB-37	38444-90-5	ppt-TOC	4	4	100	1,120,000	2,790,000	--	--	2,130,000	2,130,000	739,000	739,000	2,010,000	2,310,000	--	--
PCB-38	53555-66-1	ppt-TOC	4	2	50	2,040	3,330	9,360	10,200	3,790	--	1,390	--	3,570	4,010	--	--
PCB-39	38444-88-1	ppt-TOC	4	4	100	18,100	53,500	--	--	38,000	38,000	17,200	17,200	34,700	40,200	--	--
PCB-46	41464-47-5	ppt-TOC	4	4	100	238,000	468,000	--	--	384,000	384,000	106,000	106,000	371,000	415,000	--	--
PCB-54	15968-05-5	ppt-TOC	4	4	100	3,700	13,600	--	--	9,330	9,330	4,520	4,520	8,310	10,000	--	--
PCB-55	74338-24-2	ppt-TOC	4	4	100	32,800	168,000	--	--	109,000	109,000	58,300	58,300	92,700	117,000	--	--
PCB-57	70424-67-8	ppt-TOC	4	4	100	11,200	38,300	--	--	26,700	26,700	11,400	11,400	24,300	28,700	--	--
PCB-58	41464-49-7	ppt-TOC	4	4	100	57,400	319,000	--	--	182,000	182,000	117,000	117,000	149,000	175,000	--	--
PCB-6	25569-80-6	ppt-TOC	4	4	100	214,000	354,000	--	--	267,000	267,000	64,800	64,800	261,000	249,000	--	--
PCB-63	74472-34-7	ppt-TOC	4	4	100	121,000	298,000	--	--	219,000	219,000	73,000	73,000	208,000	228,000	--	--
PCB-67	73575-53-8	ppt-TOC	4	4	100	92,600	234,000	--	--	177,000	177,000	59,800	59,800	167,000	191,000	--	--
PCB-68	73575-52-7	ppt-TOC	4	4	100	8,340	31,900	--	--	20,000	20,000	11,700	11,700	17,200	19,800	--	--
PCB-73	74338-23-1	ppt-TOC	4	1	25	206,000	206,000	1,850	2,800	52,300	--	102,000	--	4,050	1,210	--	--
PCB-77	32598-13-3	ppt-TOC	4	4	100	346,000	708,000	--	--	546,000	546,000	155,000	155,000	527,000	565,000	--	--
PCB-78	70362-49-1	ppt-TOC	4	2	50	3,720	4,890	2,800	5,000	3,130	--	1,510	--	2,820	3,110	--	--
PCB-79	41464-48-6	ppt-TOC	4	4	100	21,600	119,000	--	--	83,400	83,400	42,600	42,600	69,900	96,500	--	--
PCB-80	33284-52-5	ppt-TOC	4	2	50	5,350	11,700	2,800	5,000	5,240	--	4,620	--	3,850	3,930	--	--
PCB-81	70362-50-4	ppt-TOC	4	2	50	21,900	23,400	2,800	5,000	12,300	--	12,000	--	6,510	12,200	--	--

Table D-16
Summary Statistics
Newark Bay Study Area - CARP Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
PCB-82	52663-62-4	ppt-TOC	4	4	100	406,000	809,000	--	--	648,000	648,000	178,000	178,000	627,000	689,000	--	--
PCB-88/91	PCB-88/91	ppt-TOC	4	4	100	520,000	1,020,000	--	--	813,000	813,000	211,000	211,000	789,000	856,000	--	--
PCB-89	73575-57-2	ppt-TOC	4	4	100	50,000	123,000	--	--	90,500	90,500	30,200	30,200	86,100	94,600	--	--
PCB-94	73575-55-0	ppt-TOC	4	4	100	17,300	38,300	--	--	29,900	29,900	8,920	8,920	28,700	32,000	--	--
PCB-96	73575-54-9	ppt-TOC	4	3	75	28,400	72,300	10,200	10,200	40,500	--	29,800	--	27,700	42,400	--	--
Total Congener PCBs (209)	No CAS	ppt-TOC	4	4	100	96,800,000	17,500,000	--	--	14,600,000	14,600,000	36,000,000	36,000,000	14,300,000	15,700,000	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	9	3	33	55.2	283	39.5	67.5	80.9	--	102	--	46.3	31.0	--	--
Arsenic	7440-38-2	ppm-Al	9	9	100	789	2,180	--	--	1,220	1,220	539	539	1,140	991	G	G
Barium	7440-39-3	ppm-Al	9	9	100	6,310	12,300	--	--	9,320	9,320	2,030	2,030	9,110	9,190	N/G/Ln	N/G/Ln
Beryllium	7440-41-7	ppm-Al	9	9	100	52.8	66.4	--	--	60.7	60.7	4.9	4.9	60.5	60.1	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Al	9	9	100	61.2	199	--	--	105	105	40.5	40.5	98.9	95.2	N/G/Ln	N/G/Ln
Calcium	7440-70-2	ppm-Al	9	9	100	210,000	764,000	--	--	542,000	542,000	193,000	193,000	504,000	530,000	N/G/Ln	N/G/Ln
Chromium	7440-47-3	ppm-Al	9	9	100	5,790	14,500	--	--	8,880	8,880	2,950	2,950	8,490	7,870	N/G/Ln	N/G/Ln
Cobalt	7440-48-4	ppm-Al	9	9	100	698	1,050	--	--	829	829	129	129	821	784	NP	NP
Copper	7440-50-8	ppm-Al	9	9	100	6,630	14,000	--	--	9,020	9,020	2,360	2,360	8,780	8,570	N/G/Ln	N/G/Ln
Iron	7439-89-6	ppm-Al	9	9	100	1,940,000	2,370,000	--	--	2,140,000	2,140,000	133,000	133,000	2,140,000	2,140,000	N/G/Ln	N/G/Ln
Lead	7439-92-1	ppm-Al	9	9	100	7,070	14,700	--	--	9,500	9,500	2,580	2,580	9,220	8,490	N/G/Ln	N/G/Ln
Magnesium	7439-95-4	ppm-Al	9	9	100	490,000	850,000	--	--	651,000	651,000	101,000	101,000	644,000	644,000	N/G/Ln	N/G/Ln
Manganese	7439-96-5	ppm-Al	9	9	100	26,500	33,300	--	--	30,200	30,200	2,560	2,560	30,100	28,800	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm-Al	7	7	100	102	227	--	--	145	145	41.4	41.4	140	137	--	--
Nickel	7440-02-0	ppm-Al	9	9	100	2,170	6,460	--	--	3,530	3,530	1,300	1,300	3,350	3,020	N/G/Ln	N/G/Ln
Potassium	7440-09-7	ppm-Al	9	9	100	211,000	312,000	--	--	263,000	263,000	38,500	38,500	260,000	254,000	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Al	9	5	56	88.4	158	60.5	138	83.9	103	41.0	23.2	74.3	88.4	N/G/Ln	N/Ln
Silver	7440-22-4	ppm-Al	9	9	100	108	335	--	--	195	195	68.3	68.3	185	181	N/G/Ln	N/G/Ln
Sodium	7440-23-5	ppm-Al	9	9	100	516,000	826,000	--	--	647,000	647,000	117,000	117,000	638,000	611,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Al	9	4	44	67.6	650	65.3	114	179	--	237	--	92.7	57.0	--	--
Vanadium	7440-62-2	ppm-Al	9	9	100	2,380	2,900	--	--	2,680	2,680	152	152	2,680	2,700	N/G/Ln	N/G/Ln
Zinc	7440-66-6	ppm-Al	9	9	100	13,300	23,600	--	--	16,300	16,300	3,350	3,350	16,000	15,100	Ln	Ln
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	10	4	40	425	628	48.4	68.1	216	--	250	--	85.5	30.0	--	--
Arsenic	7440-38-2	ppm-Al	10	10	100	531	2,560	--	--	1,520	1,520	800	800	1,320	1,210	N/G/Ln	N/G/Ln
Barium	7440-39-3	ppm-Al	10	10	100	2,700	14,900	--	--	9,930	9,930	4,610	4,610	8,560	12,100	N	N
Beryllium	7440-41-7	ppm-Al	10	10	100	48.3	70.3	--	--	59.9	59.9	6.2	6.2	59.6	59.5	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Al	10	9	90	16.8	673	9.6	9.6	273	275	251	237	122	198	N/G/Ln	N/G/Ln
Calcium	7440-70-2	ppm-Al	10	10	100	160,000	10,400,000	--	--	1,650,000	1,650,000	3,130,000	3,130,000	696,000	494,000	Ln	Ln
Chromium	7440-47-3	ppm-Al	10	10	100	2,000	31,200	--	--	13,600	13,600	10,900	10,900	8,940	9,650	N/G/Ln	N/G/Ln
Cobalt	7440-48-4	ppm-Al	10	10	100	692	1,250	--	--	904	904	199	199	886	797	N/G/Ln	N/G/Ln

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Copper	7440-50-8	ppm-Al	10	10	100	944	27,100	--	--	12,800	12,800	9,850	9,850	7,550	11,700	N/G	N/G
Iron	7439-89-6	ppm-Al	10	10	100	2,000,000	2,530,000	--	--	2,250,000	2,250,000	173,000	173,000	2,240,000	2,230,000	N/G/Ln	N/G/Ln
Lead	7439-92-1	ppm-Al	10	10	100	877	30,600	--	--	14,000	14,000	11,200	11,200	7,930	12,000	N/G	N/G
Magnesium	7439-95-4	ppm-Al	10	10	100	480,000	612,000	--	--	562,000	562,000	48,500	48,500	560,000	584,000	N/G/Ln	N/G/Ln
Manganese	7439-96-5	ppm-Al	10	10	100	24,700	64,500	--	--	34,600	34,600	11,500	11,500	33,300	34,700	NP	NP
Mercury	7439-97-6	ppm-Al	6	5	83	5.5	340	2.8	2.8	130	--	129	--	43.3	122	--	--
Nickel	7440-02-0	ppm-Al	10	10	100	1,500	4,740	--	--	3,010	3,010	1,090	1,090	2,810	2,950	N/G/Ln	N/G/Ln
Potassium	7440-09-7	ppm-Al	10	10	100	190,000	311,000	--	--	249,000	249,000	48,100	48,100	245,000	254,000	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Al	10	6	60	64.5	146	67.1	143	89.8	98.2	41.9	33.9	80.6	74.8	N/G/Ln	N/G/Ln
Silver	7440-22-4	ppm-Al	10	7	70	164	558	16.8	27.3	266	313	214	151	120	267	N/G/Ln	N/Ln
Sodium	7440-23-5	ppm-Al	10	10	100	441,000	810,000	--	--	596,000	596,000	133,000	133,000	583,000	585,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Al	10	4	40	535	641	78.1	121	256	--	274	--	124	53.0	--	--
Vanadium	7440-62-2	ppm-Al	10	10	100	2,240	3,250	--	--	2,840	2,840	360	360	2,820	2,900	N/G/Ln	N/G/Ln
Zinc	7440-66-6	ppm-Al	10	10	100	4,620	50,600	--	--	23,900	23,900	17,200	17,200	17,400	19,000	N/G/Ln	N/G/Ln
Subsurface (>3.5 ft bss)																	
Metals																	
Antimony	7440-36-0	ppm-Al	4	4	100	592	886	--	--	711	711	124	124	704	684	--	--
Arsenic	7440-38-2	ppm-Al	4	4	100	2,830	3,900	--	--	3,530	3,530	477	477	3,500	3,700	--	--
Barium	7440-39-3	ppm-Al	4	4	100	13,400	19,300	--	--	15,600	15,600	2,570	2,570	15,400	14,800	--	--
Beryllium	7440-41-7	ppm-Al	4	4	100	61.6	68.0	--	--	65.2	65.2	2.9	2.9	65.2	65.6	--	--
Cadmium	7440-43-9	ppm-Al	4	4	100	432	659	--	--	532	532	115	115	523	519	--	--
Calcium	7440-70-2	ppm-Al	4	4	100	390,000	517,000	--	--	428,000	428,000	60,500	60,500	425,000	403,000	--	--
Chromium	7440-47-3	ppm-Al	4	4	100	28,600	43,700	--	--	35,100	35,100	6,430	6,430	34,700	34,100	--	--
Cobalt	7440-48-4	ppm-Al	4	4	100	1,110	1,180	--	--	1,140	1,140	28.7	28.7	1,140	1,140	--	--
Copper	7440-50-8	ppm-Al	4	4	100	17,600	27,000	--	--	21,600	21,600	4,350	4,350	21,300	20,900	--	--
Iron	7439-89-6	ppm-Al	4	4	100	2,370,000	2,480,000	--	--	2,440,000	2,440,000	49,900	49,900	2,440,000	2,450,000	--	--
Lead	7439-92-1	ppm-Al	4	4	100	16,600	25,100	--	--	21,100	21,100	4,690	4,690	20,700	21,300	--	--
Magnesium	7439-95-4	ppm-Al	4	4	100	582,000	629,000	--	--	599,000	599,000	21,100	21,100	598,000	592,000	--	--
Manganese	7439-96-5	ppm-Al	4	4	100	26,700	32,900	--	--	29,300	29,300	3,000	3,000	29,200	28,900	--	--
Nickel	7440-02-0	ppm-Al	4	4	100	3,560	4,460	--	--	4,020	4,020	368	368	4,000	4,020	--	--
Potassium	7440-09-7	ppm-Al	4	4	100	187,000	198,000	--	--	193,000	193,000	4,690	4,690	193,000	194,000	--	--
Selenium	7782-49-2	ppm-Al	4	4	100	118	187	--	--	140	140	31.8	31.8	137	127	--	--
Silver	7440-22-4	ppm-Al	4	4	100	320	553	--	--	427	427	115	115	416	418	--	--
Thallium	7440-28-0	ppm-Al	4	4	100	573	610	--	--	592	592	16.5	16.5	592	592	--	--
Zinc	7440-66-6	ppm-Al	4	4	100	33,100	54,900	--	--	42,400	42,400	9,470	9,470	41,600	40,800	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	9	9	100	422,000	516,000	--	--	468,000	468,000	28,600	28,600	467,000	467,000	N/G/Ln	N/G/Ln
Antimony	7440-36-0	ppm-Fe	9	3	33	26.8	119	19.6	31.0	35.6	--	42.7	--	21.6	14.4	--	--
Arsenic	7440-38-2	ppm-Fe	9	9	100	400	920	--	--	561	561	209	209	532	478	G	G
Barium	7440-39-3	ppm-Fe	9	9	100	2,920	5,940	--	--	4,350	4,350	934	934	4,260	4,220	N/G/Ln	N/G/Ln
Beryllium	7440-41-7	ppm-Fe	9	9	100	24.3	32.2	--	--	28.4	28.4	3.3	3.3	28.3	29.0	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Fe	9	9	100	31.6	84.1	--	--	48.2	48.2	15.8	15.8	46.2	44.4	N/G/Ln	N/G/Ln
Calcium	7440-70-2	ppm-Fe	9	9	100	97,300	368,000	--	--	257,000	257,000	102,000	102,000	236,000	246,000	N/G/Ln	N/G/Ln
Chromium	7440-47-3	ppm-Fe	9	9	100	2,810	6,110	--	--	4,100	4,100	1,130	1,130	3,970	3,610	N/G/Ln	N/G/Ln
Cobalt	7440-48-4	ppm-Fe	9	9	100	323	454	--	--	385	385	42.2	42.2	383	379	N/G/Ln	N/G/Ln
Copper	7440-50-8	ppm-Fe	9	9	100	3,070	5,930	--	--	4,180	4,180	857	857	4,100	4,120	N/G/Ln	N/G/Ln
Lead	7439-92-1	ppm-Fe	9	9	100	3,430	6,190	--	--	4,390	4,390	938	938	4,310	4,000	N/G/Ln	N/G/Ln
Magnesium	7439-95-4	ppm-Fe	9	9	100	227,000	439,000	--	--	306,000	306,000	61,200	61,200	301,000	286,000	N/G/Ln	N/G/Ln
Manganese	7439-96-5	ppm-Fe	9	9	100	12,100	16,200	--	--	14,200	14,200	1,610	1,610	14,100	14,600	N/G/Ln	N/G/Ln
Mercury	7439-97-6	ppm-Fe	7	7	100	52.6	110	--	--	69.2	69.2	19.5	19.5	67.2	63.3	--	--
Nickel	7440-02-0	ppm-Fe	9	9	100	1,010	3,330	--	--	1,670	1,670	715	715	1,570	1,370	G/Ln	G/Ln
Potassium	7440-09-7	ppm-Fe	9	9	100	93,800	156,000	--	--	124,000	124,000	24,600	24,600	122,000	118,000	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Fe	9	5	56	40.5	73.3	29.4	63.4	38.9	47.4	18.3	10.1	34.7	40.5	N/G/Ln	N/Ln
Silver	7440-22-4	ppm-Fe	9	9	100	50.0	142	--	--	89.8	89.8	26.4	26.4	86.4	87.9	N/G/Ln	N/G/Ln
Sodium	7440-23-5	ppm-Fe	9	9	100	251,000	373,000	--	--	302,000	302,000	49,800	49,800	298,000	281,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Fe	9	4	44	32.6	274	33.7	52.2	78.4	--	99.8	--	43.3	26.1	--	--
Vanadium	7440-62-2	ppm-Fe	9	9	100	1,100	1,400	--	--	1,260	1,260	119	119	1,250	1,280	N/G/Ln	N/G/Ln
Zinc	7440-66-6	ppm-Fe	9	9	100	6,830	9,960	--	--	7,550	7,550	1,070	1,070	7,490	7,300	NP	NP
Mid-depth (0.5 - 3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	10	10	100	395,000	500,000	--	--	448,000	448,000	34,200	34,200	447,000	449,000	N/G/Ln	N/G/Ln
Antimony	7440-36-0	ppm-Fe	10	4	40	174	248	22.8	30.1	90.4	--	102	--	38.2	14.0	--	--
Arsenic	7440-38-2	ppm-Fe	10	10	100	266	1,030	--	--	658	658	308	308	591	552	N/G/Ln	N/G/Ln
Barium	7440-39-3	ppm-Fe	10	10	100	1,350	5,990	--	--	4,340	4,340	1,870	1,870	3,830	5,190	NP	NP
Beryllium	7440-41-7	ppm-Fe	10	10	100	23.2	33.1	--	--	26.8	26.8	3.5	3.5	26.6	25.3	N/G/Ln	N/G/Ln
Cadmium	7440-43-9	ppm-Fe	10	9	90	8.4	266	4.6	4.6	116	116	102	96.1	54.8	89.8	N/G/Ln	N/Ln
Calcium	7440-70-2	ppm-Fe	10	10	100	80,100	4,920,000	--	--	772,000	772,000	1,480,000	1,480,000	311,000	210,000	Ln	Ln
Chromium	7440-47-3	ppm-Fe	10	10	100	948	12,300	--	--	5,780	5,780	4,390	4,390	3,990	4,380	N/G/Ln	N/G/Ln
Cobalt	7440-48-4	ppm-Fe	10	10	100	344	493	--	--	399	399	58.4	58.4	395	365	NP	NP

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Copper	7440-50-8	ppm-Fe	10	10	100	461	10,700	--	--	5,450	5,450	3,970	3,970	3,380	5,230	N/G	N/G
Lead	7439-92-1	ppm-Fe	10	10	100	416	12,100	--	--	5,970	5,970	4,560	4,560	3,540	5,450	N/G	N/G
Magnesium	7439-95-4	ppm-Fe	10	10	100	238,000	277,000	--	--	251,000	251,000	16,000	16,000	250,000	243,000	NP	NP
Manganese	7439-96-5	ppm-Fe	10	10	100	10,800	30,600	--	--	15,700	15,700	5,990	5,990	14,900	15,500	G/Ln	G/Ln
Mercury	7439-97-6	ppm-Fe	6	5	83	2.6	150	1.4	1.4	59.1	--	57.1	--	20.3	56.4	--	--
Nickel	7440-02-0	ppm-Fe	10	10	100	748	1,870	--	--	1,310	1,310	393	393	1,250	1,340	N/G/Ln	N/G/Ln
Potassium	7440-09-7	ppm-Fe	10	10	100	78,400	149,000	--	--	113,000	113,000	28,100	28,100	110,000	119,000	N/G/Ln	N/G/Ln
Selenium	7782-49-2	ppm-Fe	10	6	60	30.8	60.0	31.8	63.1	39.1	43.2	15.9	12.0	36.0	34.2	N/G/Ln	N/G/Ln
Silver	7440-22-4	ppm-Fe	10	7	70	77.2	220	8.0	13.6	113	135	87.2	57.0	53.5	120	N/G/Ln	N/Ln
Sodium	7440-23-5	ppm-Fe	10	10	100	207,000	321,000	--	--	263,000	263,000	39,600	39,600	260,000	262,000	N/G/Ln	N/G/Ln
Thallium	7440-28-0	ppm-Fe	10	4	40	224	264	36.8	53.4	108	--	112	--	55.5	24.7	--	--
Vanadium	7440-62-2	ppm-Fe	10	10	100	1,120	1,430	--	--	1,260	1,260	105	105	1,260	1,280	N/G/Ln	N/G/Ln
Zinc	7440-66-6	ppm-Fe	10	10	100	2,280	20,000	--	--	10,200	10,200	6,850	6,850	7,760	8,610	N/G/Ln	N/G/Ln
Subsurface (>3.5 ft bss)																	
Metals																	
Aluminum	7429-90-5	ppm-Fe	4	4	100	404,000	422,000	--	--	411,000	411,000	8,300	8,300	411,000	409,000	--	--
Antimony	7440-36-0	ppm-Fe	4	4	100	250	359	--	--	292	292	47.0	47.0	289	279	--	--
Arsenic	7440-38-2	ppm-Fe	4	4	100	1,170	1,580	--	--	1,450	1,450	192	192	1,440	1,530	--	--
Barium	7440-39-3	ppm-Fe	4	4	100	5,640	7,800	--	--	6,390	6,390	963	963	6,330	6,050	--	--
Beryllium	7440-41-7	ppm-Fe	4	4	100	26.0	27.6	--	--	26.8	26.8	0.90	0.90	26.8	26.8	--	--
Cadmium	7440-43-9	ppm-Fe	4	4	100	176	266	--	--	218	218	45.5	45.5	214	215	--	--
Calcium	7440-70-2	ppm-Fe	4	4	100	161,000	209,000	--	--	176,000	176,000	22,400	22,400	175,000	167,000	--	--
Chromium	7440-47-3	ppm-Fe	4	4	100	12,100	17,700	--	--	14,400	14,400	2,450	2,450	14,300	13,900	--	--
Cobalt	7440-48-4	ppm-Fe	4	4	100	461	478	--	--	470	470	6.9	6.9	470	470	--	--
Copper	7440-50-8	ppm-Fe	4	4	100	7,430	10,900	--	--	8,860	8,860	1,680	1,680	8,740	8,550	--	--
Lead	7439-92-1	ppm-Fe	4	4	100	7,020	10,400	--	--	8,660	8,660	1,890	1,890	8,510	8,620	--	--
Magnesium	7439-95-4	ppm-Fe	4	4	100	238,000	254,000	--	--	246,000	246,000	6,530	6,530	246,000	246,000	--	--
Manganese	7439-96-5	ppm-Fe	4	4	100	10,800	13,300	--	--	12,100	12,100	1,280	1,280	12,000	12,100	--	--
Nickel	7440-02-0	ppm-Fe	4	4	100	1,500	1,800	--	--	1,650	1,650	123	123	1,640	1,640	--	--
Potassium	7440-09-7	ppm-Fe	4	4	100	78,900	80,000	--	--	79,300	79,300	483	483	79,300	79,200	--	--
Selenium	7782-49-2	ppm-Fe	4	4	100	48.7	75.7	--	--	57.4	57.4	12.4	12.4	56.5	52.5	--	--
Silver	7440-22-4	ppm-Fe	4	4	100	135	224	--	--	175	175	45.8	45.8	171	171	--	--
Sodium	7440-23-5	ppm-Fe	4	4	100	242,000	289,000	--	--	272,000	272,000	21,100	21,100	271,000	278,000	--	--
Thallium	7440-28-0	ppm-Fe	4	4	100	231	247	--	--	243	243	8.0	8.0	243	247	--	--
Vanadium	7440-62-2	ppm-Fe	4	4	100	1,470	1,650	--	--	1,560	1,560	74.6	74.6	1,560	1,570	--	--
Zinc	7440-66-6	ppm-Fe	4	4	100	14,000	22,200	--	--	17,400	17,400	3,670	3,670	17,100	16,600	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Surface (0 - 0.5 ft bss)																	
Pesticides																	
2,4'-DDD	53-19-0	ppb-TOC	9	9	100	120	390	--	--	270	270	88	88	260	300	N/G/Ln	N/G/Ln
2,4'-DDE	3424-82-6	ppb-TOC	9	9	100	92	720	--	--	320	320	200	200	270	280	N/G/Ln	N/G/Ln
2,4'-DDT	789-02-6	ppb-TOC	9	5	56	3.8	2,100	3.7	8.6	240	240	700	660	10.0	4.3	Ln	N/G/Ln
4,4'-DDD	72-54-8	ppb-TOC	9	9	100	380	1,200	--	--	730	730	250	250	690	720	N/G/Ln	N/G/Ln
4,4'-DDE	72-55-9	ppb-TOC	9	9	100	400	1,900	--	--	1,100	1,100	540	540	990	930	N/G/Ln	N/G/Ln
4,4'-DDT	50-29-3	ppb-TOC	9	9	100	15	510	--	--	120	120	180	180	55	43	Ln	Ln
Aldrin	309-00-2	ppb-TOC	9	9	100	0.67	20	--	--	8.8	8.8	6.5	6.5	5.7	10	N/G/Ln	N/G/Ln
Alpha-BHC	319-84-6	ppb-TOC	9	9	100	1.3	6.5	--	--	3.7	3.7	1.8	1.8	3.2	3.4	N/G/Ln	N/G/Ln
Alpha-Chlordane	5103-71-9	ppb-TOC	9	8	89	65	260	100	100	120	130	74	67	110	110	N/G/Ln	G/Ln
Beta-BHC	319-85-7	ppb-TOC	9	9	100	1.3	7.8	--	--	3.6	3.6	2.3	2.3	3.1	2.8	N/G/Ln	N/G/Ln
Dieldrin	60-57-1	ppb-TOC	9	9	100	22	350	--	--	99	99	100	100	70	60	G/Ln	G/Ln
Endosulfan I	959-98-8	ppb-TOC	9	0	0	--	--	4.2	64	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb-TOC	9	0	0	--	--	3.5	64	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb-TOC	9	0	0	--	--	0.50	64	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb-TOC	9	0	0	--	--	2.8	64	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb-TOC	9	0	0	--	--	2.8	64	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb-TOC	9	0	0	--	--	2.7	64	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	9	6	67	0.43	3.8	0.68	1.2	1.2	1.2	1.1	1.1	0.86	0.60	N/G/Ln	G/Ln
Heptachlor	76-44-8	ppb-TOC	9	4	44	0.35	0.73	0.92	4.2	0.72	--	0.53	--	0.63	0.55	--	--
Heptachlor Epoxide	1024-57-3	ppb-TOC	9	4	44	0.90	5.1	0.80	64	7.7	--	12	--	2.6	2.5	--	--
Hexachlorobenzene	118-74-1	ppb-TOC	9	9	100	24	170	--	--	85	85	48	48	72	76	N/G/Ln	N/G/Ln
Methoxychlor	72-43-5	ppb-TOC	9	0	0	--	--	20	250	--	--	--	--	--	--	--	--
Total DDT (4,4)	No CAS	ppb-TOC	9	9	100	800	3,600	--	--	2,000	2,000	840	840	1,800	2,000	N/G/Ln	N/G/Ln
Semivolatiles																	
2-Methylnaphthalene	91-57-6	ppb-TOC	7	7	100	3,500	9,700	--	--	6,700	6,700	2,500	2,500	6,300	7,800	--	--
Acenaphthene	83-32-9	ppb-TOC	9	9	100	1,300	2,900	--	--	2,200	2,200	550	550	2,100	2,300	N/G/Ln	N/G/Ln
Acenaphthylene	208-96-8	ppb-TOC	9	9	100	2,900	9,100	--	--	5,000	5,000	2,200	2,200	4,600	4,000	N/G/Ln	N/G/Ln
Anthracene	120-12-7	ppb-TOC	9	9	100	5,600	21,000	--	--	12,000	12,000	5,000	5,000	11,000	11,000	N/G/Ln	N/G/Ln
Benzo(a)anthracene	56-55-3	ppb-TOC	9	9	100	17,000	38,000	--	--	26,000	26,000	7,000	7,000	25,000	26,000	N/G/Ln	N/G/Ln
Benzo(a)pyrene	50-32-8	ppb-TOC	9	9	100	23,000	72,000	--	--	41,000	41,000	15,000	15,000	39,000	40,000	N/G/Ln	N/G/Ln
Benzo(b)fluoranthene	205-99-2	ppb-TOC	7	7	100	27,000	53,000	--	--	37,000	37,000	9,400	9,400	36,000	37,000	--	--
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	9	9	100	14,000	41,000	--	--	24,000	24,000	8,700	8,700	23,000	22,000	N/G/Ln	N/G/Ln
Benzo(k)fluoranthene	207-08-9	ppb-TOC	7	7	100	9,800	31,000	--	--	19,000	19,000	9,300	9,300	17,000	16,000	--	--
Biphenyl	92-52-4	ppb-TOC	9	9	100	1,100	3,900	--	--	2,300	2,300	960	960	2,100	2,000	N/G/Ln	N/G/Ln
Chrysene	218-01-9	ppb-TOC	9	9	100	16,000	53,000	--	--	32,000	32,000	12,000	12,000	30,000	30,000	N/G/Ln	N/G/Ln
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	9	9	100	2,800	13,000	--	--	6,500	6,500	3,000	3,000	5,900	6,200	N/G/Ln	N/G/Ln
Fluoranthene	206-44-0	ppb-TOC	9	9	100	1,200	38,000	--	--	30,000	30,000	11,000	11,000	23,000	33,000	NP	NP
Fluorene	86-73-7	ppb-TOC	9	9	100	1,600	5,300	--	--	3,200	3,200	1,400	1,400	3,000	3,000	N/G/Ln	N/G/Ln

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	9	9	100	15,000	33,000	--	--	22,000	22,000	6,500	6,500	21,000	19,000	Ln	Ln
Naphthalene	91-20-3	ppb-TOC	9	9	100	8,000	26,000	--	--	16,000	16,000	6,300	6,300	15,000	18,000	N/G/Ln	N/G/Ln
Phenanthrene	85-01-8	ppb-TOC	9	9	100	9,700	22,000	--	--	16,000	16,000	4,300	4,300	15,000	17,000	N/G/Ln	N/G/Ln
Pyrene	129-00-0	ppb-TOC	9	9	100	33,000	92,000	--	--	51,000	51,000	19,000	19,000	49,000	46,000	N/G/Ln	N/G/Ln
Total HMW PAHs-SVOC	No CAS	ppb-TOC	7	7	100	160,000	460,000	--	--	290,000	290,000	97,000	97,000	280,000	270,000	--	--
Total LMW PAHs-SVOC	No CAS	ppb-TOC	7	7	100	38,000	92,000	--	--	63,000	63,000	19,000	19,000	60,000	65,000	--	--
TOTAL PAHs - SVOC	No CAS	ppb-TOC	7	7	100	200,000	530,000	--	--	350,000	350,000	110,000	110,000	330,000	320,000	--	--
Mid-depth (0.5 - 3.5 ft bss)																	
Pesticides																	
2,4'-DDD	53-19-0	ppb-TOC	10	9	90	17	290	1.8	1.8	160	160	120	110	77	170	N/G	N
2,4'-DDE	3424-82-6	ppb-TOC	10	9	90	39	500	2.3	2.3	280	280	210	190	130	320	NP	N
2,4'-DDT	789-02-6	ppb-TOC	10	5	50	1.6	32	3.5	7.7	11	10	12	12	5.8	3.5	N/G	NP
4,4'-DDD	72-54-8	ppb-TOC	10	9	90	64	730	2.3	2.3	410	410	280	260	200	480	N/G	N
4,4'-DDE	72-55-9	ppb-TOC	10	9	90	120	2,700	6.4	6.4	1,100	1,100	900	840	470	1,000	N/G/Ln	N/Ln
4,4'-DDT	50-29-3	ppb-TOC	10	7	70	15	470	3.6	5.7	71	75	140	130	20	32	Ln	Ln
Aldrin	309-00-2	ppb-TOC	10	7	70	0.55	24	2.6	14	5.2	4.7	7.2	6.9	2.7	1.7	G/Ln	G/Ln
Alpha-BHC	319-84-6	ppb-TOC	10	8	80	0.65	7.0	0.69	0.76	3.2	3.3	2.7	2.5	2.0	2.5	N/G/Ln	N
Alpha-Chlordane	5103-71-9	ppb-TOC	10	8	80	36	440	4.7	6.1	170	170	170	150	63	69	N/G/Ln	N/Ln
Beta-BHC	319-85-7	ppb-TOC	10	8	80	0.41	5.3	0.76	0.83	2.4	2.5	2.0	1.9	1.5	2.2	N/G/Ln	N/G/Ln
Dieldrin	60-57-1	ppb-TOC	10	8	80	20	310	6.9	11	110	110	120	110	49	46	N/G/Ln	N/Ln
Endosulfan I	959-98-8	ppb-TOC	10	0	0	--	--	7.6	58	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb-TOC	10	0	0	--	--	1.0	58	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb-TOC	10	0	0	--	--	0.55	58	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb-TOC	10	0	0	--	--	4.0	58	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb-TOC	10	0	0	--	--	2.6	58	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb-TOC	10	0	0	--	--	2.8	58	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	10	6	60	0.34	2.2	0.49	0.98	1.1	1.1	0.79	0.76	0.81	1.0	N	NP
Heptachlor	76-44-8	ppb-TOC	10	6	60	0.30	1.4	0.29	1.5	0.62	0.62	0.38	0.37	0.52	0.55	N/G/Ln	N/Ln
Heptachlor Epoxide	1024-57-3	ppb-TOC	10	2	20	0.12	0.20	0.30	58	10	--	13	--	1.7	0.56	--	--
Hexachlorobenzene	118-74-1	ppb-TOC	10	10	100	5.7	130	--	--	60	60	48	48	39	41	N/G/Ln	N/G/Ln
Methoxychlor	72-43-5	ppb-TOC	10	4	40	5.0	10	21	52	13	--	7.0	--	11	11	--	--
Total DDT (4,4)	No CAS	ppb-TOC	10	9	90	180	3,500	6.4	6.4	1,500	1,600	1,200	1,100	670	1,700	N/G/Ln	N/Ln
Semivolatiles																	
2-Methylnaphthalene	91-57-6	ppb-TOC	6	6	100	140	7,100	--	--	3,000	3,000	2,800	2,800	1,600	2,100	--	--
Acenaphthene	83-32-9	ppb-TOC	10	10	100	69	4,500	--	--	2,000	2,000	1,500	1,500	1,200	1,800	N/G/Ln	N/G/Ln
Acenaphthylene	208-96-8	ppb-TOC	10	10	100	69	5,200	--	--	2,200	2,200	1,500	1,500	1,500	2,300	N/G	N/G
Anthracene	120-12-7	ppb-TOC	10	10	100	140	36,000	--	--	13,000	13,000	10,000	10,000	7,100	13,000	N/G	N/G
Benzo(a)anthracene	56-55-3	ppb-TOC	10	10	100	280	36,000	--	--	20,000	20,000	13,000	13,000	12,000	24,000	N	N
Benzo(a)pyrene	50-32-8	ppb-TOC	10	10	100	480	43,000	--	--	26,000	26,000	17,000	17,000	16,000	35,000	NP	NP
Benzo(b)fluoranthene	205-99-2	ppb-TOC	6	6	100	280	47,000	--	--	19,000	19,000	18,000	18,000	8,700	16,000	--	--

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	10	10	100	280	26,000	--	--	16,000	16,000	10,000	10,000	9,700	21,000	N	N
Benzo(k)fluoranthene	207-08-9	ppb-TOC	6	6	100	340	15,000	--	--	7,300	7,300	6,300	6,300	4,200	5,200	--	--
Biphenyl	92-52-4	ppb-TOC	10	10	100	210	3,300	--	--	2,100	2,100	1,100	1,100	1,600	2,500	N/G	N/G
Chrysene	218-01-9	ppb-TOC	10	10	100	340	45,000	--	--	25,000	25,000	17,000	17,000	14,000	31,000	N	N
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	10	10	100	69	7,300	--	--	3,800	3,800	2,700	2,700	2,200	4,500	N/G	N/G
Fluoranthene	206-44-0	ppb-TOC	10	10	100	620	73,000	--	--	38,000	38,000	27,000	27,000	23,000	35,000	N/G	N/G
Fluorene	86-73-7	ppb-TOC	10	10	100	140	5,700	--	--	2,900	2,900	2,000	2,000	1,800	3,400	N/G	N/G
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	10	10	100	210	30,000	--	--	16,000	16,000	11,000	11,000	9,200	18,000	N/G	N/G
Naphthalene	91-20-3	ppb-TOC	10	10	100	900	17,000	--	--	10,000	10,000	6,200	6,200	7,600	13,000	N	N
Phenanthrene	85-01-8	ppb-TOC	10	10	100	210	24,000	--	--	13,000	13,000	8,600	8,600	7,400	14,000	N/G	N/G
Pyrene	129-00-0	ppb-TOC	10	10	100	760	77,000	--	--	44,000	44,000	29,000	29,000	27,000	48,000	N/G	N/G
Total HMW PAHs-SVOC	No CAS	ppb-TOC	6	6	100	3,400	270,000	--	--	130,000	130,000	110,000	110,000	70,000	110,000	--	--
Total LMW PAHs-SVOC	No CAS	ppb-TOC	6	6	100	1,400	90,000	--	--	36,000	36,000	35,000	35,000	19,000	25,000	--	--
TOTAL PAHs - SVOC	No CAS	ppb-TOC	6	6	100	5,500	360,000	--	--	170,000	170,000	150,000	150,000	91,000	140,000	--	--
Subsurface (>3.5 ft bss)																	
Pesticides																	
2,4'-DDD	53-19-0	ppb-TOC	4	4	100	400	670	--	--	570	570	130	130	550	600	--	--
2,4'-DDE	3424-82-6	ppb-TOC	4	4	100	460	780	--	--	630	630	140	140	620	640	--	--
2,4'-DDT	789-02-6	ppb-TOC	4	2	50	22	26	0.010	0.010	12	--	14	--	0.35	11	--	--
4,4'-DDD	72-54-8	ppb-TOC	4	4	100	980	1,500	--	--	1,300	1,300	250	250	1,300	1,400	--	--
4,4'-DDE	72-55-9	ppb-TOC	4	4	100	2,000	2,300	--	--	2,200	2,200	140	140	2,200	2,300	--	--
4,4'-DDT	50-29-3	ppb-TOC	4	4	100	26	77	--	--	47	47	21	21	44	43	--	--
Aldrin	309-00-2	ppb-TOC	4	4	100	1.5	4.0	--	--	2.6	2.6	1.1	1.1	2.4	2.3	--	--
Alpha-BHC	319-84-6	ppb-TOC	4	4	100	3.4	5.7	--	--	4.8	4.8	1.0	1.0	4.7	5.0	--	--
Alpha-Chlordane	5103-71-9	ppb-TOC	4	4	100	240	430	--	--	360	360	89	89	350	380	--	--
Beta-BHC	319-85-7	ppb-TOC	4	1	25	4.4	4.4	0.010	0.040	1.1	--	2.2	--	0.039	0.013	--	--
Dieldrin	60-57-1	ppb-TOC	4	4	100	560	700,000	--	--	180,000	180,000	350,000	350,000	4,100	940	--	--
Endosulfan I	959-98-8	ppb-TOC	4	0	0	--	--	6.4	16,000	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	ppb-TOC	4	0	0	--	--	6.4	16,000	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	ppb-TOC	4	0	0	--	--	6.4	16,000	--	--	--	--	--	--	--	--
Endrin	72-20-8	ppb-TOC	4	0	0	--	--	6.4	16,000	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	ppb-TOC	4	0	0	--	--	6.4	16,000	--	--	--	--	--	--	--	--
Endrin Ketone	53494-70-5	ppb-TOC	4	0	0	--	--	6.4	16,000	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	58-89-9	ppb-TOC	4	4	100	1.9	4.4	--	--	3.1	3.1	1.1	1.1	2.9	3.0	--	--
Heptachlor	76-44-8	ppb-TOC	4	3	75	0.32	0.64	0.010	0.010	0.40	--	0.30	--	0.16	0.47	--	--
Heptachlor Epoxide	1024-57-3	ppb-TOC	4	2	50	0.60	540	45	49	150	--	260	--	21	24	--	--
Hexachlorobenzene	118-74-1	ppb-TOC	4	4	100	120	440	--	--	230	230	150	150	200	180	--	--
Methoxychlor	72-43-5	ppb-TOC	4	4	100	3.4	9,900	--	--	2,500	2,500	4,900	4,900	37	7.8	--	--
Total DDT (4,4)	No CAS	ppb-TOC	4	4	100	3,000	3,800	--	--	3,500	3,500	360	360	3,500	3,700	--	--

Table D-16
Summary Statistics
Newark Bay Study Area - CARP Data (Normalized)

Constituent[1]	CAS Number	Units	Sample Size			Detects Only		ND Detection Limits		Arithmetic Mean[2,3,4]		SD[2,3,4]		GM[5]	Median[2]	GOF Test[2,4,6]	
			Total	Detects	% FOD	Min	Max	Min	Max	1/2 DL	KM	1/2 DL	KM	1/2 DL	1/2 DL	Detects Only	ROS
Semivolatiles																	
Acenaphthene	83-32-9	ppb-TOC	4	4	100	4,900	7,500	--	--	6,000	6,000	1,200	1,200	5,900	5,700	--	--
Acenaphthylene	208-96-8	ppb-TOC	4	4	100	2,000	4,000	--	--	3,000	3,000	830	830	2,900	3,000	--	--
Anthracene	120-12-7	ppb-TOC	4	4	100	26,000	50,000	--	--	36,000	36,000	11,000	11,000	34,000	33,000	--	--
Benzo(a)anthracene	56-55-3	ppb-TOC	4	4	100	34,000	47,000	--	--	40,000	40,000	6,100	6,100	39,000	39,000	--	--
Benzo(a)pyrene	50-32-8	ppb-TOC	4	4	100	30,000	51,000	--	--	39,000	39,000	9,900	9,900	38,000	37,000	--	--
Benzo(g,h,i)perylene	191-24-2	ppb-TOC	4	4	100	16,000	28,000	--	--	22,000	22,000	5,900	5,900	21,000	22,000	--	--
Biphenyl	92-52-4	ppb-TOC	4	4	100	1,800	3,600	--	--	2,900	2,900	790	790	2,800	3,000	--	--
Chrysene	218-01-9	ppb-TOC	4	4	100	40,000	64,000	--	--	51,000	51,000	10,000	10,000	51,000	51,000	--	--
Dibenzo(a,h)anthracene	53-70-3	ppb-TOC	4	4	100	4,400	7,200	--	--	5,700	5,700	1,300	1,300	5,600	5,700	--	--
Fluoranthene	206-44-0	ppb-TOC	4	4	100	72,000	100,000	--	--	88,000	88,000	12,000	12,000	87,000	90,000	--	--
Fluorene	86-73-7	ppb-TOC	4	4	100	9,300	17,000	--	--	13,000	13,000	4,000	4,000	13,000	13,000	--	--
Indeno(1,2,3-cd)pyrene	193-39-5	ppb-TOC	4	4	100	17,000	32,000	--	--	24,000	24,000	7,200	7,200	23,000	24,000	--	--
Naphthalene	91-20-3	ppb-TOC	4	4	100	15,000	23,000	--	--	19,000	19,000	3,700	3,700	19,000	19,000	--	--
Phenanthrene	85-01-8	ppb-TOC	4	4	100	30,000	55,000	--	--	42,000	42,000	13,000	13,000	40,000	41,000	--	--
Pyrene	129-00-0	ppb-TOC	4	4	100	70,000	110,000	--	--	88,000	88,000	17,000	17,000	87,000	86,000	--	--

Abbreviations:

-- not applicable due to frequency of detection
1/2 DL = half the detection limit (e.g., sample reporting limit)
Al = Aluminum
CARP = Contaminant Assessment and Reduction Program
CAS = Chemical Abstracts Service
Fe = Iron
FOD = frequency of detection (detects / total)
ft bss = feet below sediment surface
GM = geometric mean
GOF = goodness-of-fit
HMW = high molecular weight
KM = Kaplan-Meier
LMW = low molecular weight
Max = maximum
Min = minimum
ND = nondetect
PAH = polycyclic aromatic hydrocarbon
PCB = polychlorinated biphenyls
ppb = parts per billiom
ppm = parts per milliom
ppt = parts per trillion
ROS = regression on ordered statistics
SD = standard deviation
SVOC = semivolatile organic compound
TOC = total organic carbon

Notes:

[1] Total concentrations are based on the sum of detected observations; therefore statistics for totals are based on detected observations.

[2] KM and GOF statistics generated using USEPA ProUCL (v. 4.1.01) software (USEPA, 2011). Remaining statistics generated in MS Access 2010.

[3] When FOD = 100%, the KM statistics are equal to the arithmetic mean and standard deviation of the full dataset.

[4] KM statistics and GOF results only reported for constituents with at least 8 total observations and 5 distinct detected observations (USEPA, 2010).

[5] The GM is a parameter that specifically defines a lognormal distribution and is equal to the anti-log of the mean of the log-transformed values. GM is generally not descriptive of the central tendency for data that are not lognormally distributed.

[6] Distribution assessed by GOF tests at 95% confidence level (α = 0.05) using ProUCL 4.1.01 Left-censored data are evaluated with both detects only and ROS methods (USEPA, 2010).
Normal (N): dataset follows a normal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Gamma (G): dataset follows a gamma distribution, according to the Kolmogorov-Smirnov test.
Lognormal (Ln): dataset follows a lognormal distribution, according to the Shapiro Wilks test (n≤50) or Lilliefors test (n>50).
Nonparametric (NP): dataset does not follow any of the three distributions noted above.

[7] Level = data usability levels. For information about these levels and their applicability, please refer to Section 3 of the report.

[8] This table presents data for each of the 18 select chemicals (where available) identified for focused evaluation in Section 4.3

[9] Organic compounds are normalized to TOC and inorganic compounds are normalized to aluminum.

Appendix E

Cumulative Frequency Plots

E-1 2,3,7,8-TCDD
E-2 Arsenic
E-3 Barium
E-4 Cadmium
E-5 Chromium
E-6 Copper
E-7 Lead
E-8 Mercury
E-9 Nickel
E-10 Silver
E-11 Zinc
E-12 Total Aroclor PCBs
E-13 Total Congener PCBs
E-14 Total Alpha + Gamma Chlordane
E-15 Total DDT (4,4')
E-16 BEHP
E-17 Total PAHs
E-18 TPH

Appendix E: Cumulative Frequency Plots

Notes:

1. This figure series presents Phase I and Phase II data for each of the 18 select chemicals identified for focused evaluation in Section 4.3.
2. Surface sediment data consists of samples from 0 to 0.5 ft bss; mid-depth data consist of samples from 0.5 to 3.5 ft bss; and subsurface data consist of samples >3.5 ft bss.
3. Non-detect samples for chemicals were included and shown on the cumulative frequency plots at the full detection limit.

Acronyms:

2, 3, 7, 8-TCDD = 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin
BEHP = bis (2-ethylheyxl) phthalate
DDT = dichlorodiphenyl-trichloroethane
ft bss = feet below sediment surface
PAH = polycyclic aromatic hydrocarbon
PCB = polychlorinated biphenyl
ppb = parts per billion
ppm = parts per million
ppt = parts per trillion
TPH = total petroleum hydrocarbons

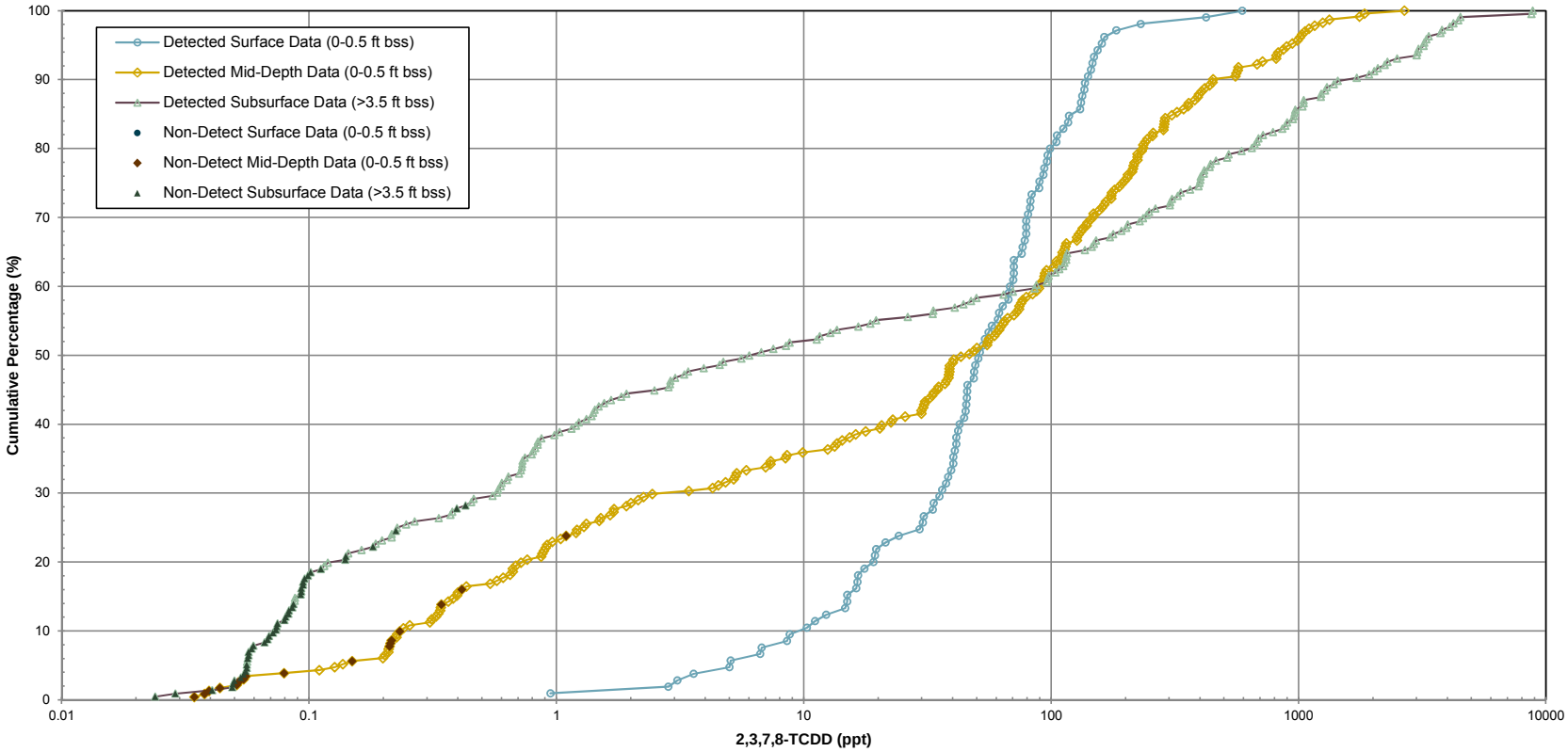

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
0.01
0.1
1
10
100
1000
10000
2,3,7,8-TCDD (ppt)

Figure E-1

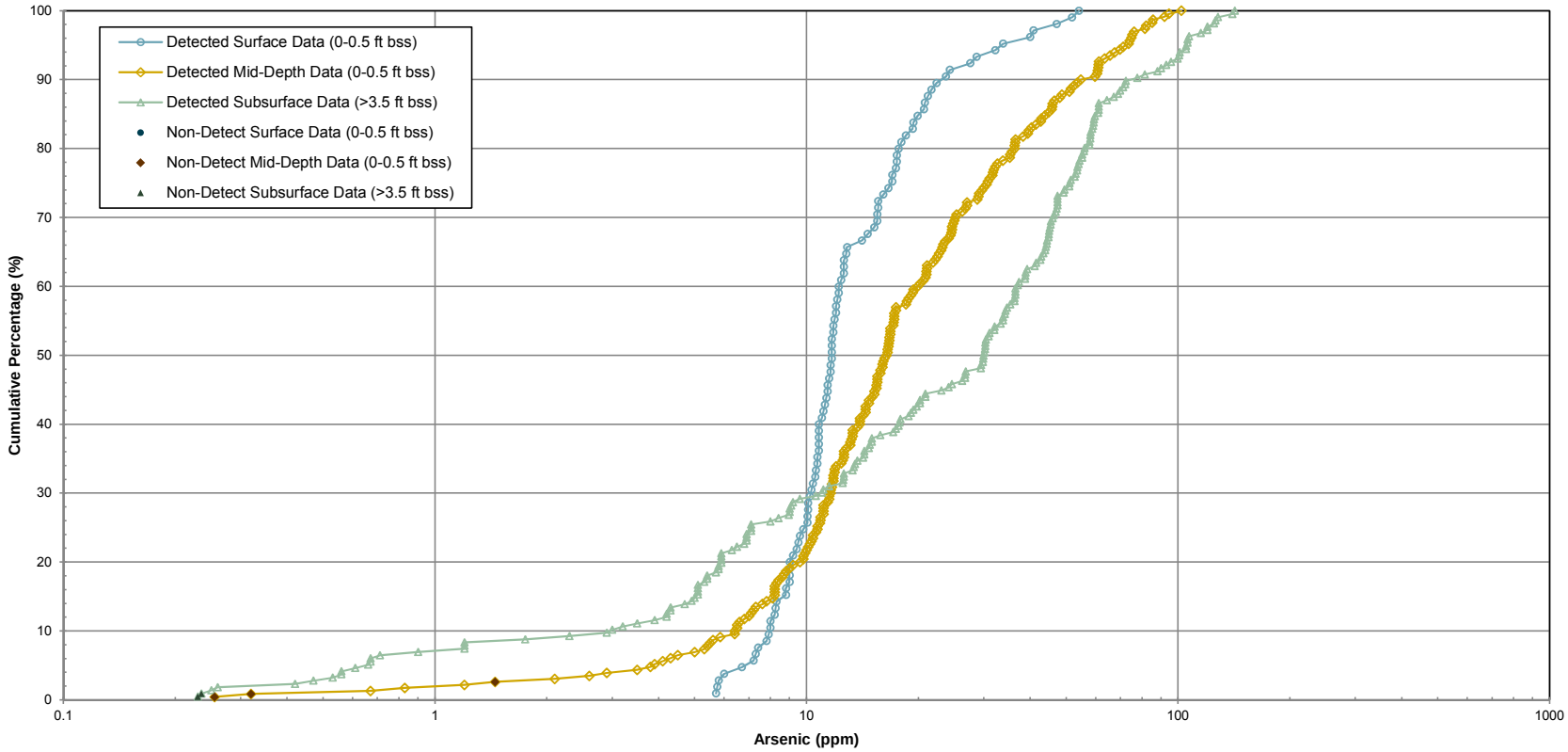

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
0.1
1
10
100
1000
Arsenic (ppm)

Figure E-2

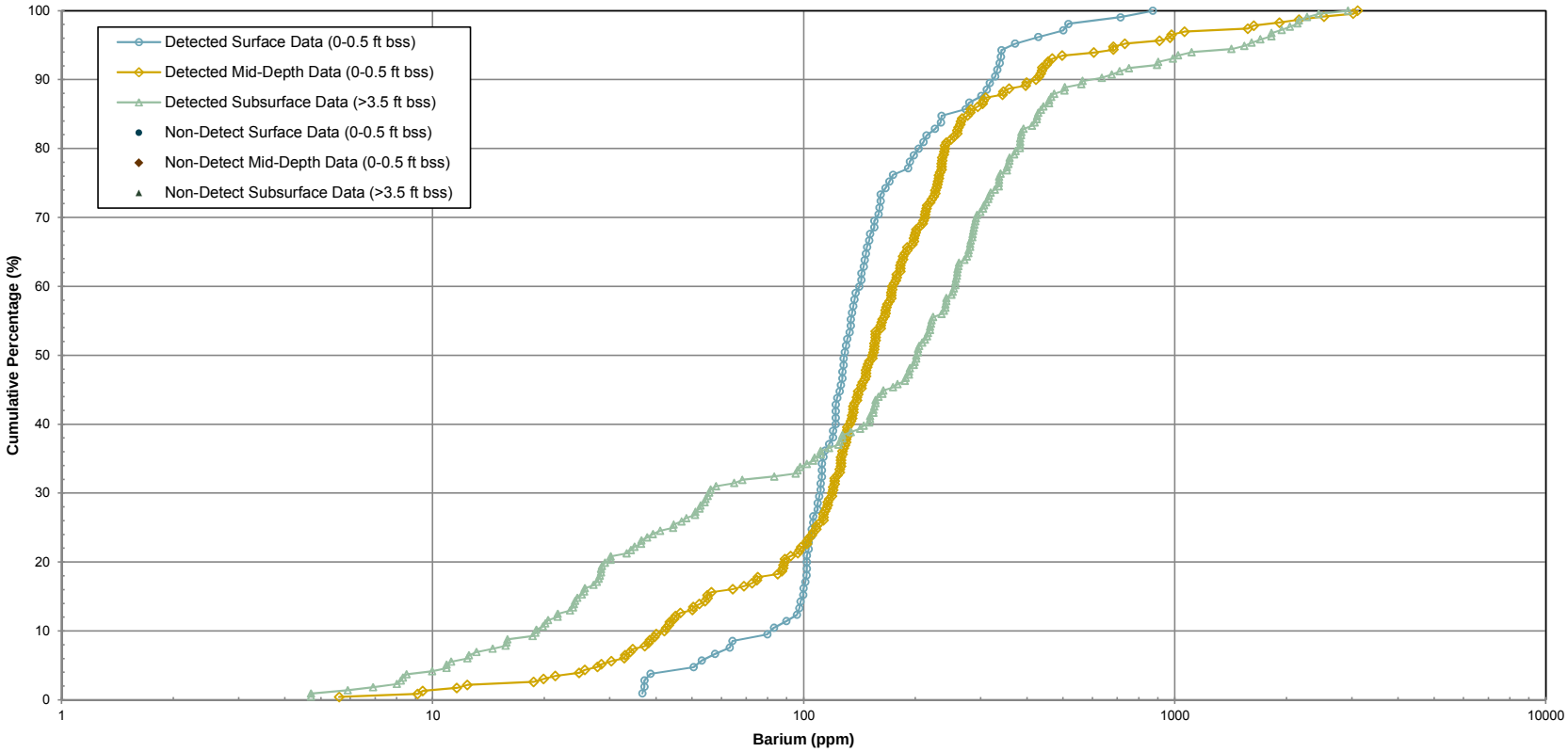

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
1
10
100
1000
10000
Barium (ppm)

Figure E-3

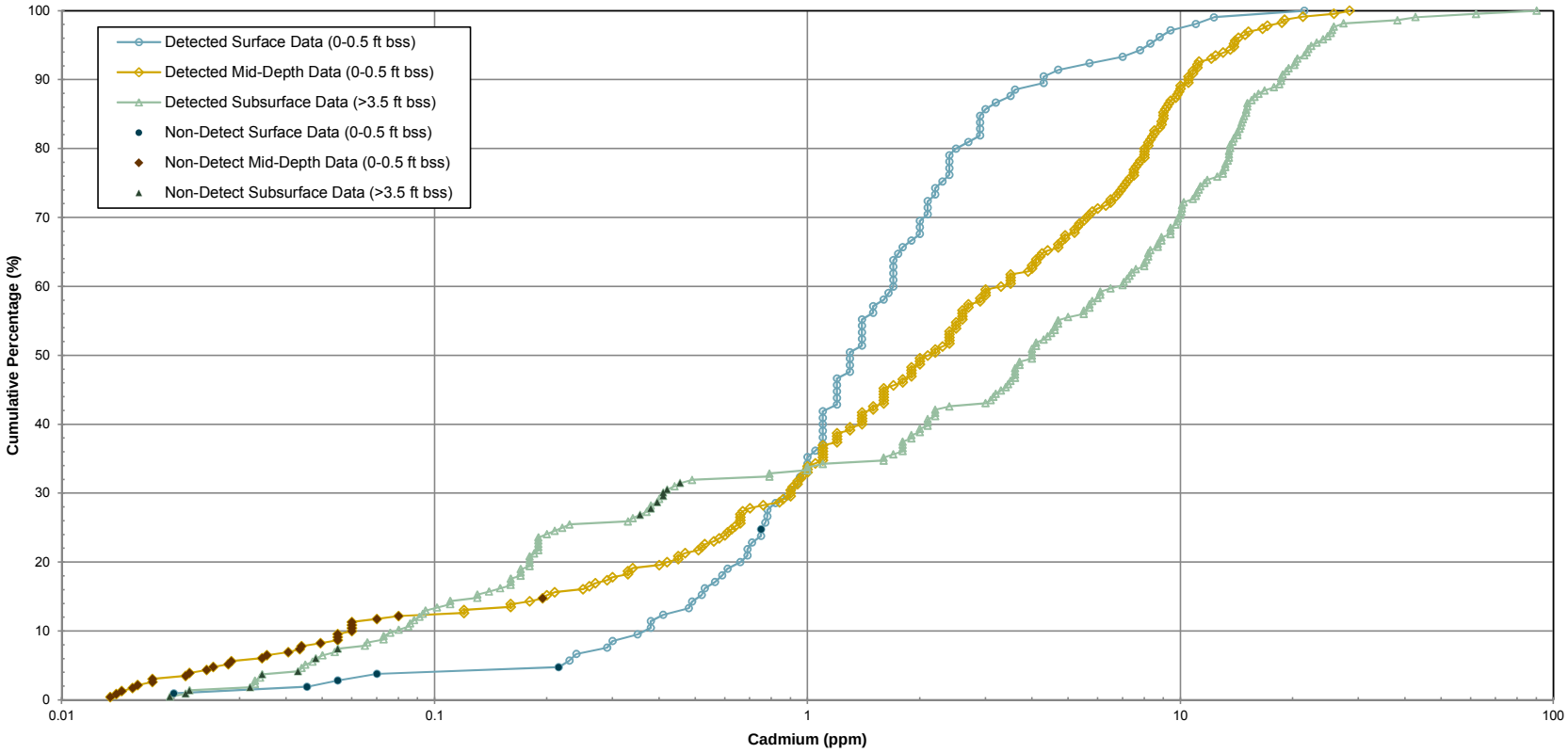

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
0.01
0.1
1
10
100
Cadmium (ppm)

Figure E-4

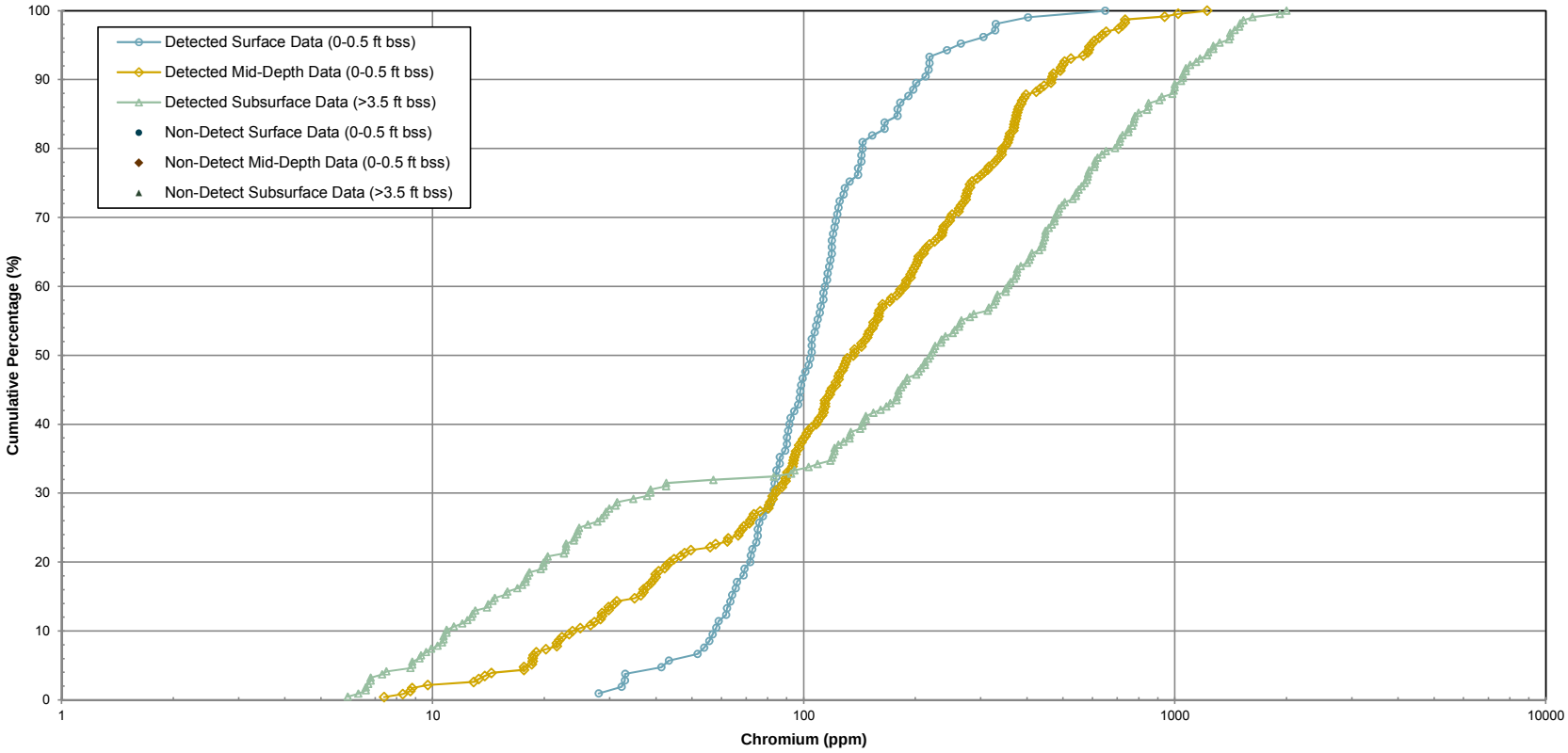

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
1
10
100
1000
10000
Chromium (ppm)

Figure E-5

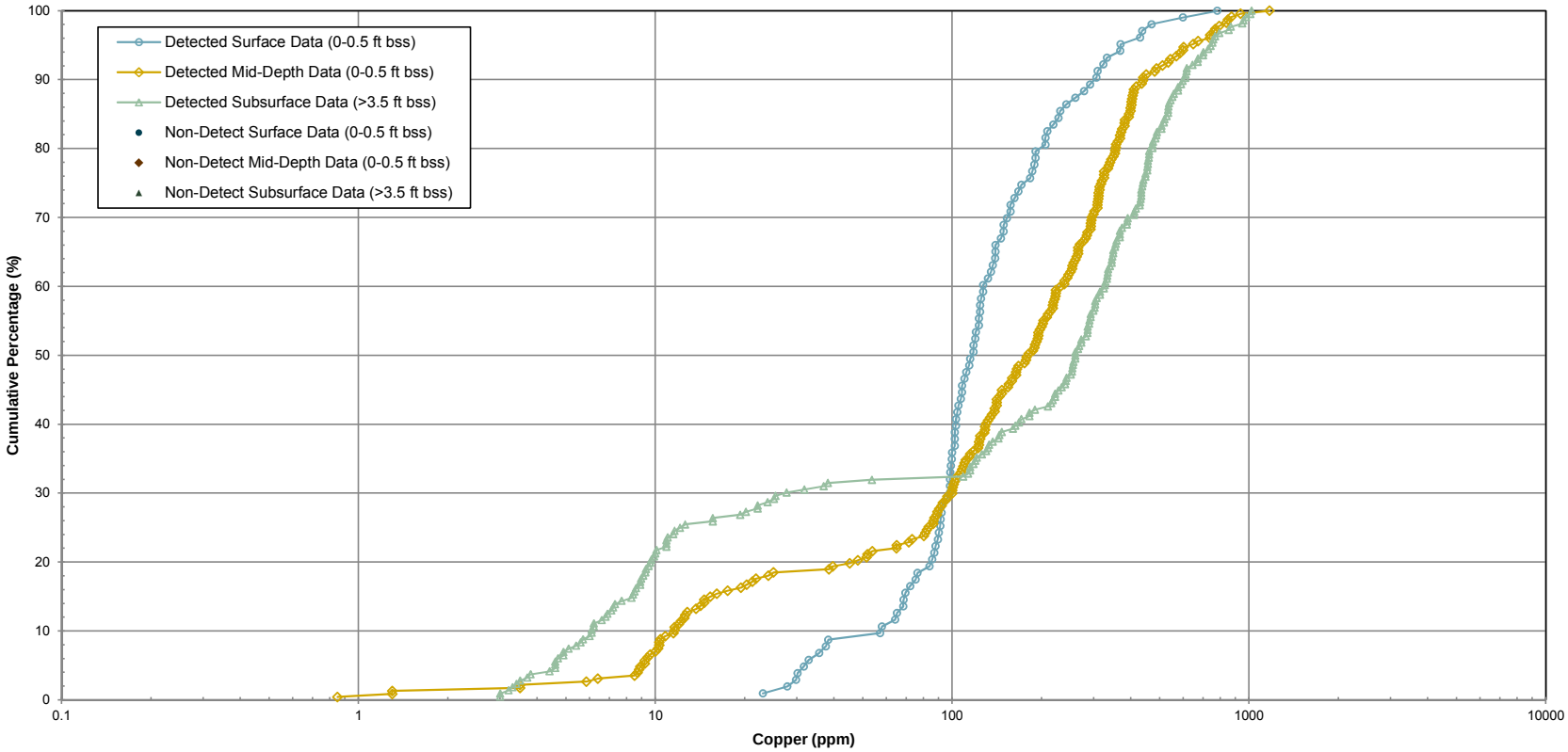

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
0.1
1
10
100
1000
10000
Copper (ppm)

Figure E-6

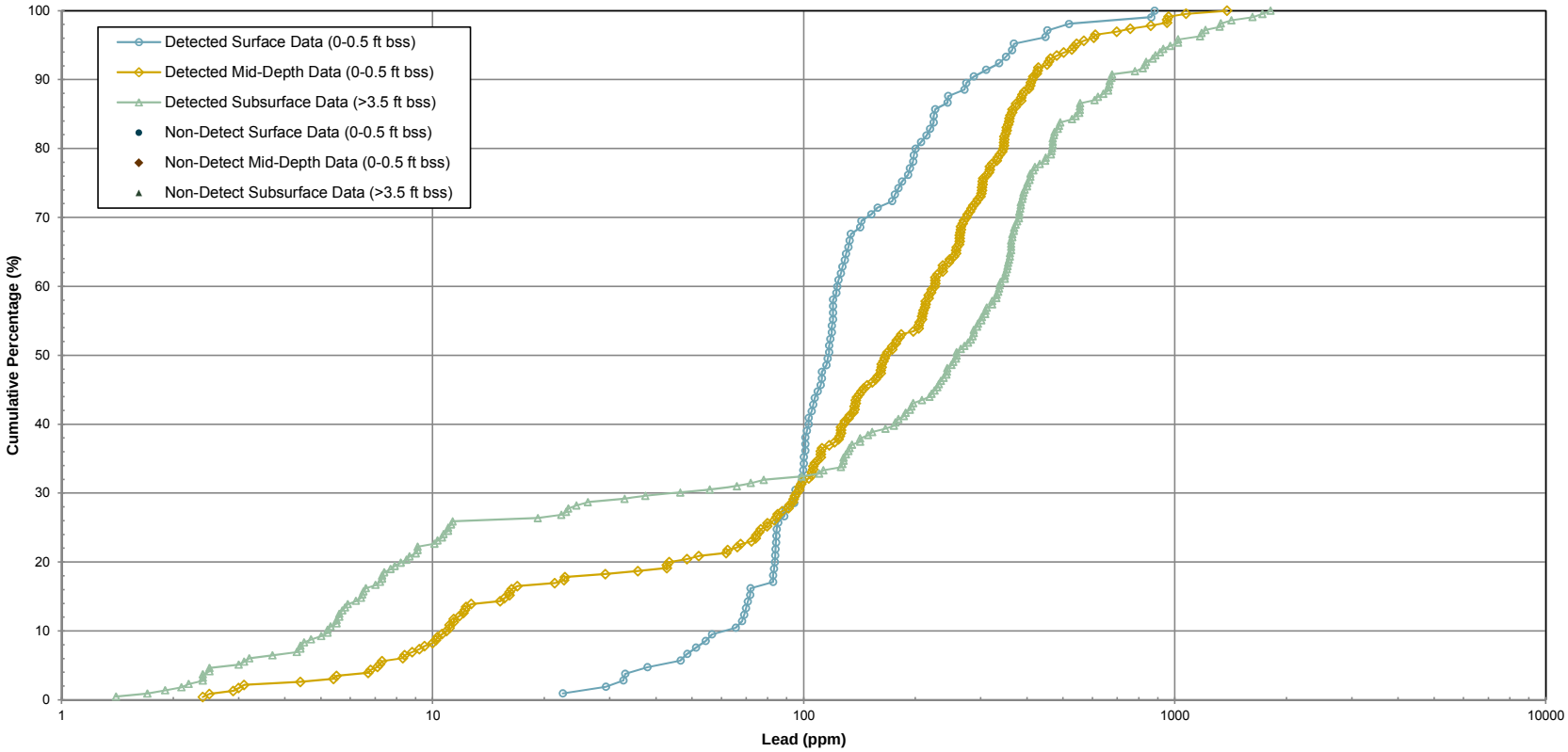

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
1
10
100
1000
10000
Lead (ppm)

Figure E-7

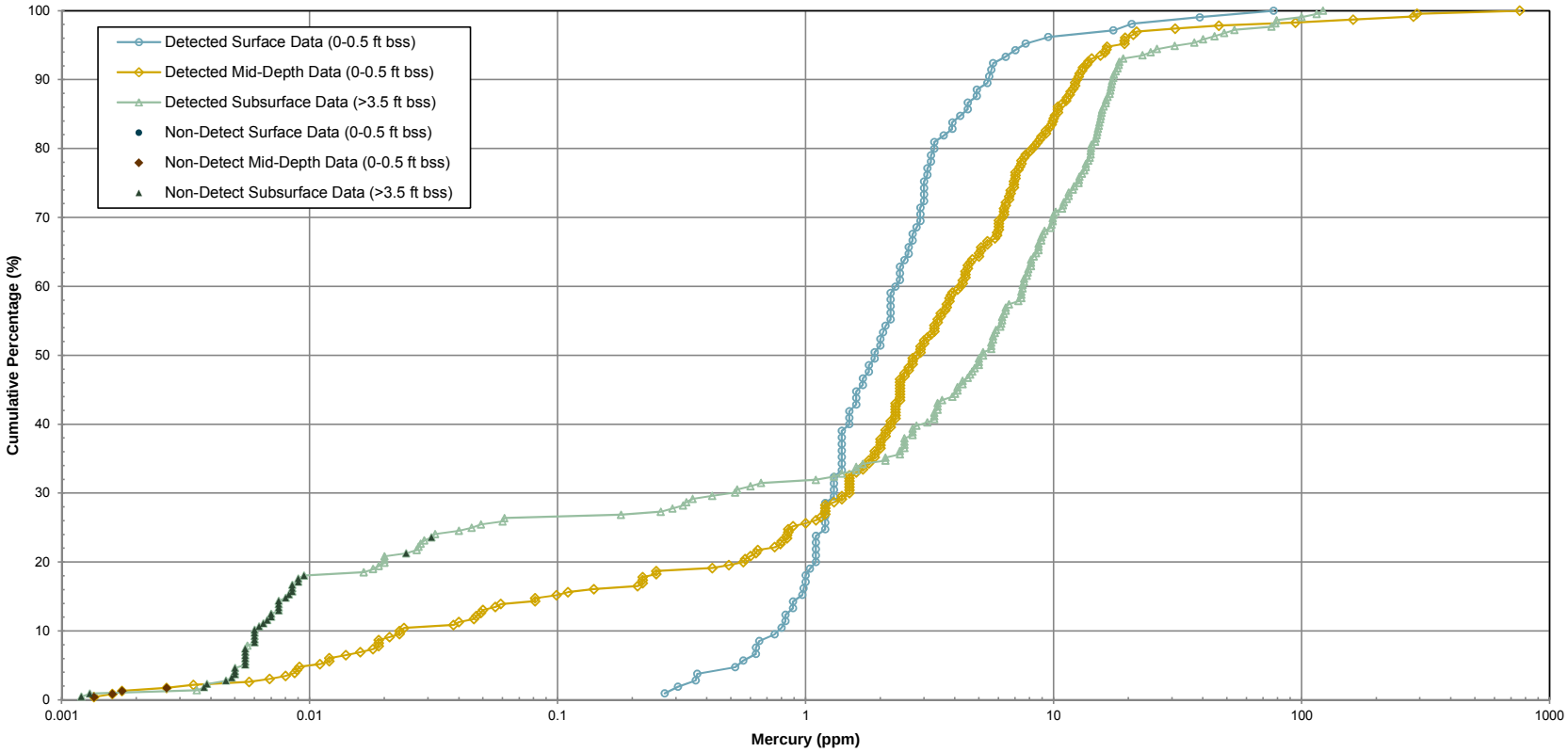

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
0.001
0.01
0.1
1
10
100
1000
Mercury (ppm)

Figure E-8

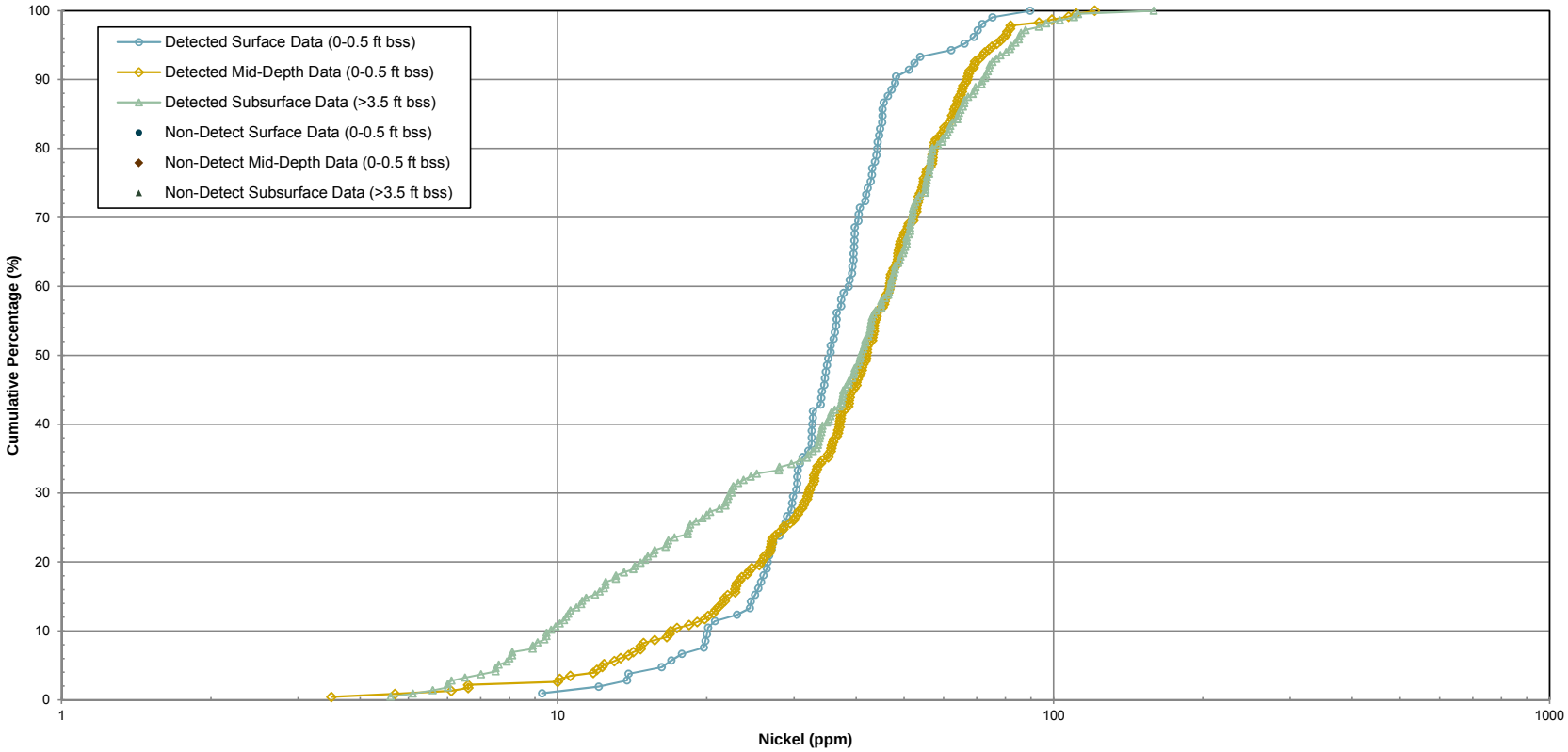

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
100
90
80
70
60
50
40
30
20
10
0
1
10
100
1000
Nickel (ppm)

Figure E-9

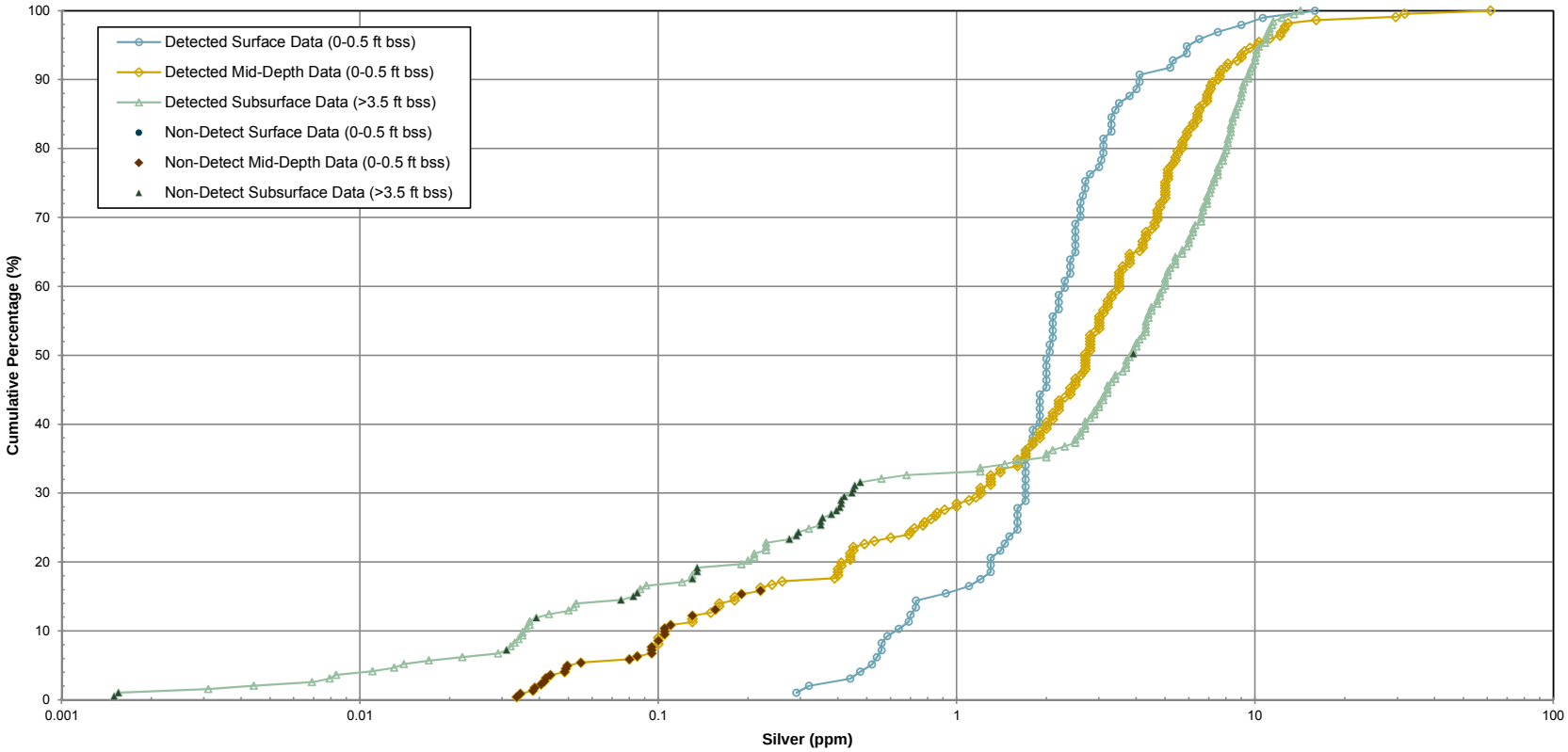

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
0.001
0.01
0.1
1
10
100
Silver (ppm)

Figure E-10

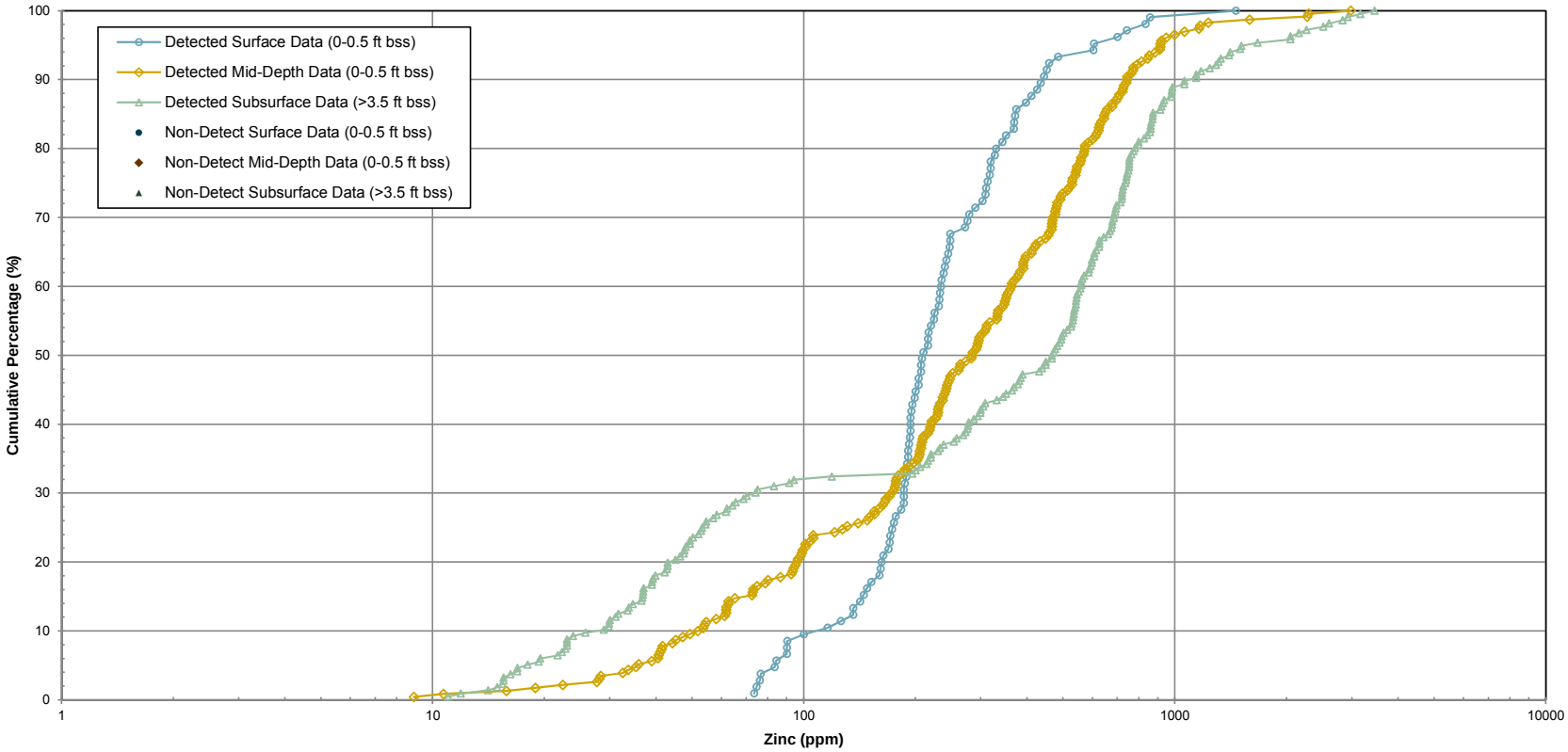

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
1
10
100
1000
10000
Zinc (ppm)

Figure E-11

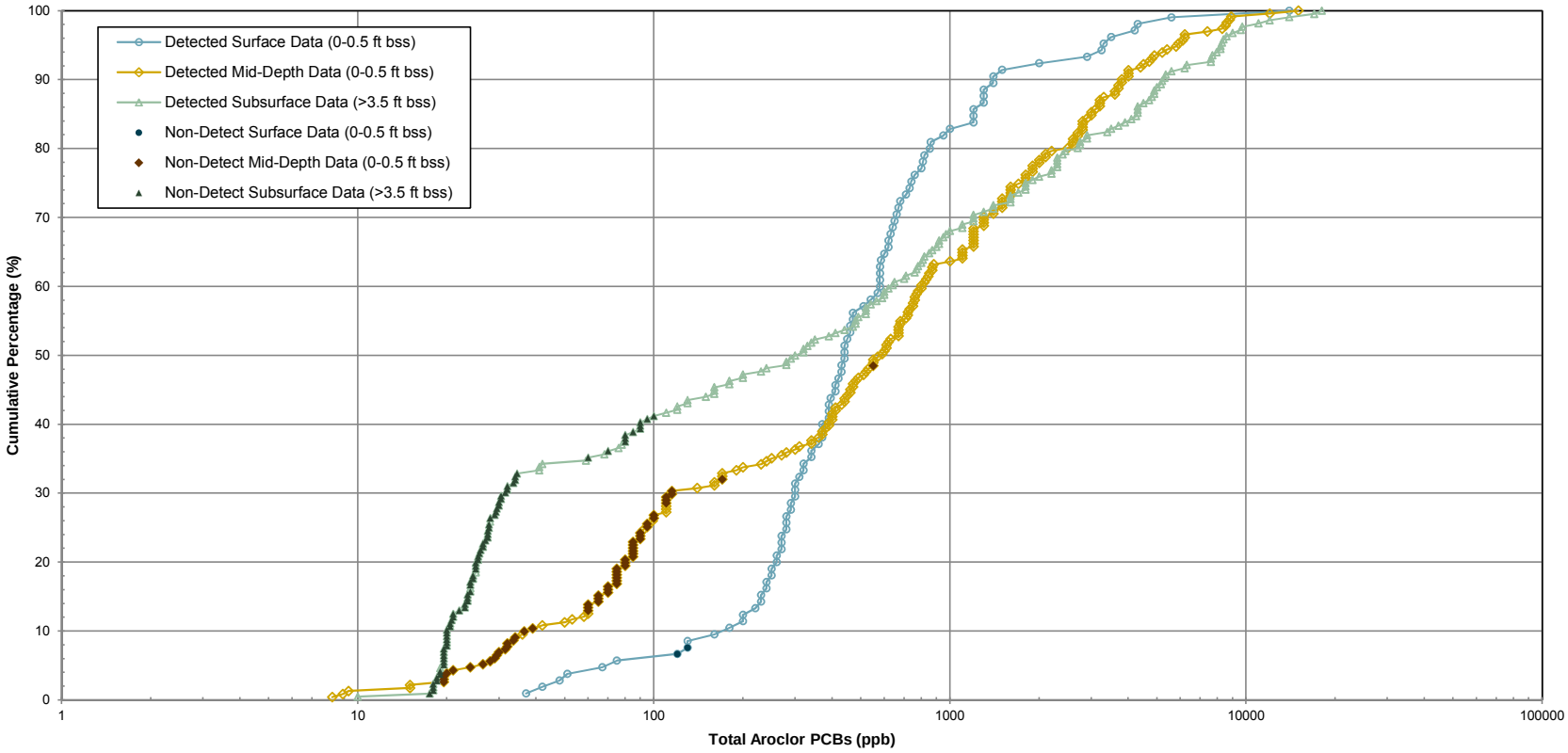

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
1
10
100
1000
10000
100000
Total Aroclor PCBs (ppb)

Figure E-12

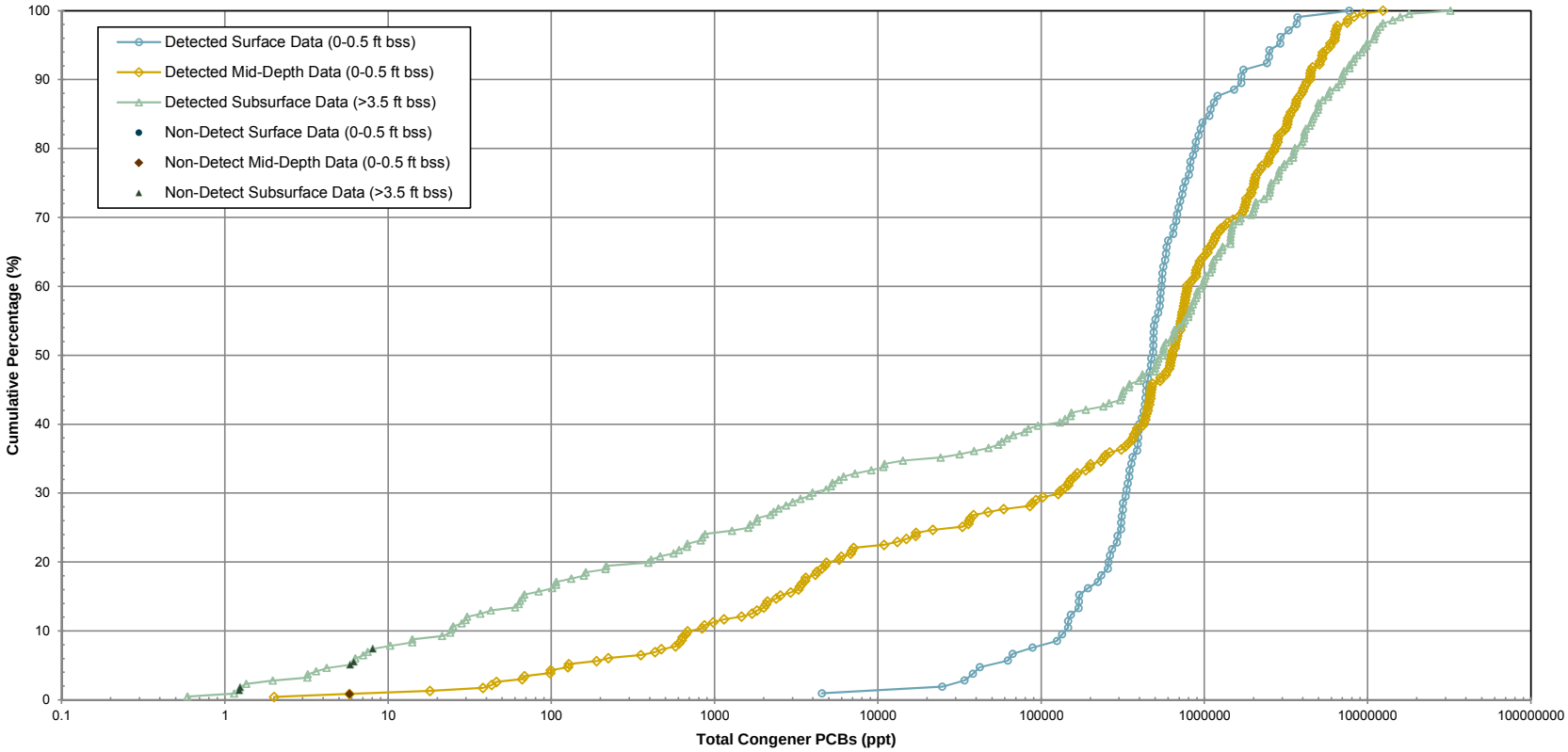

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
0.1
1
10
100
1000
10000
100000
1000000
10000000
100000000
Total Congener PCBs (ppt)

Figure E-13

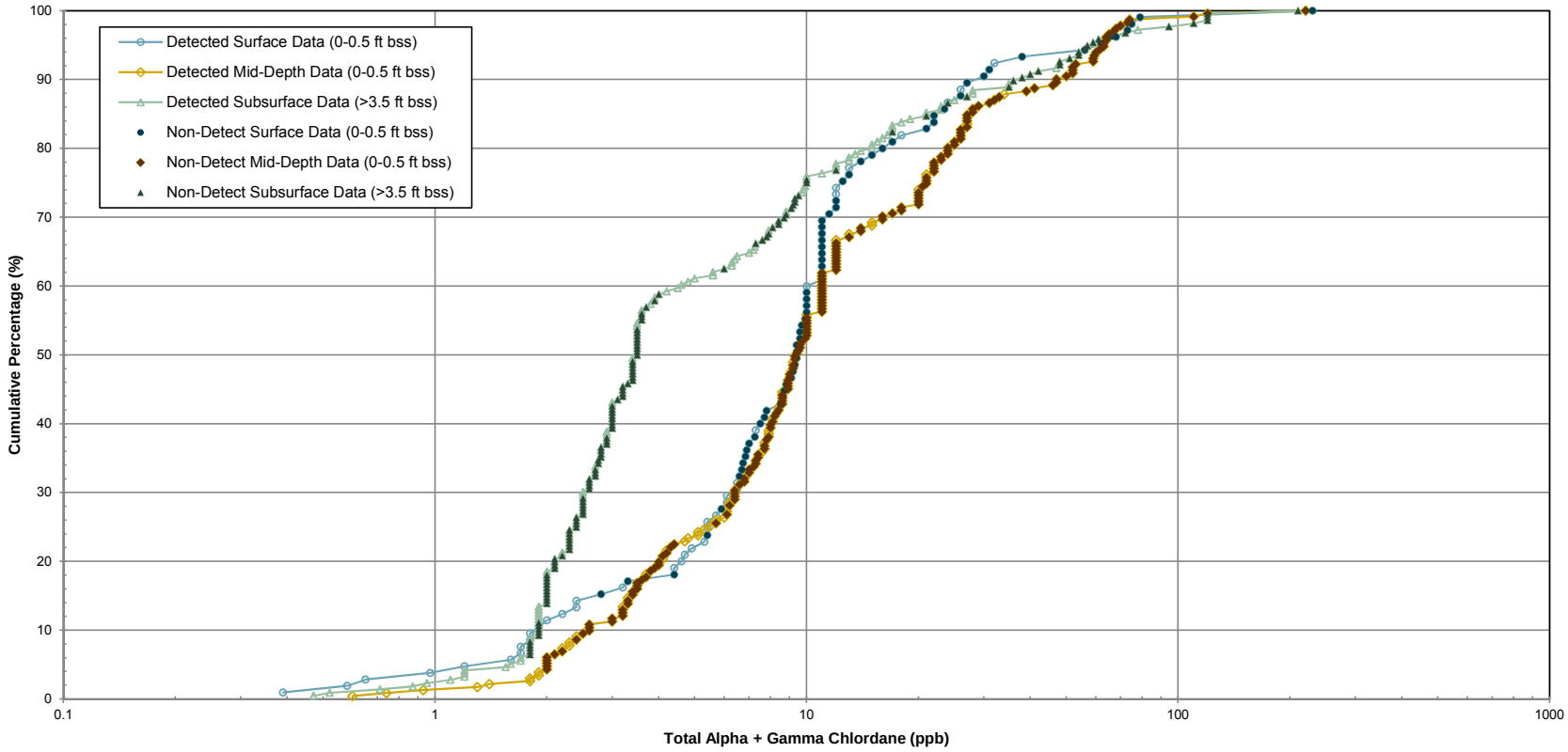

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
0.1
1
10
100
1000
Total Alpha + Gamma Chlordane (ppb)

Figure E-14

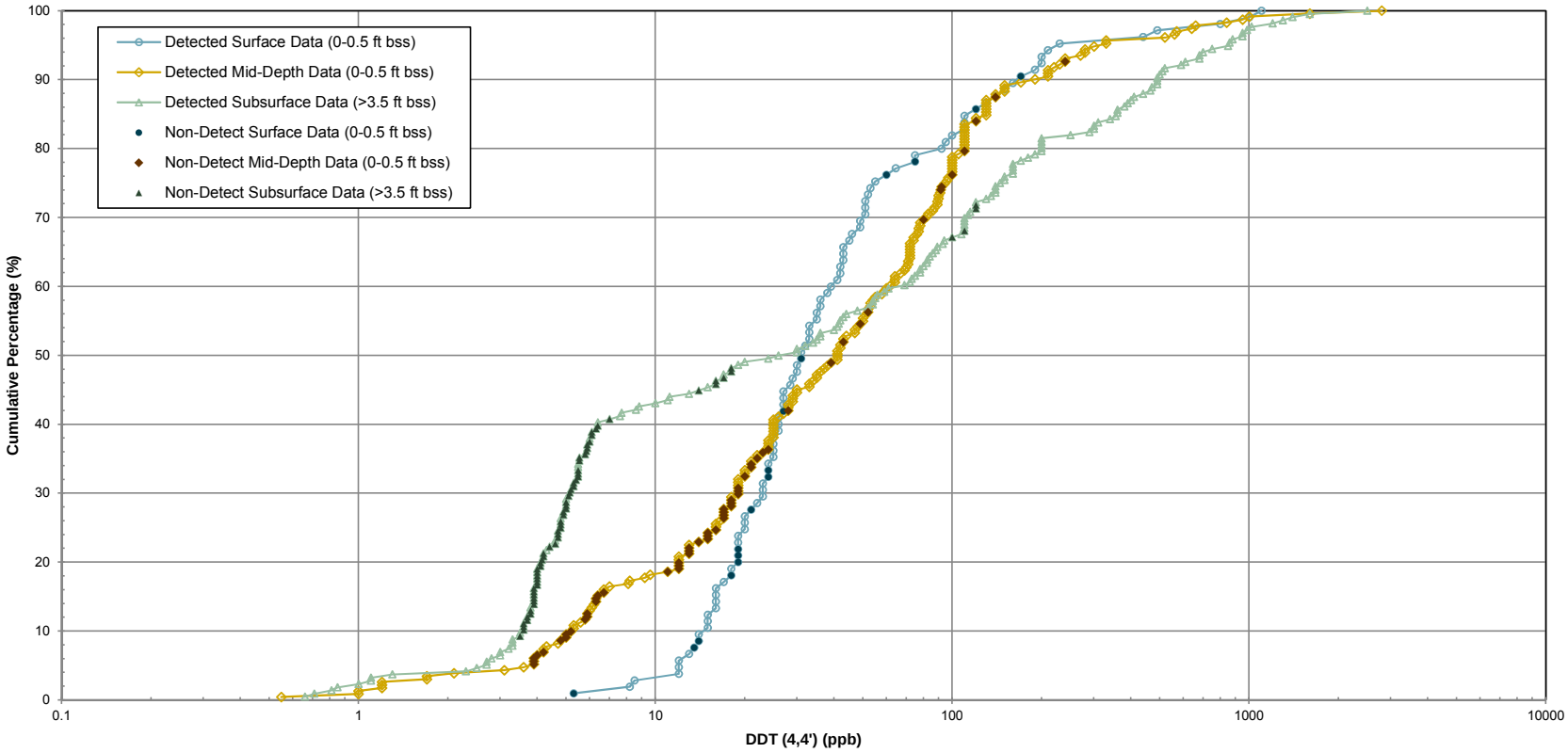

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
0.1
1
10
100
1000
10000
DDT (4,4') (ppb)

Figure E-15

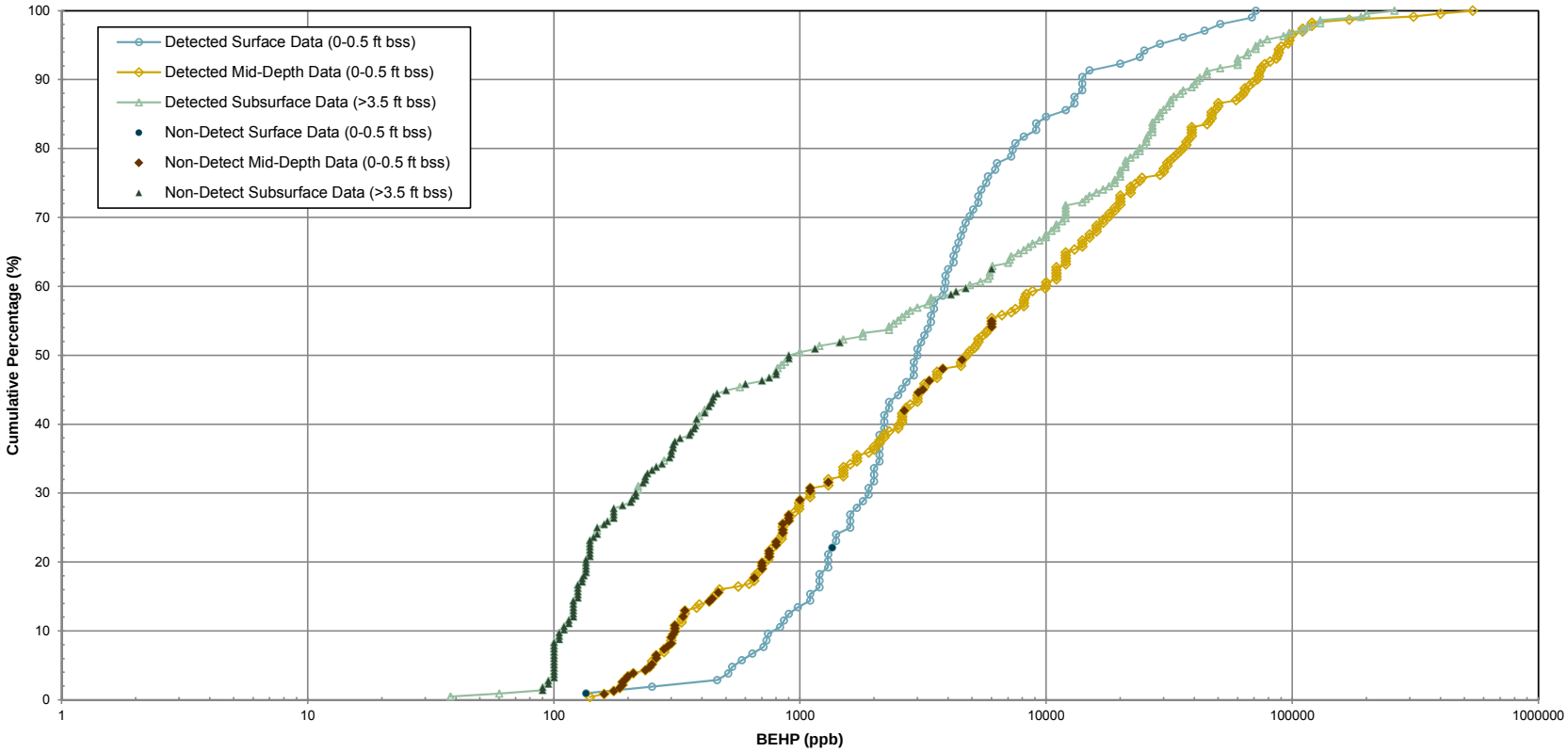

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
1
10
100
1000
10000
100000
1000000
BEHP (ppb)

Figure E-16

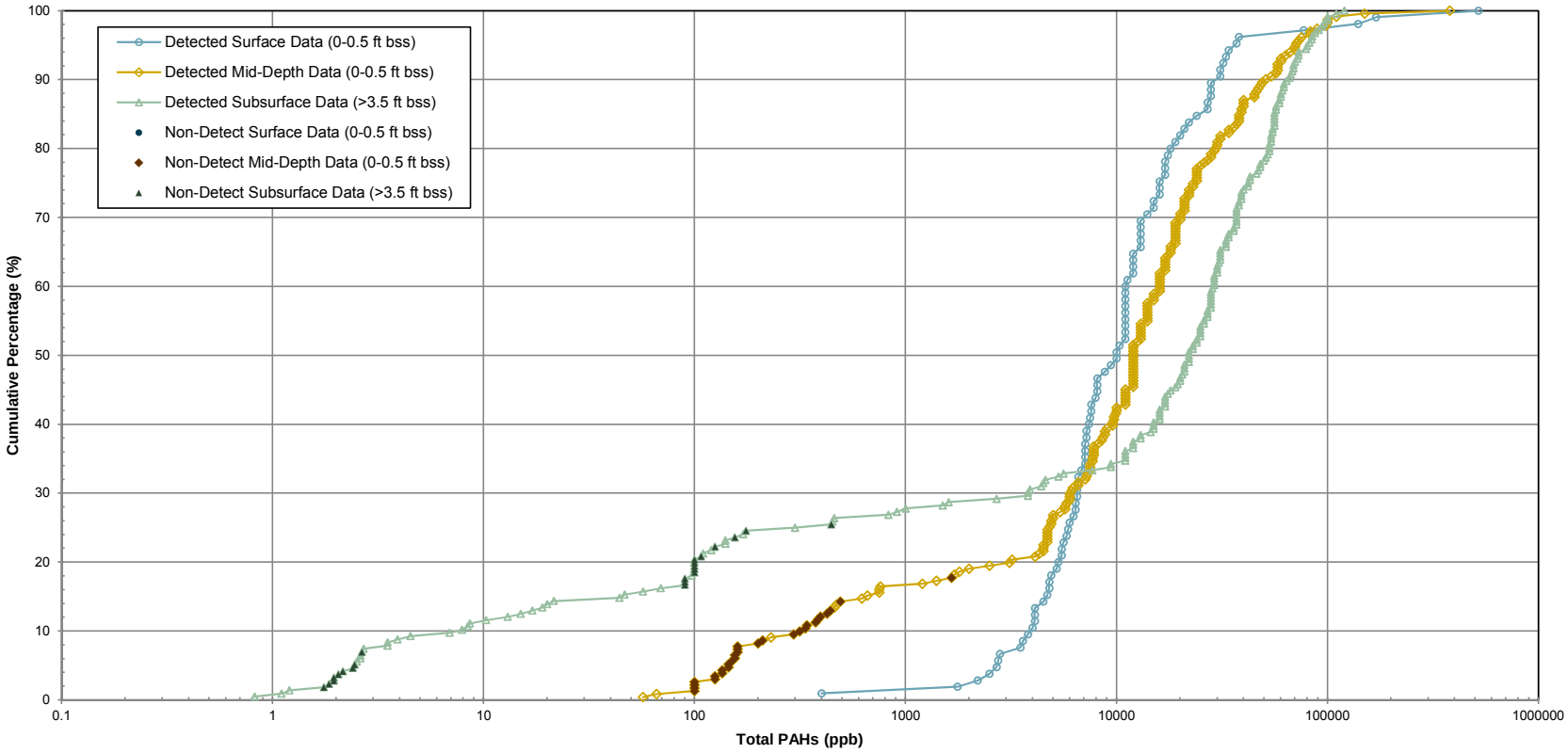

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
0.1
1
10
100
1000
10000
100000
1000000
Total PAHs (ppb)

Figure E-17

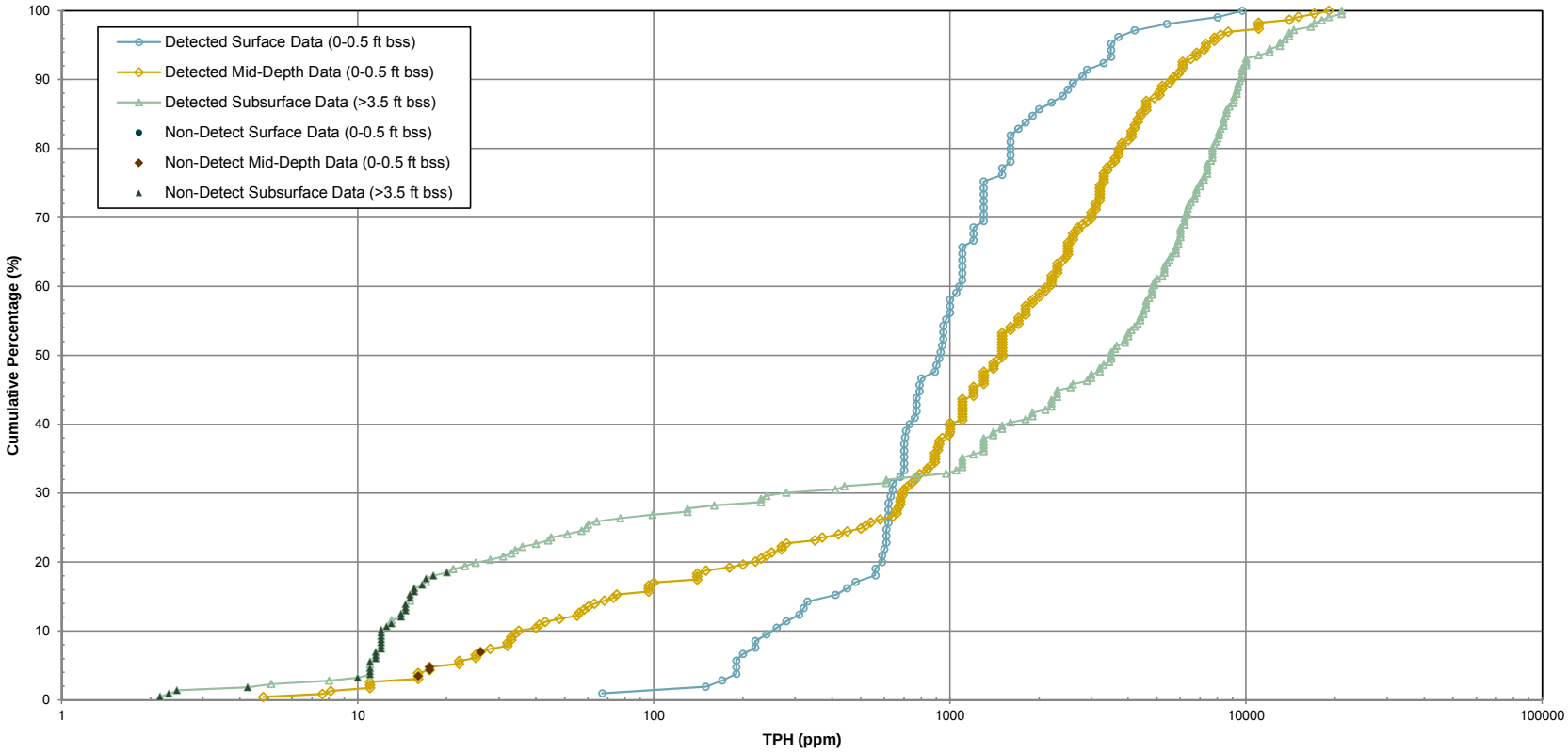

Detected Surface Data (0-0.5 ft bss)
Detected Mid-Depth Data (0-0.5 ft bss)
Detected Subsurface Data (>3.5 ft bss)
Non-Detect Surface Data (0-0.5 ft bss)
Non-Detect Mid-Depth Data (0-0.5 ft bss)
Non-Detect Subsurface Data (>3.5 ft bss)
Cumulative Percentage (%)
0
10
20
30
40
50
60
70
80
90
100
1
10
100
1000
10000
100000
TPH (ppm)

Figure E-18

Appendix F

Concentration-depth Profiles

F-1 through F-18 – Non-Normalized Profiles
F-19 through F-36 – Normalized Profiles

Symbol Definitions

Recently Deposited

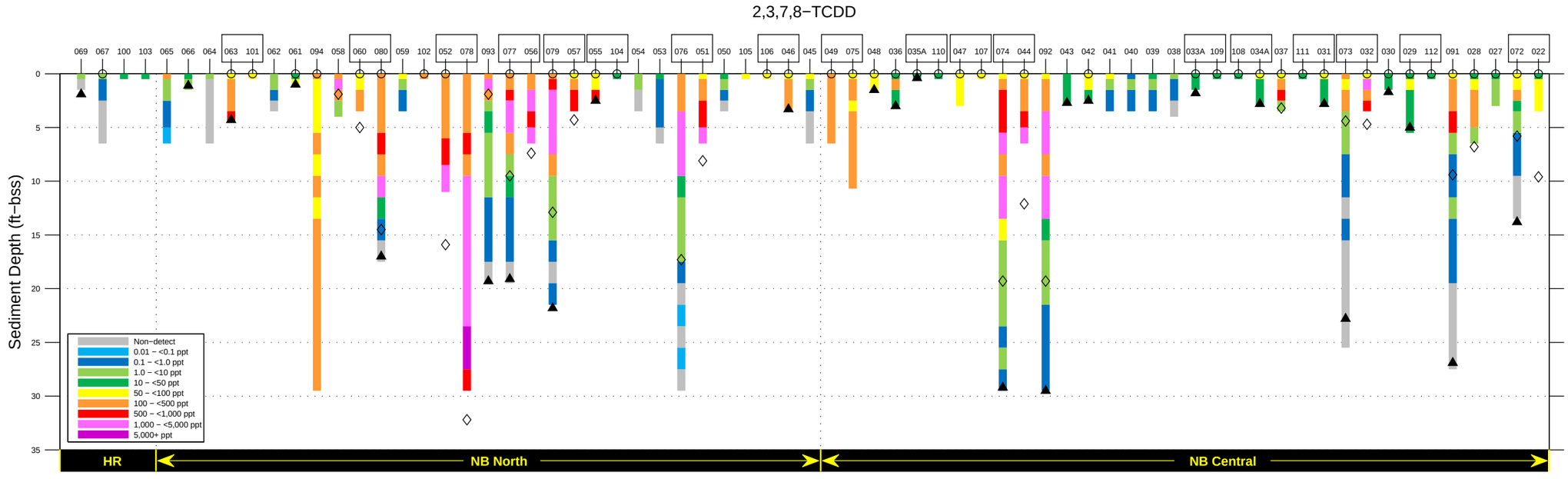
Estimated Depth of 1940 Horizon

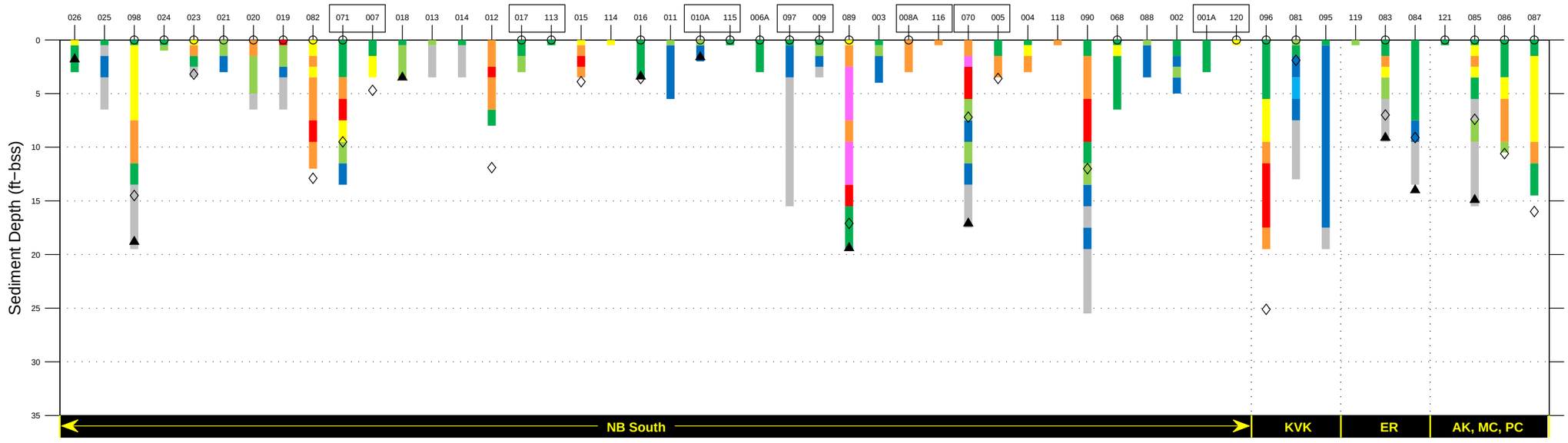
Depth to Red Clay

Notes:

1. This figure presents a summary of data for Phase I and Phase II sediment data.
2. Recently deposited is defined as surface sediment locations having beryllium-7 concentrations equal to or greater than 0.5 picocurie per gram.
3. Depths of the estimated 1940 horizon and depths to red clay are from the Deposition Report (Tierra 2011b).
4. Core IDs enclosed within a box indicate co-located Phase I and Phase II cores.
5. For presentation purposes, the Newark Bay Phase I and Phase II location IDs were shortened to the last three characters of the location ID. For example, NB01SED026 was shortened to “026”.
6. The sediment core data are ordered north to south within each geographic area. The bottom figure is a continuation from the top figure. Abbreviations:

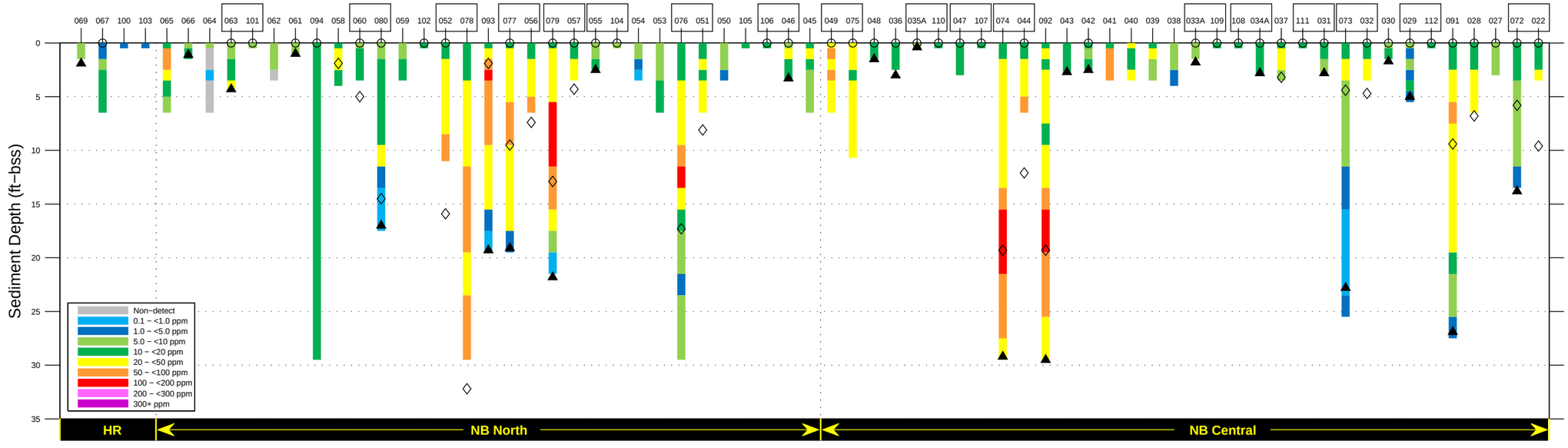
    ft bss = feet below sediment surface
    ppm = parts per million
    ppb = parts per billion
    ppt = parts per trillion
    NB = Newark Bay
    HR = Hackensack River
    KVK = Kill van Kull
    ER = Elizabeth River
    AK = Arthur Kill
    MC = Morses Creek
    PC = Piles Creek

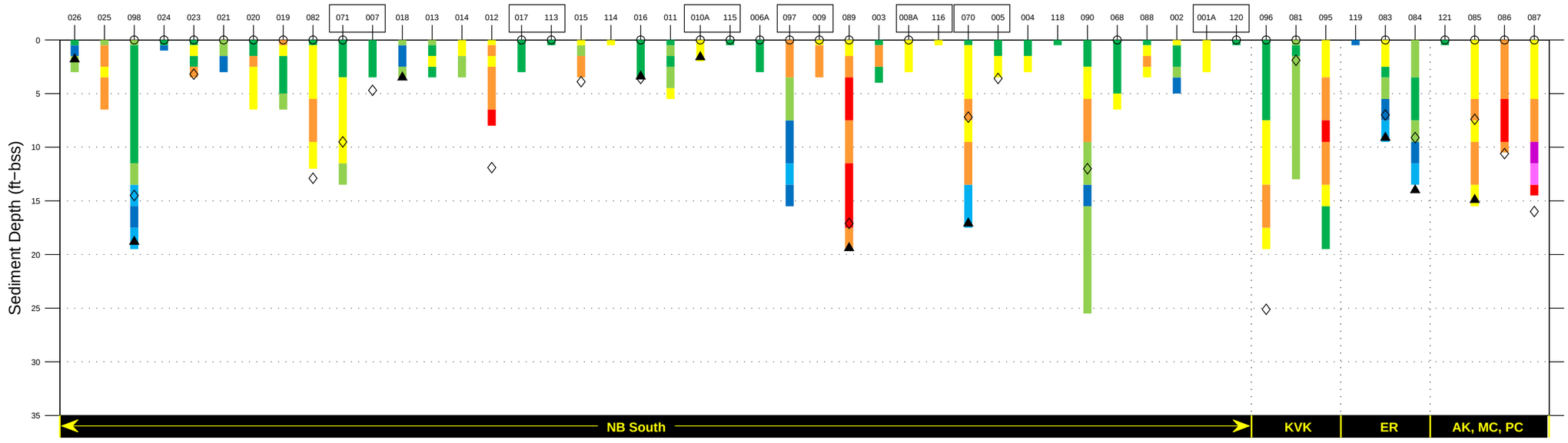




PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
2,3,7,8−TCDD
FIGURE F−1

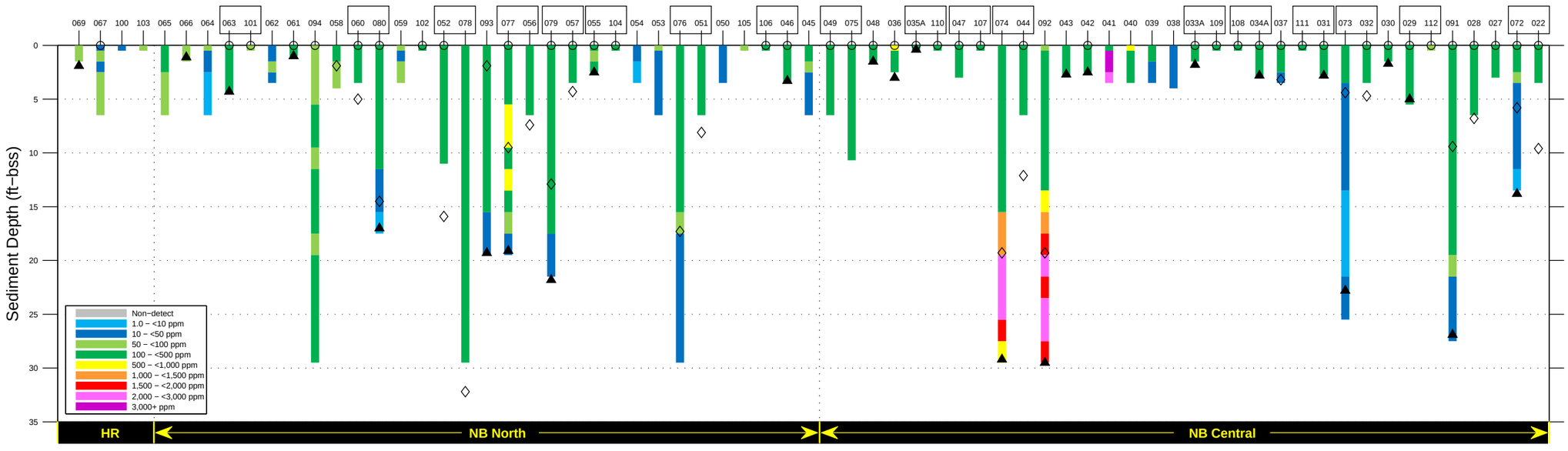
ARSENIC

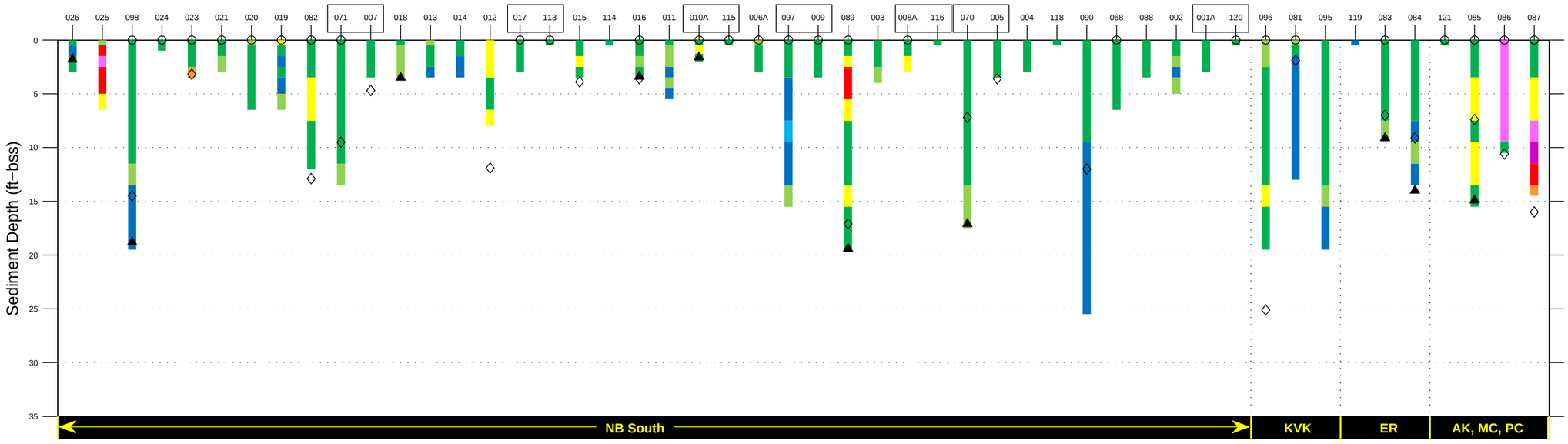




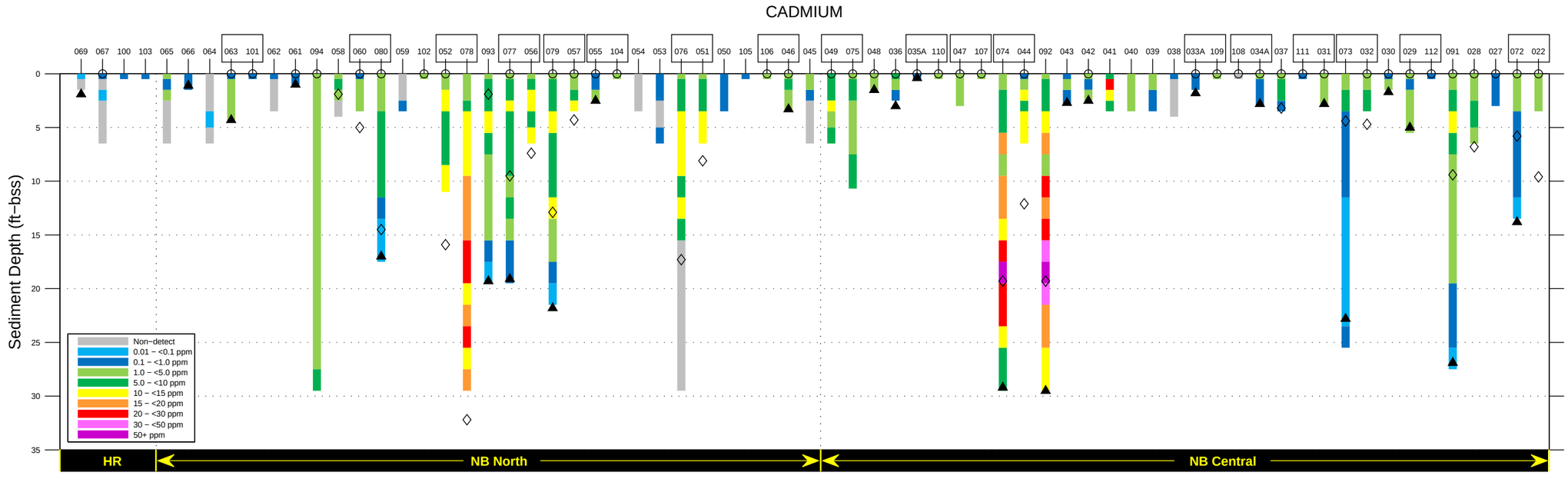
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
ARSENIC
FIGURE F–2

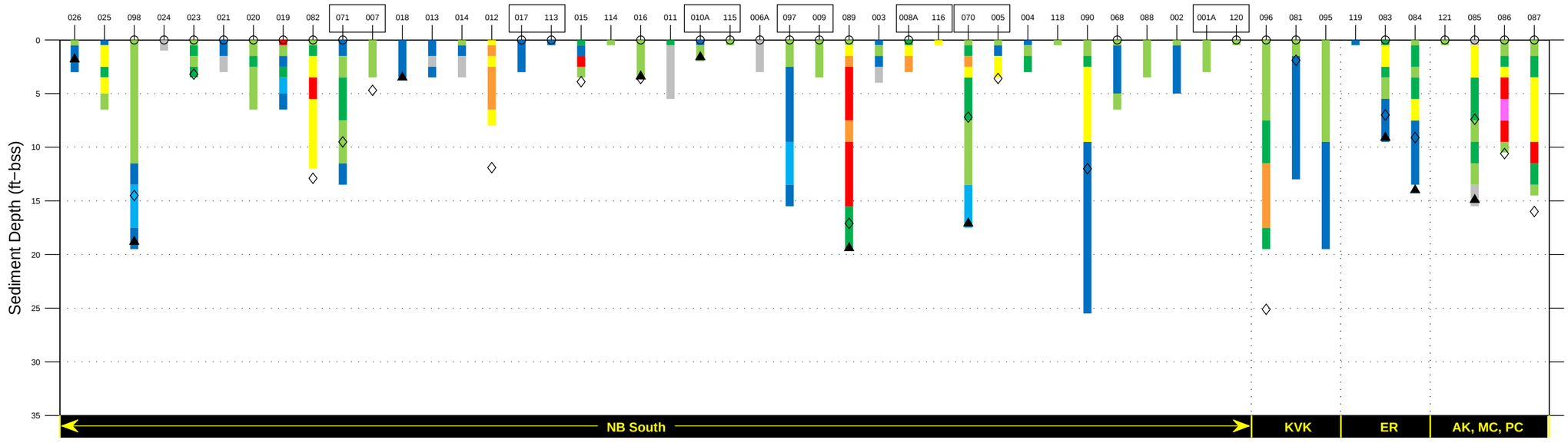
BARIUM





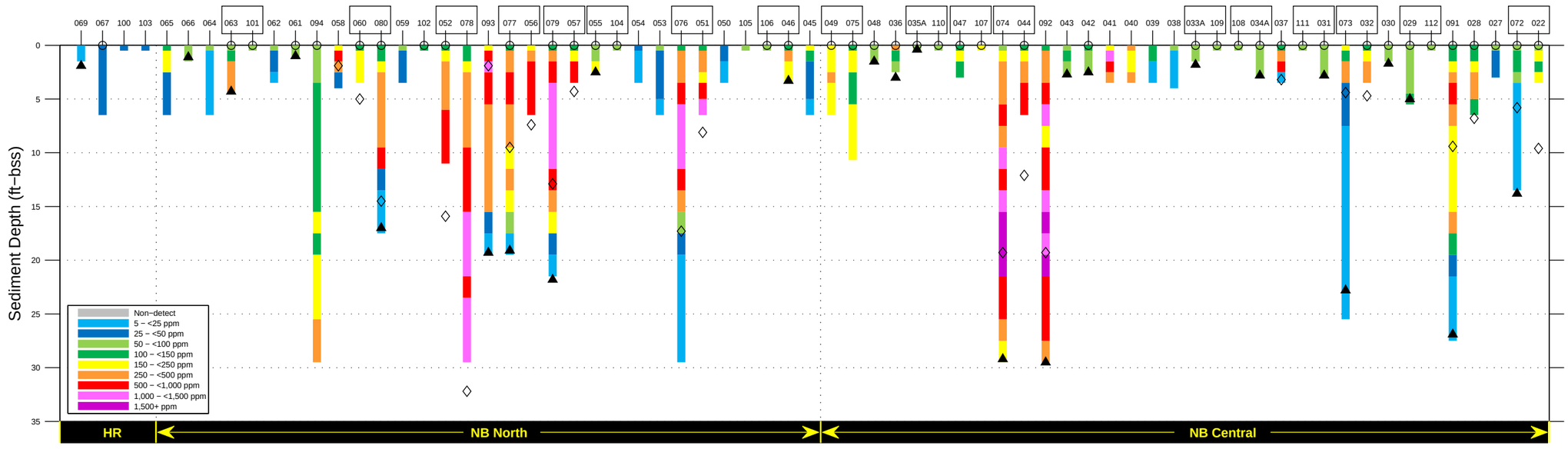
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
BARIUM
FIGURE F–3

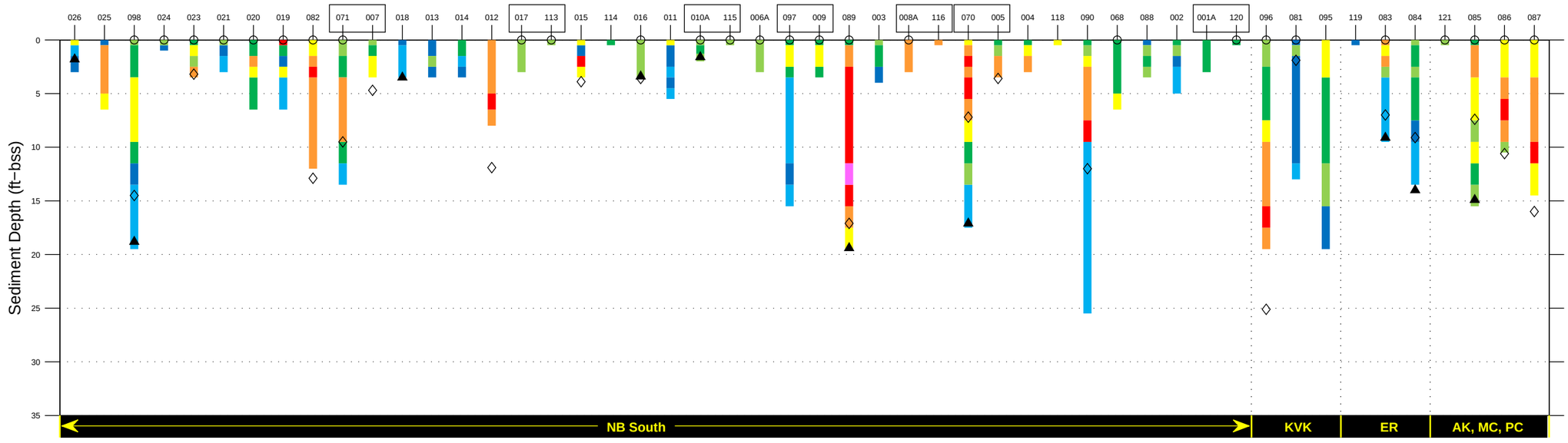




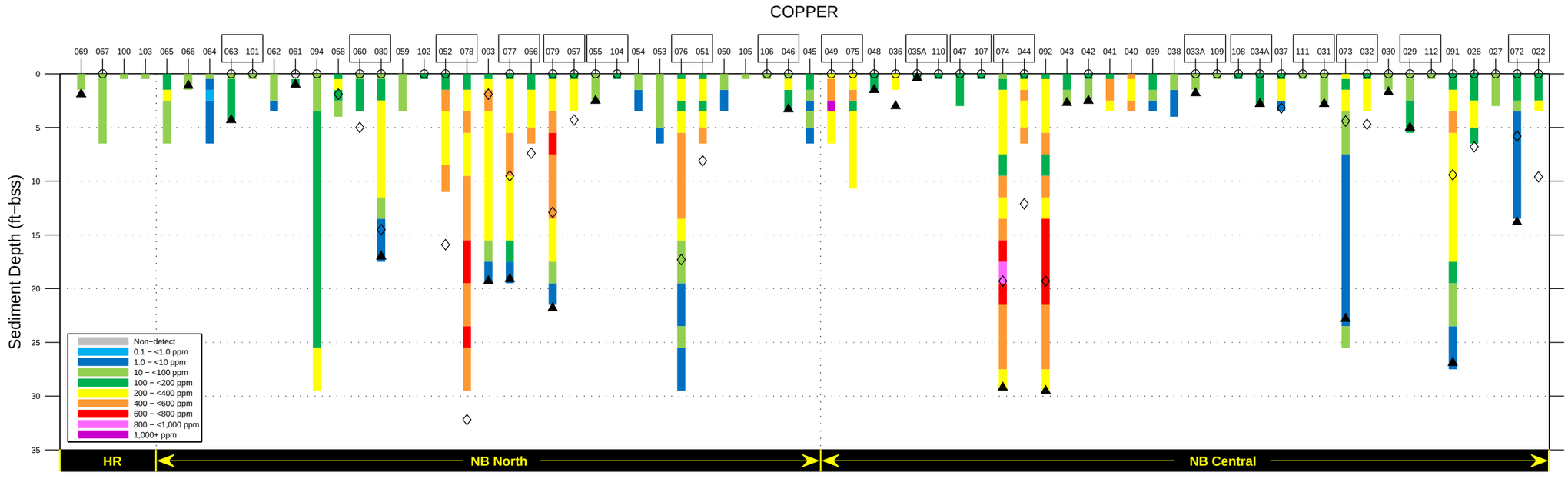
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
CADMIUM
FIGURE F–4

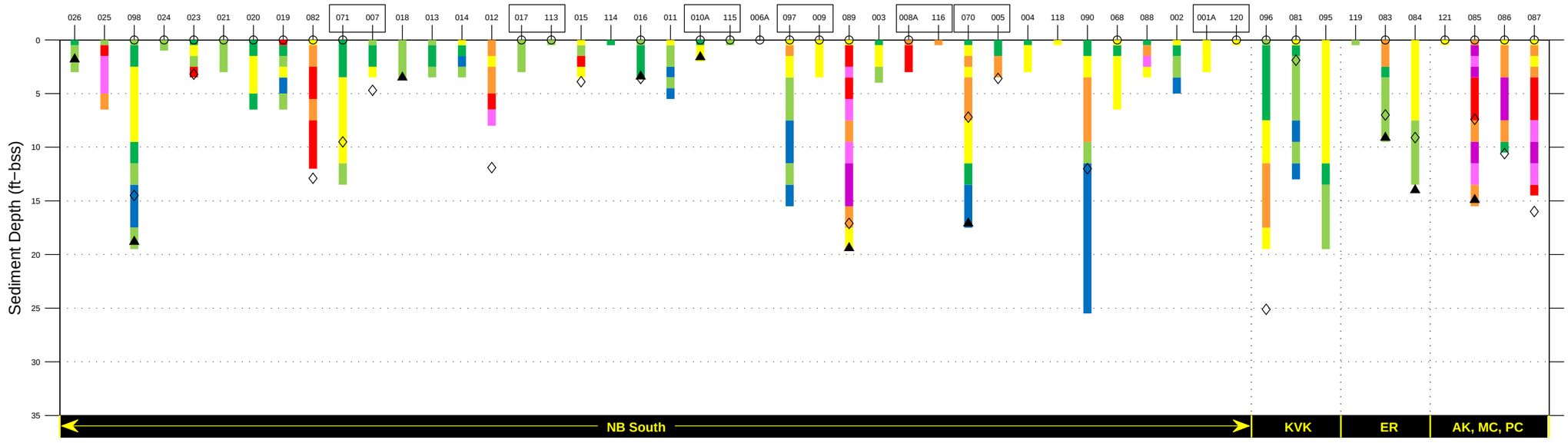
CHROMIUM





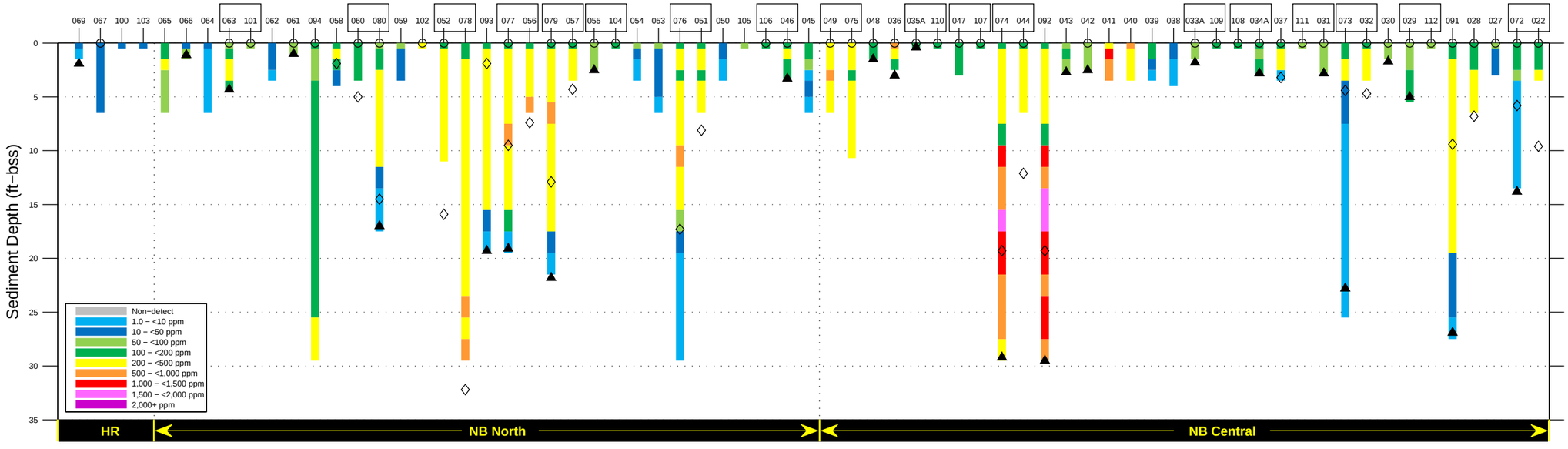
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
CHROMIUM
FIGURE F–5

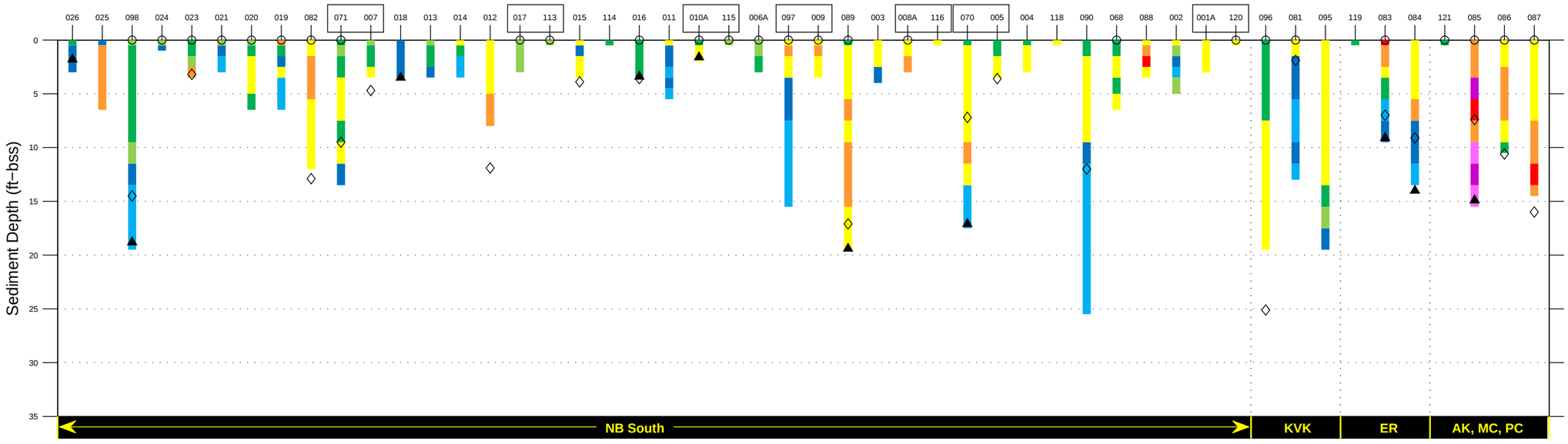




PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
COPPER
FIGURE F−6

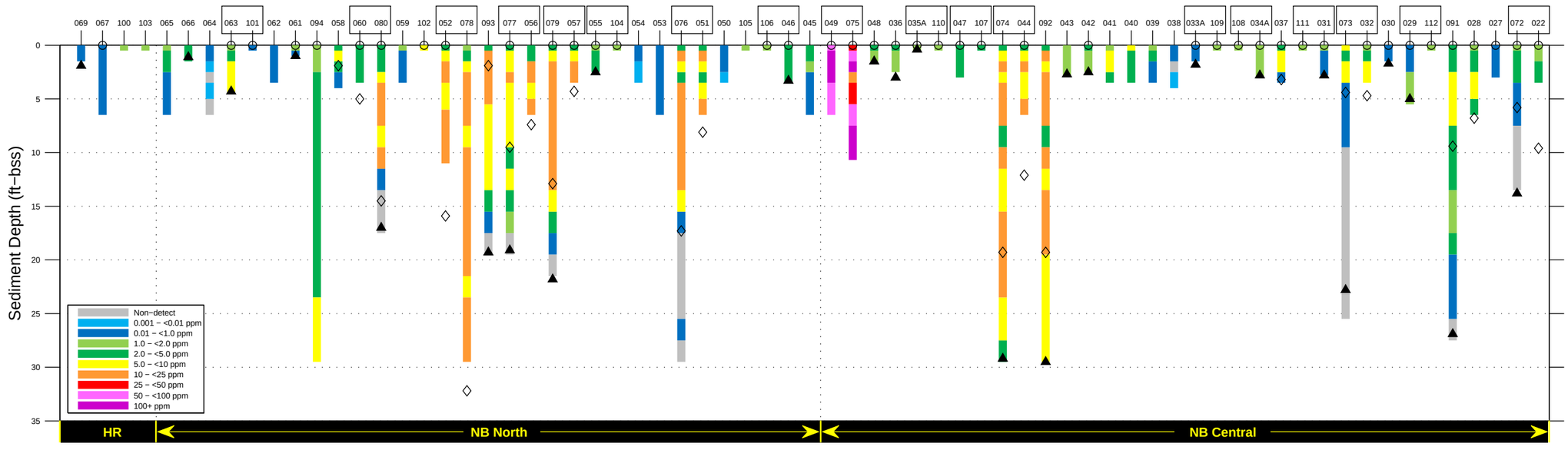
LEAD

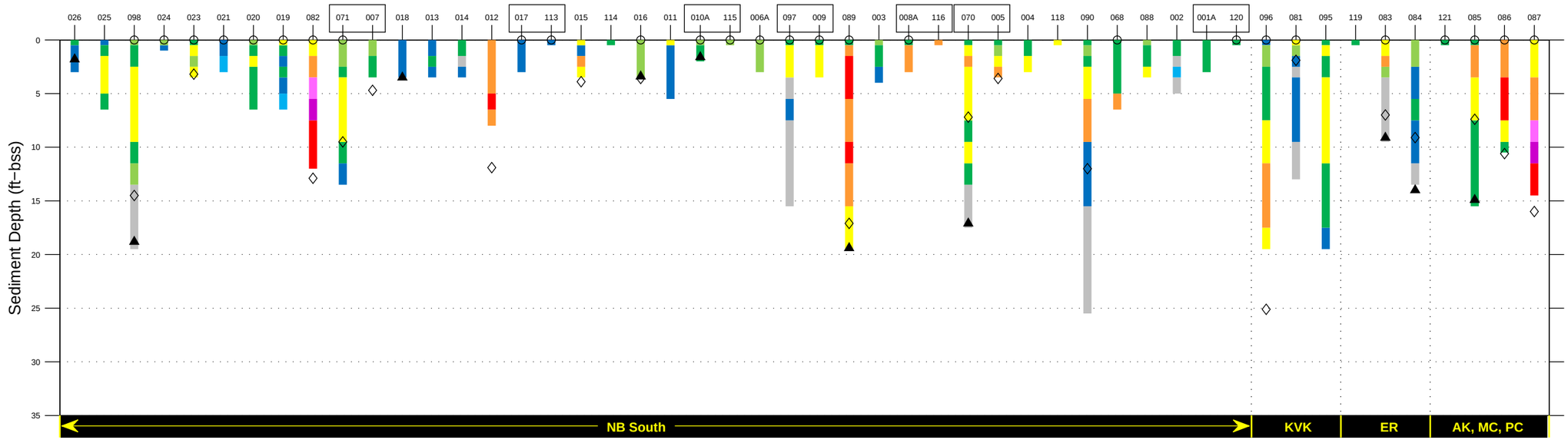




PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
LEAD
FIGURE F–7

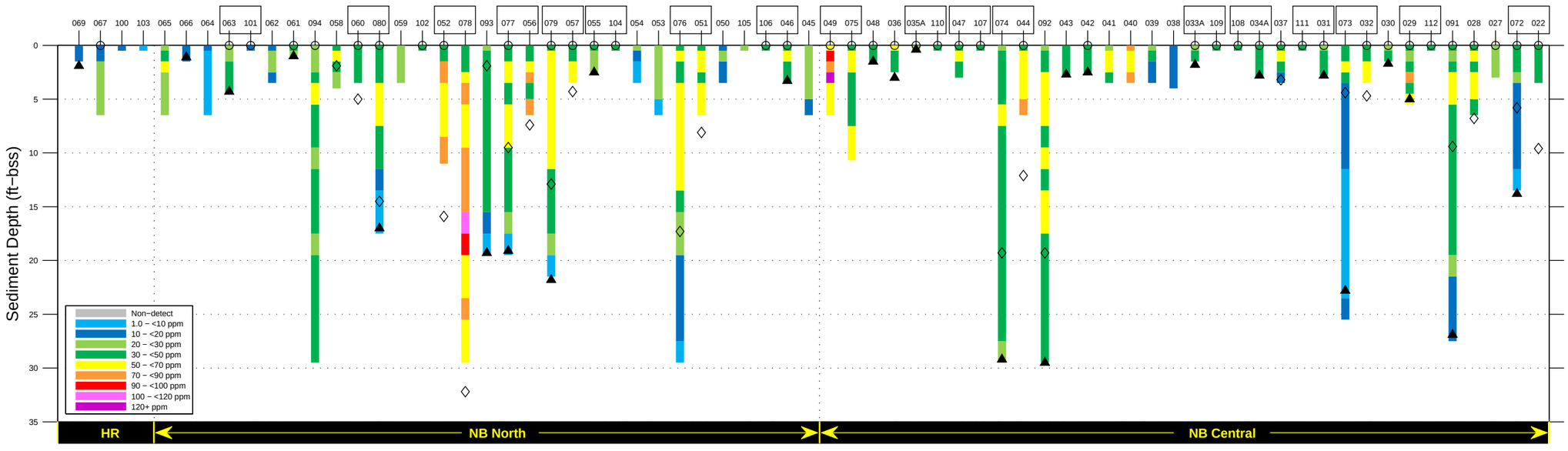
MERCURY

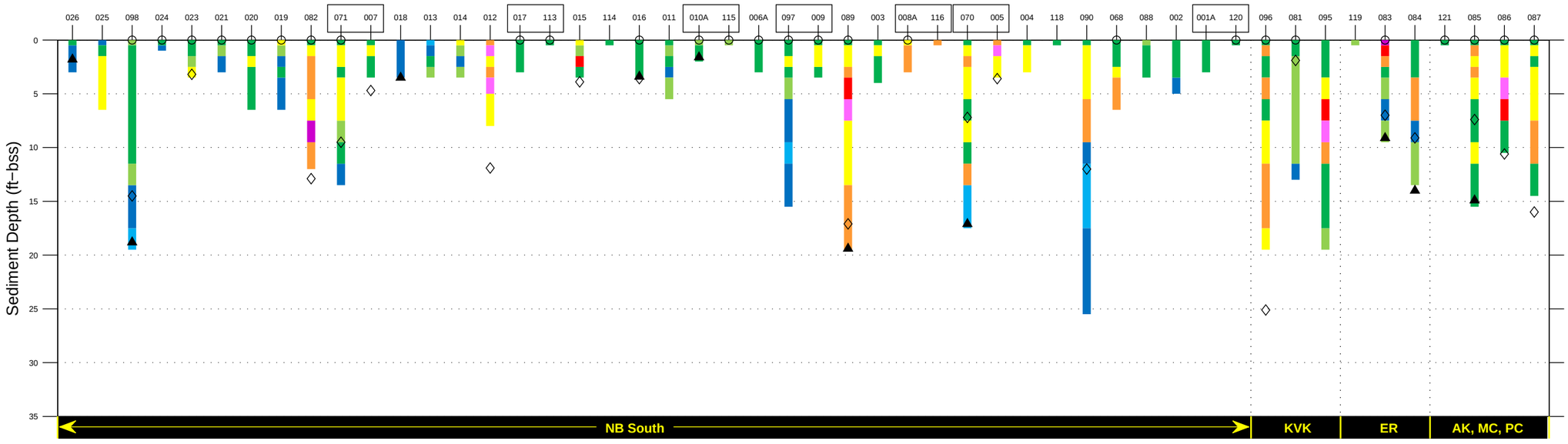




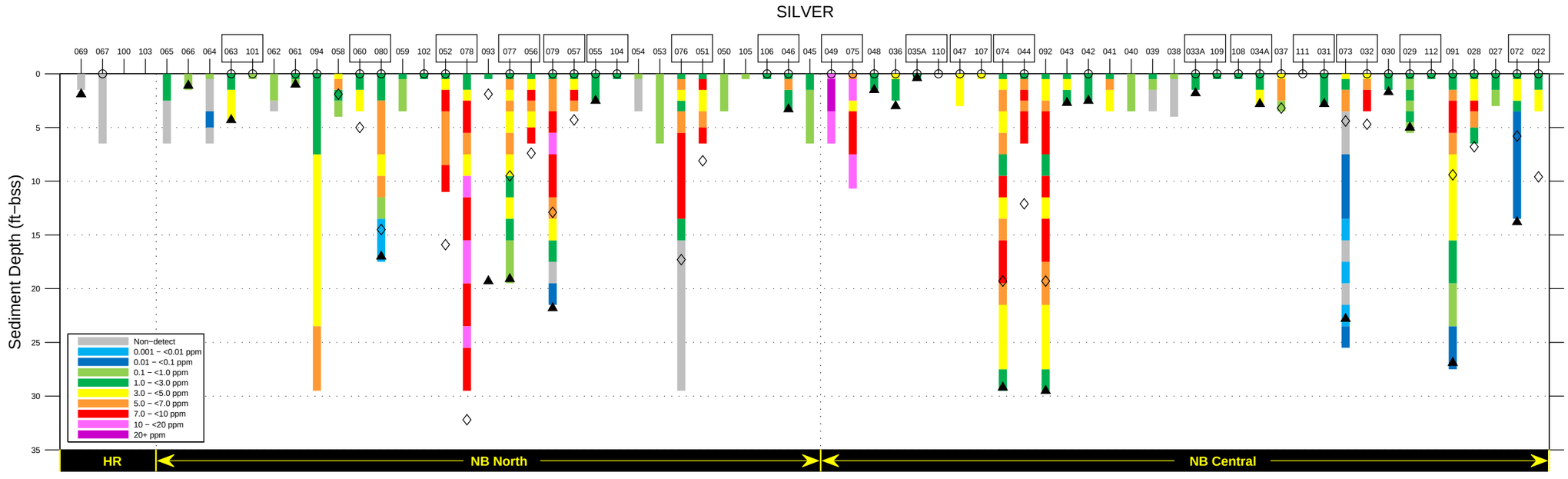
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
MERCURY
FIGURE F–8

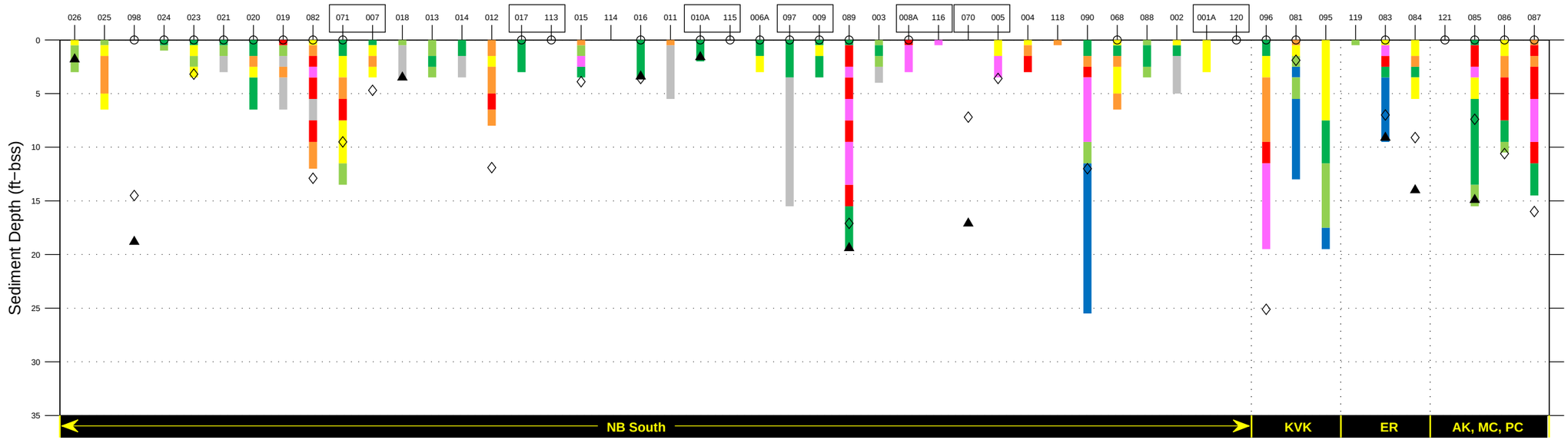
NICKEL



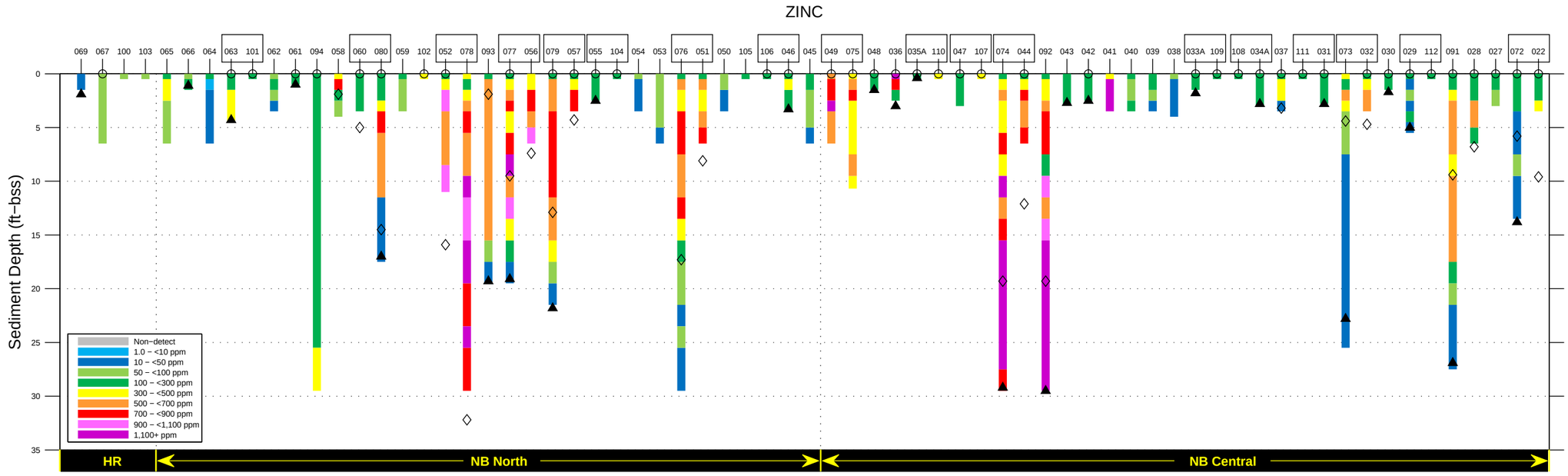


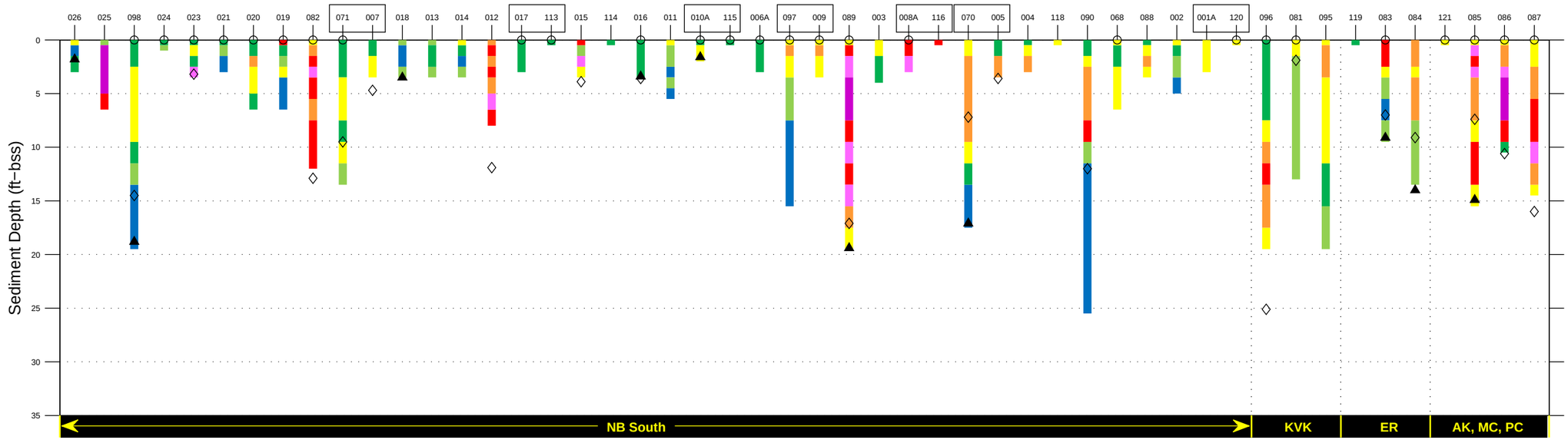
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
NICKEL
FIGURE F–9





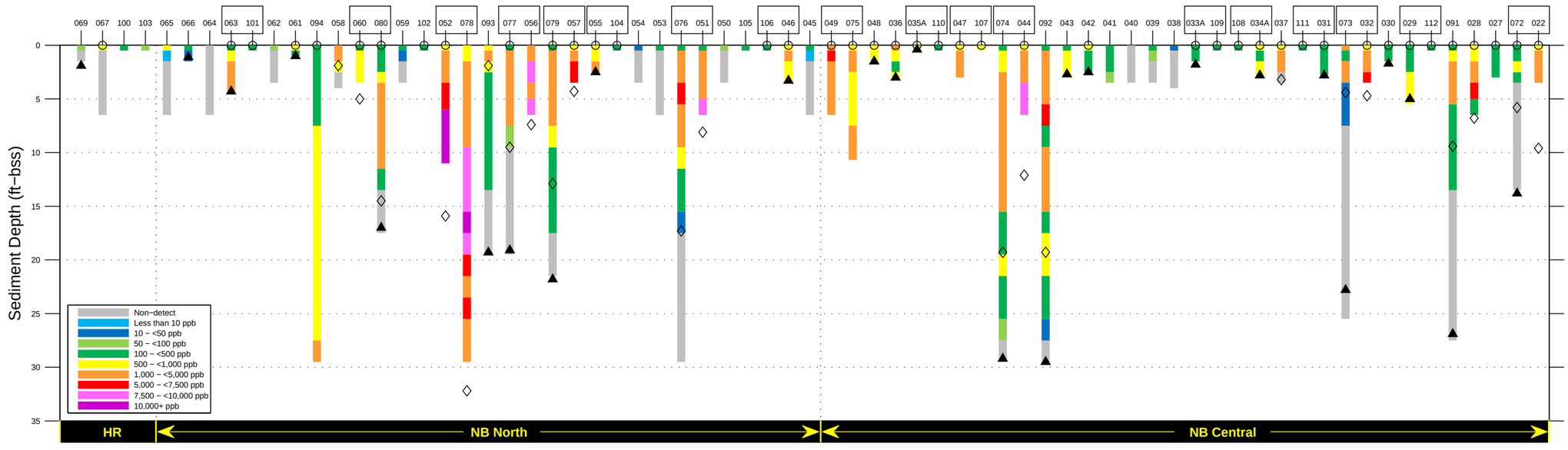
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
SILVER
FIGURE F−10

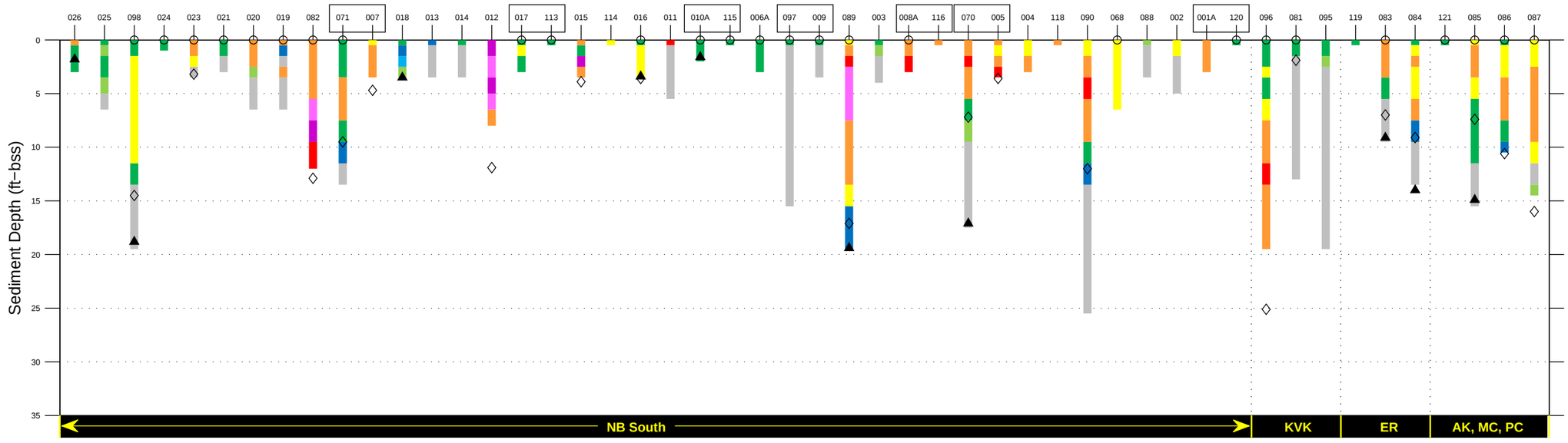




PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
ZINC
FIGURE F–11

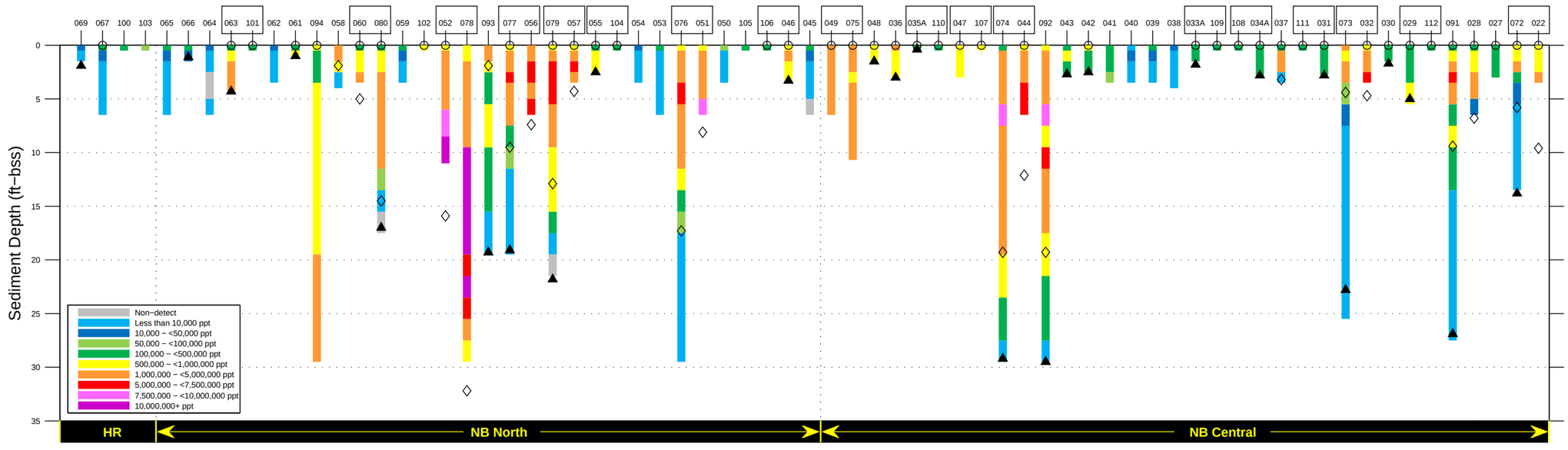
TOTAL AROCLOR PCBS

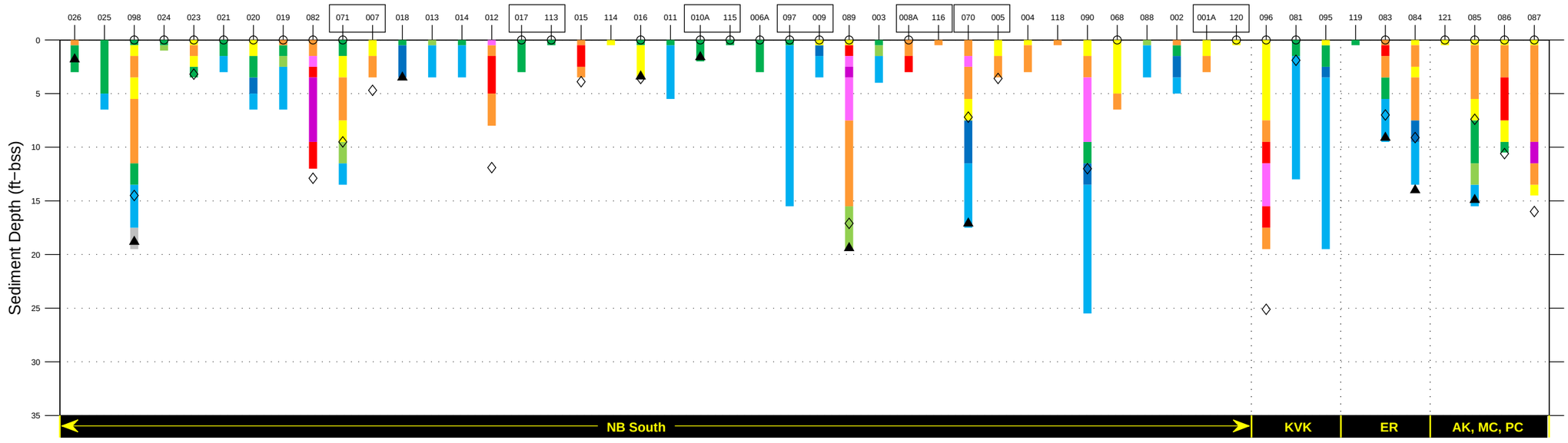




PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
TOTAL AROCLOR PCBS
FIGURE F–12

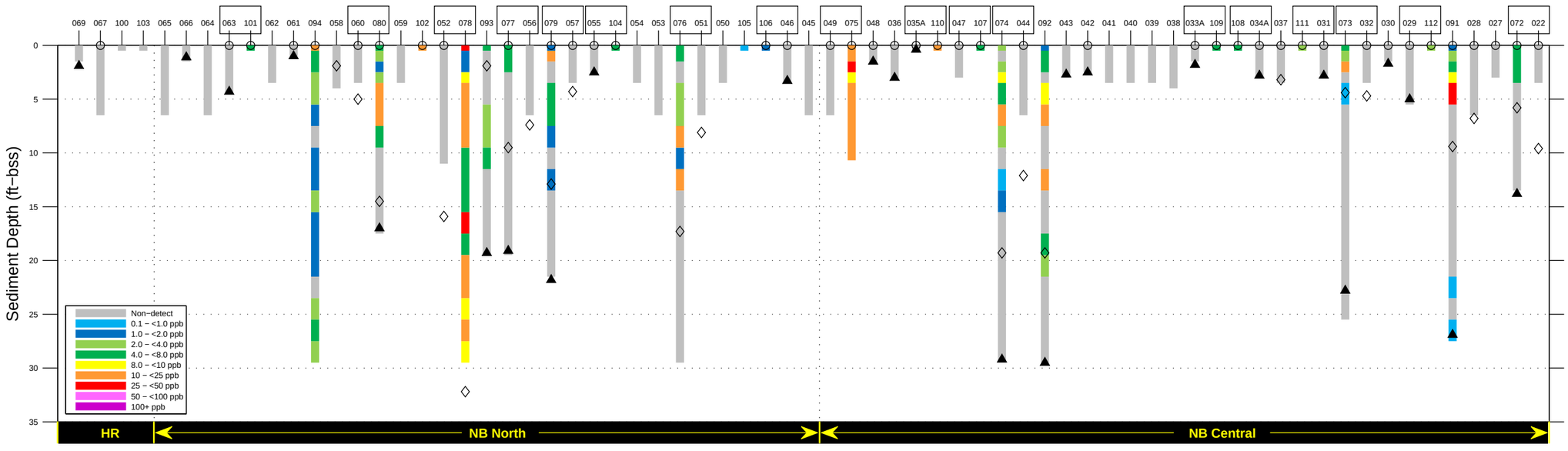
TOTAL CONGENER PCBS

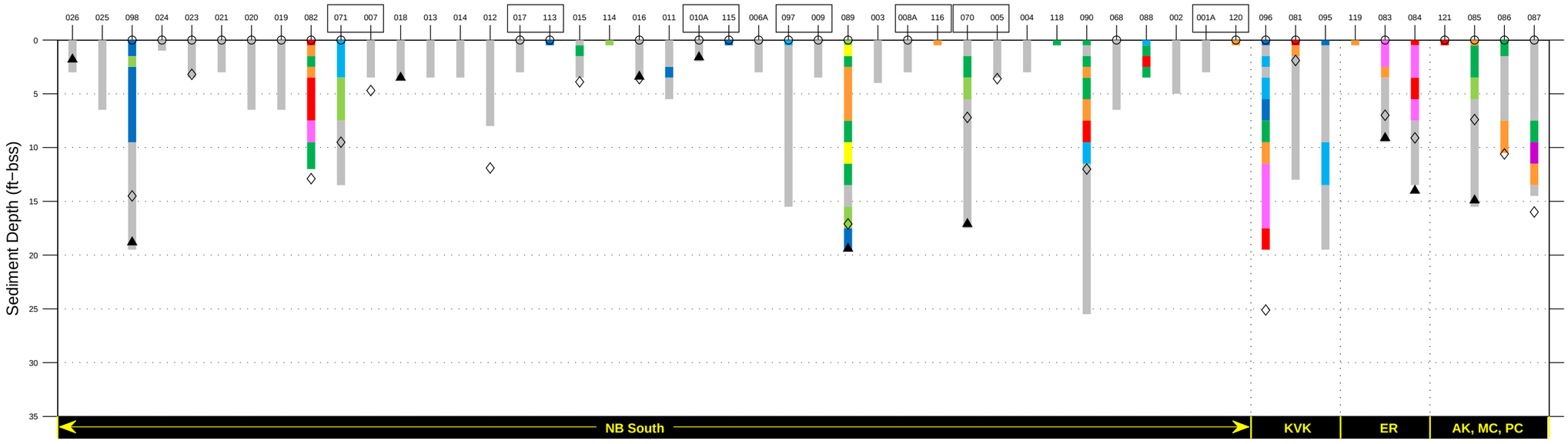




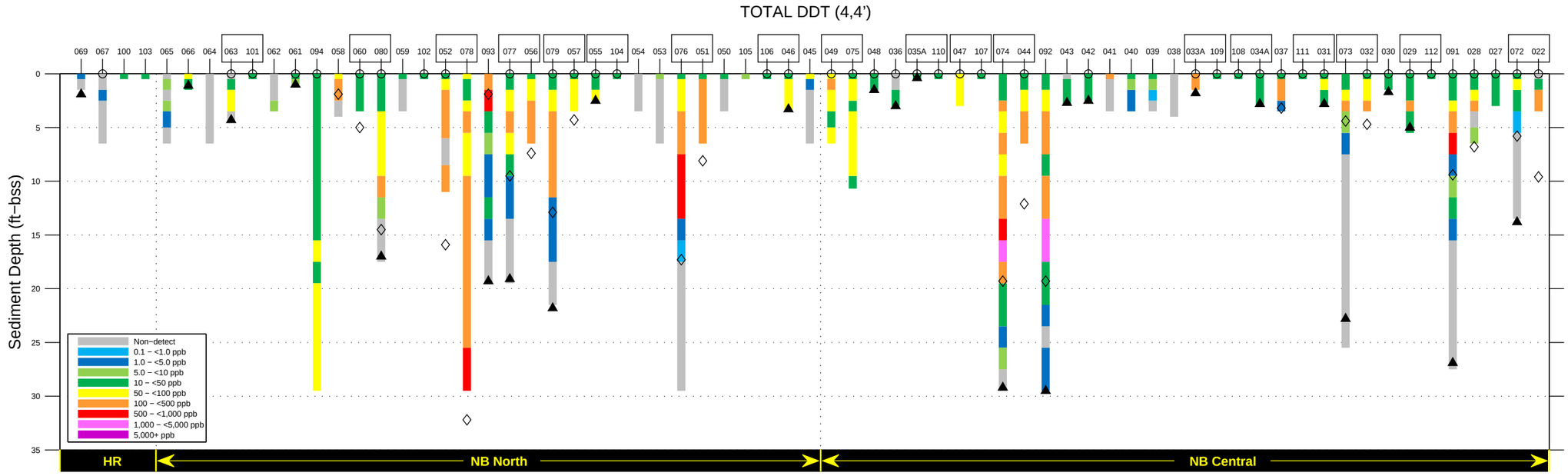
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
TOTAL CONGENER PCBS
FIGURE F−13

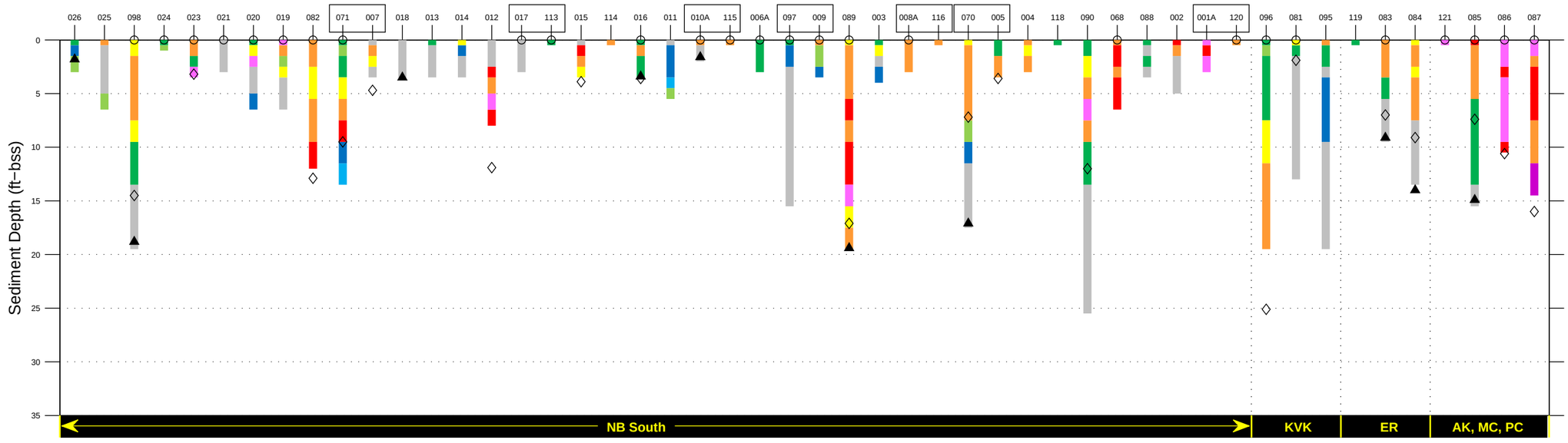
TOTAL ALPHA AND GAMMA CHLORDANE





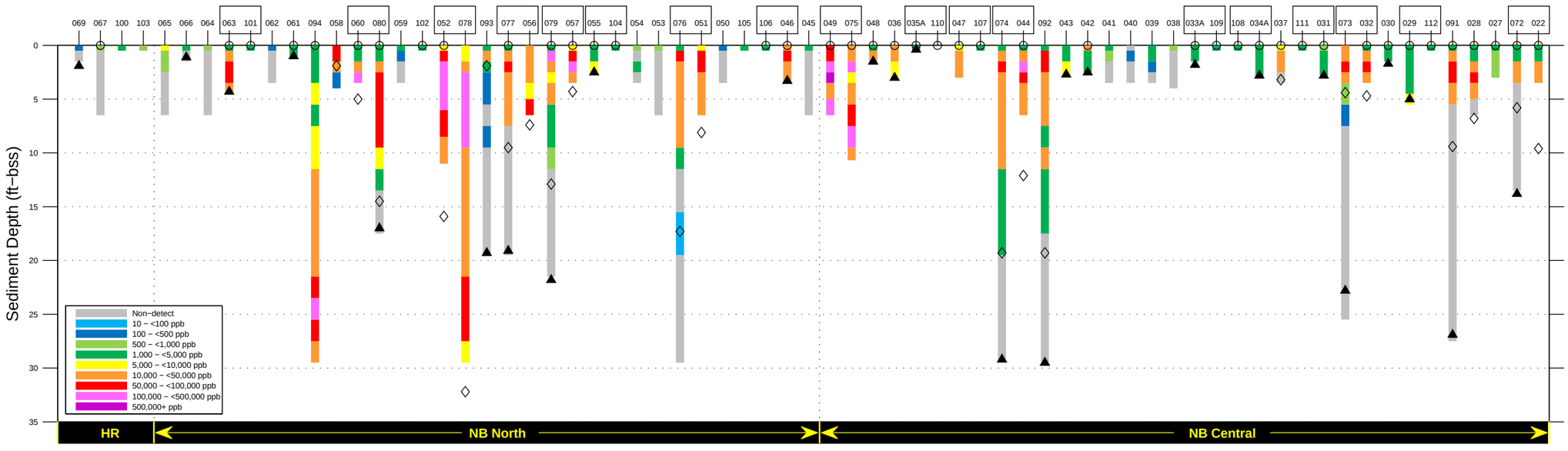
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
TOTAL ALPHA AND GAMMA CHLORDANE
FIGURE F−14

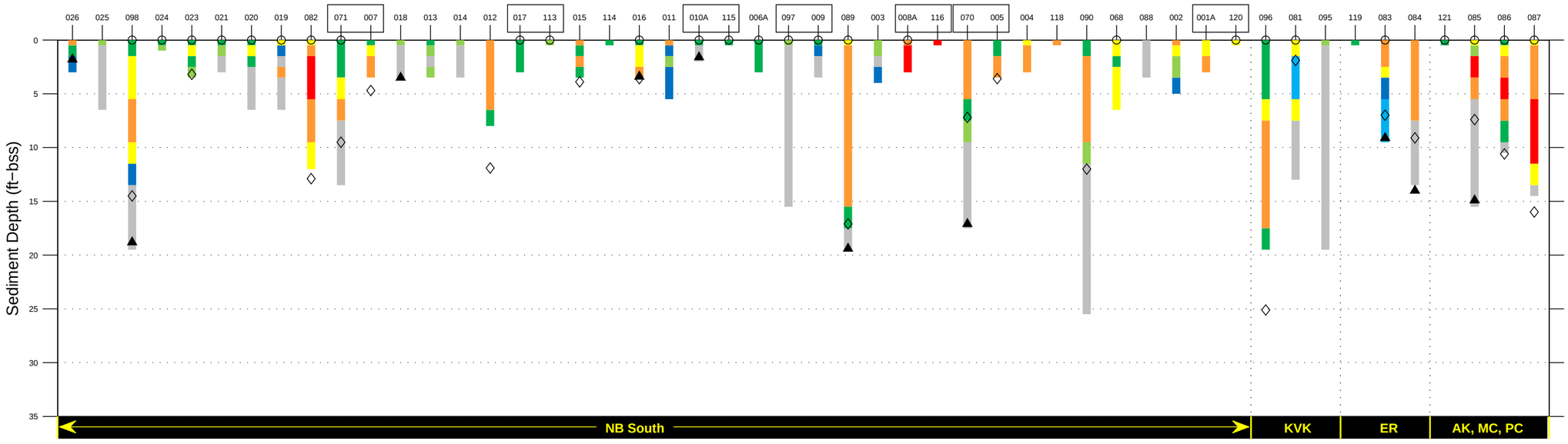




PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
TOTAL DDT (4,4')
FIGURE F–15

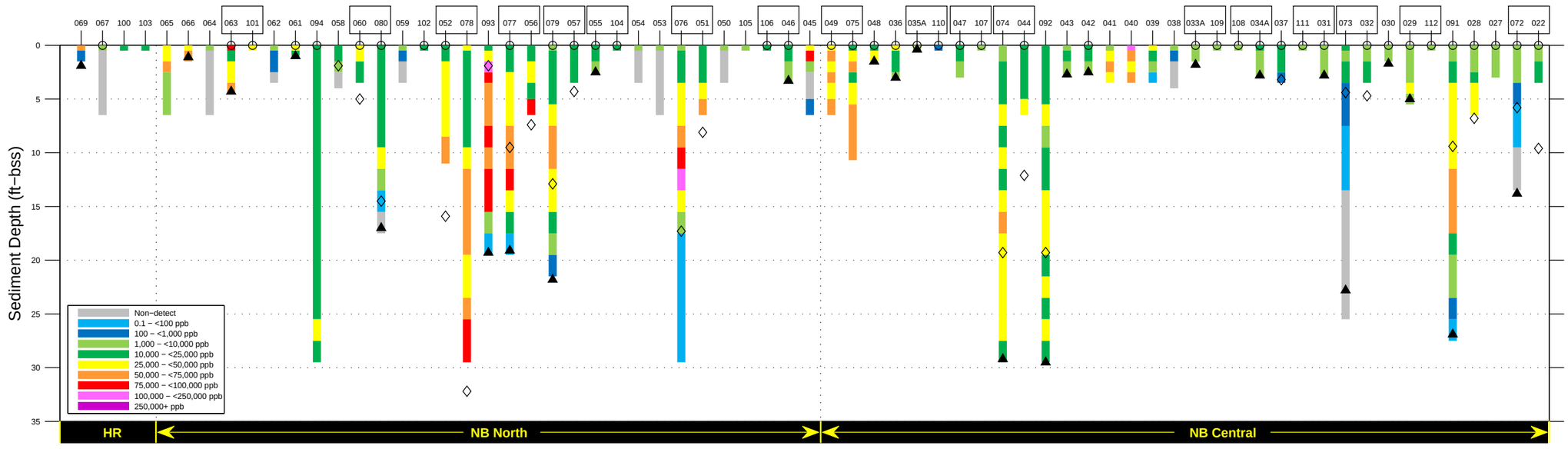
BEPH

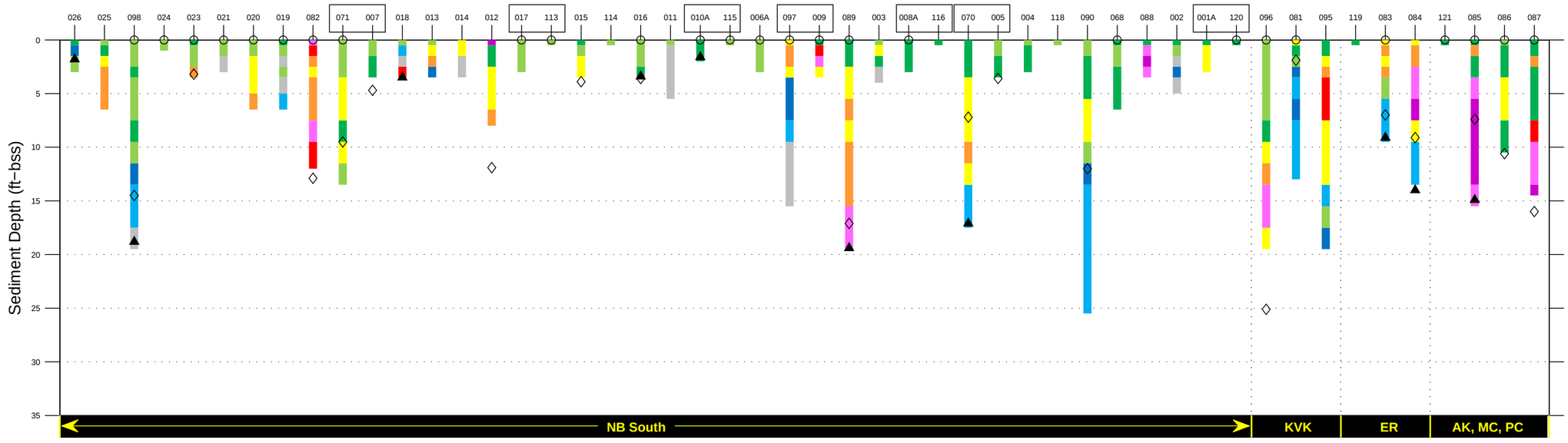




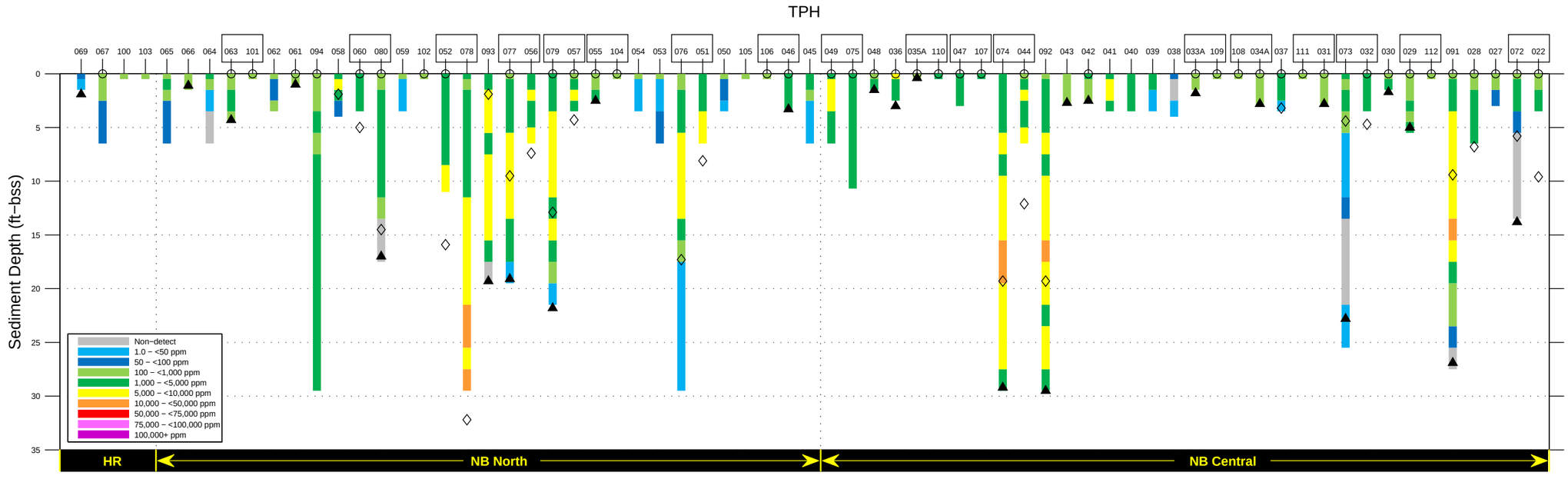
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
BEPH
FIGURE F–16

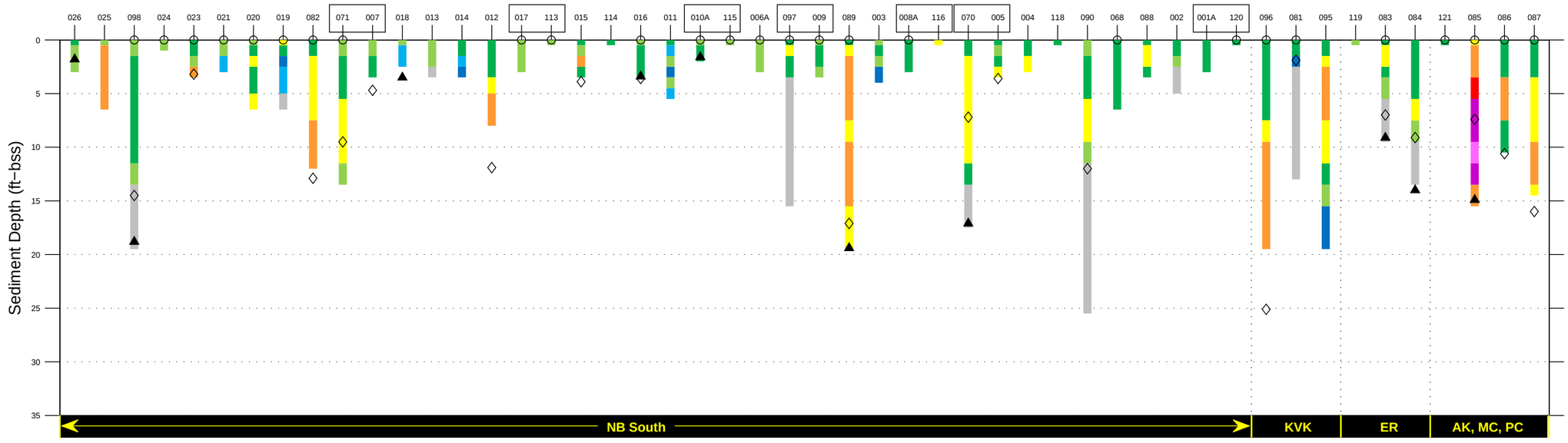
TOTAL PAHS





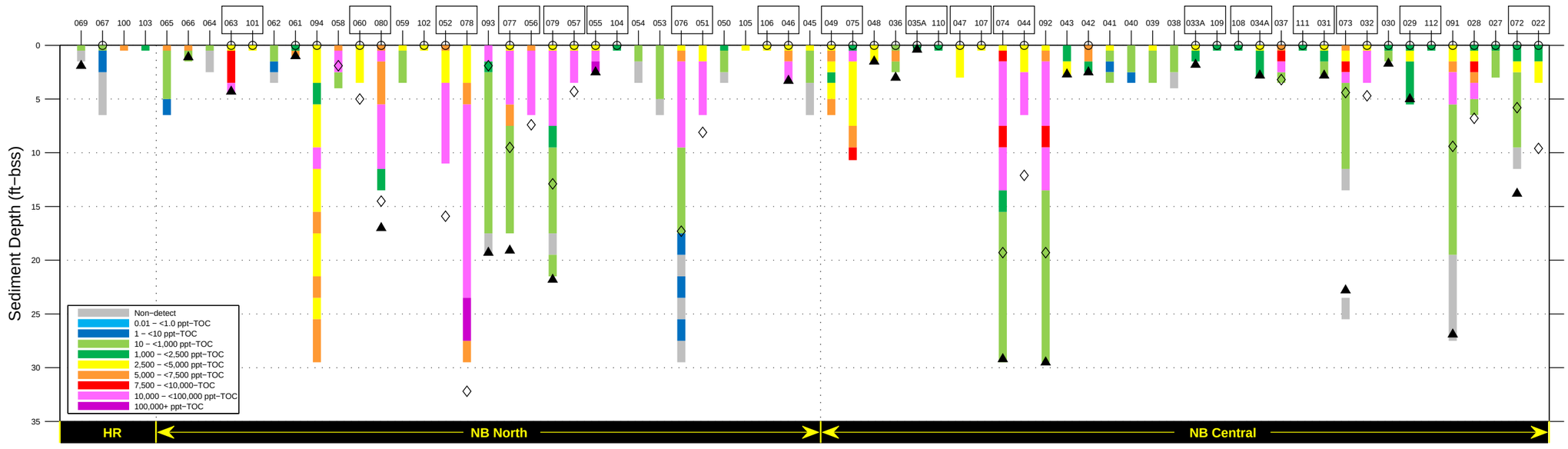
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
TOTAL PAHS
FIGURE F–17

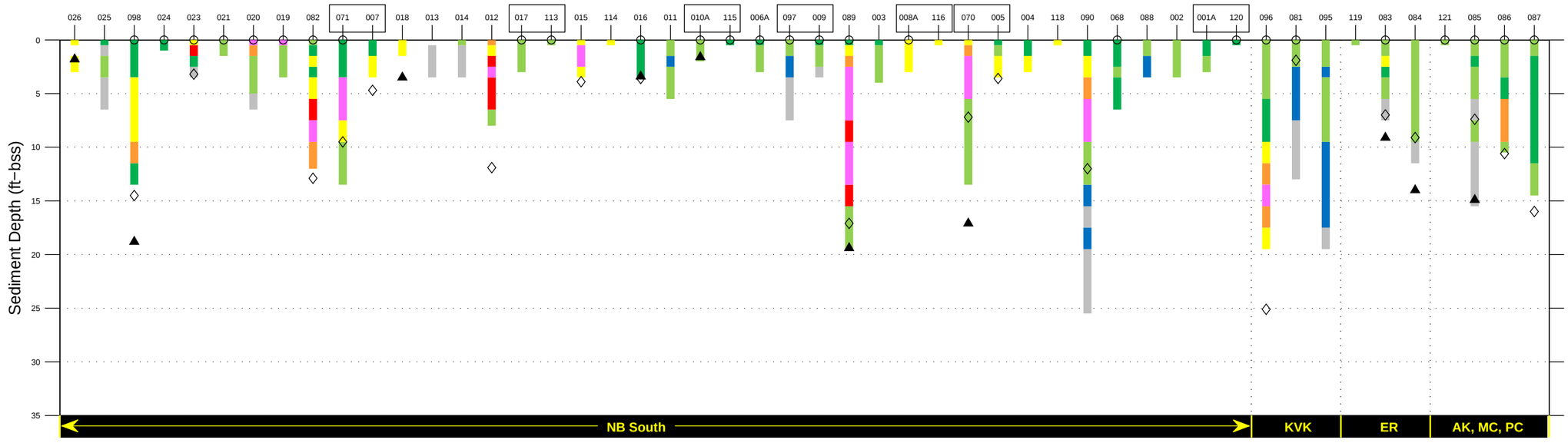




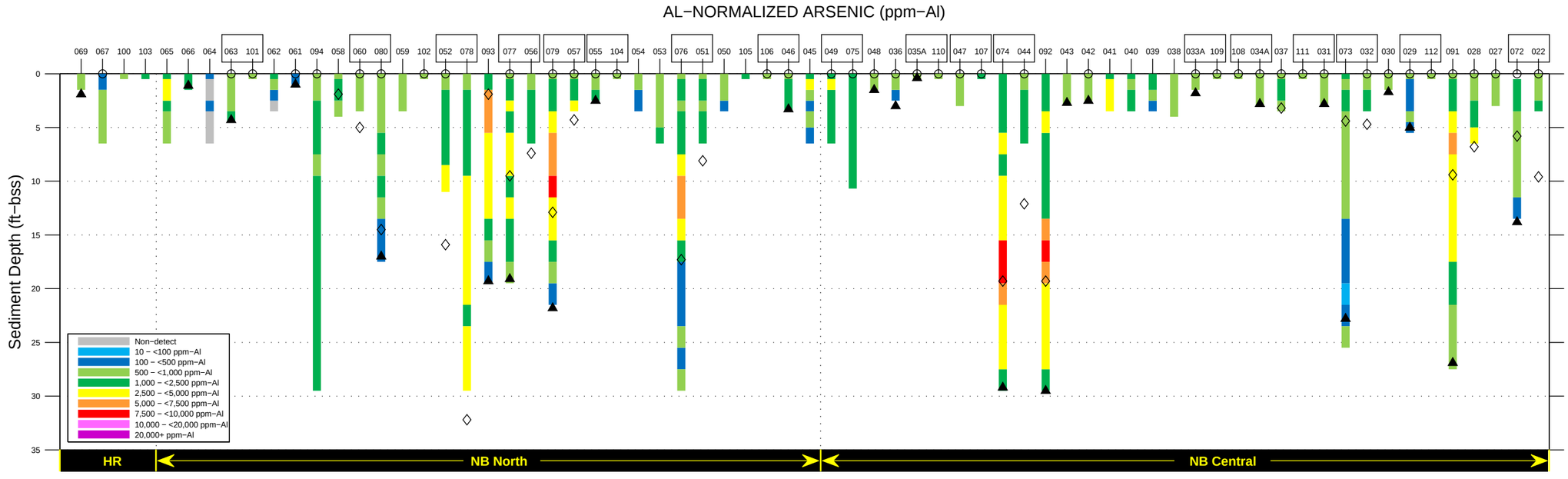
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
TPH
FIGURE F–18

TOC Normalized 2,3,7,8−TCDD



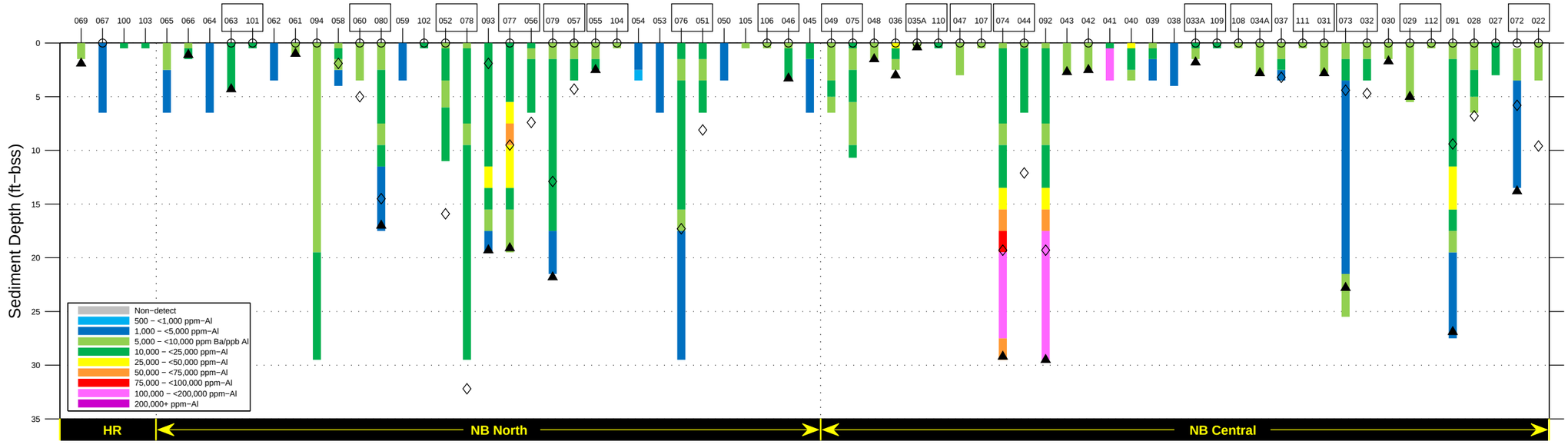


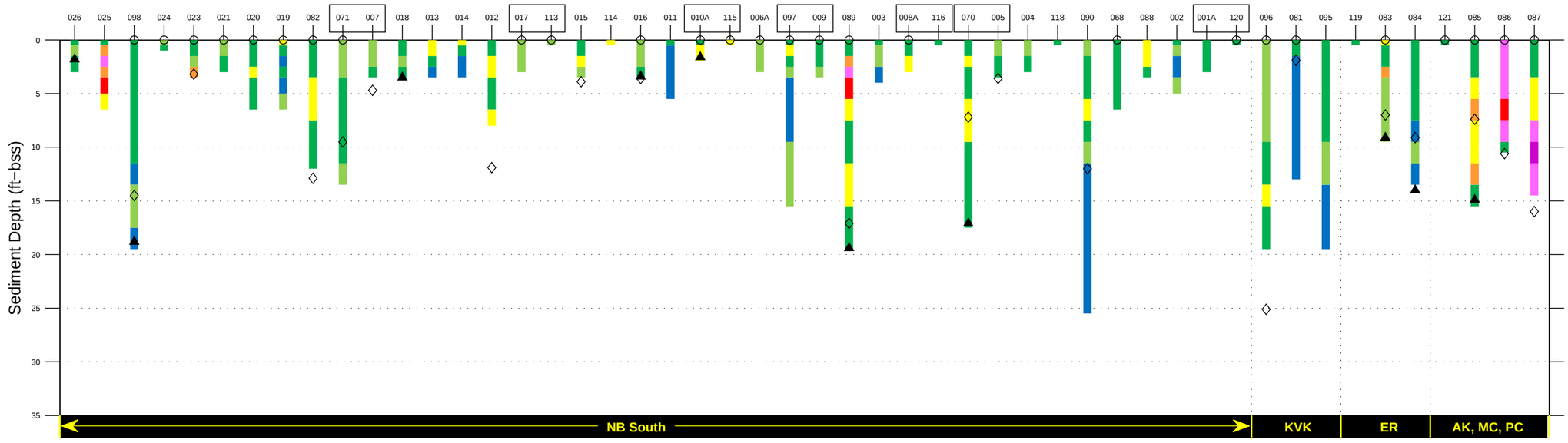
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
TOC Normalized 2,3,7,8−TCDD
FIGURE F−19



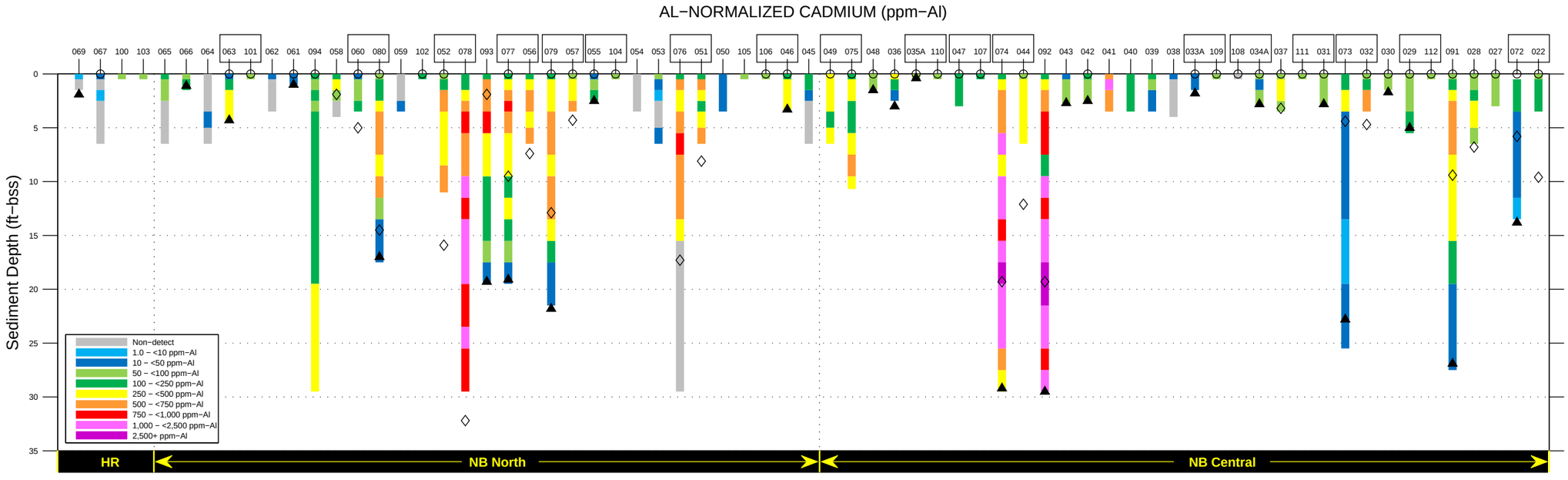
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
AL−NORMALIZED ARSENIC (ppm−Al)
FIGURE F−20

AL−NORMALIZED BARIUM (ppm−Al)

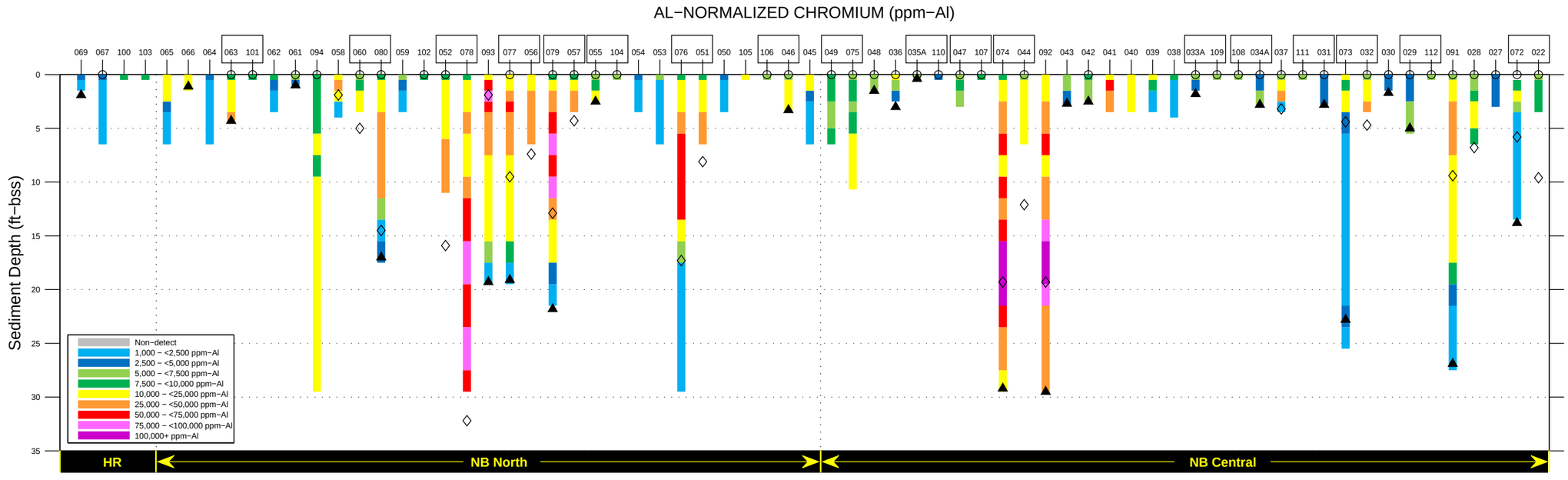


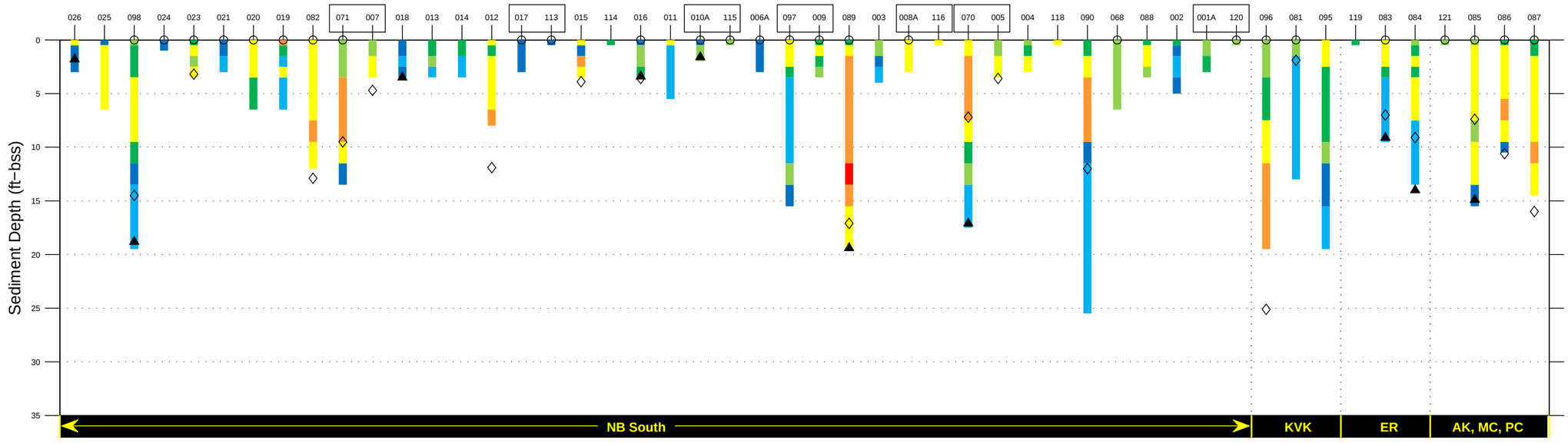


PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
AL−NORMALIZED BARIUM (ppm−Al)
FIGURE F−21

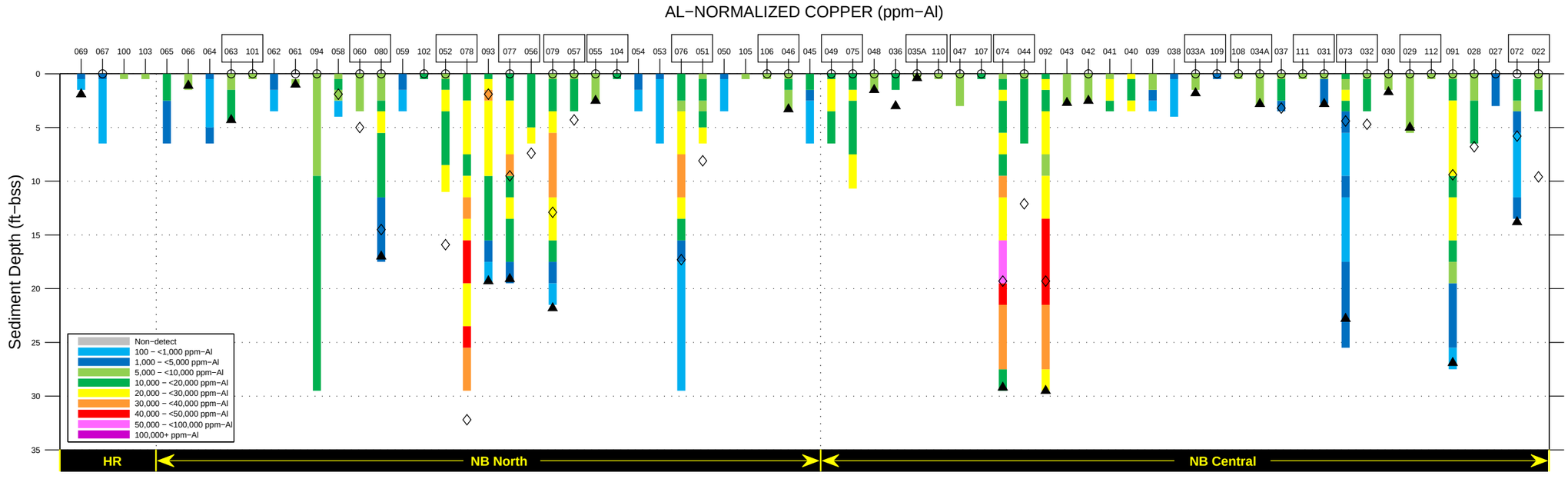


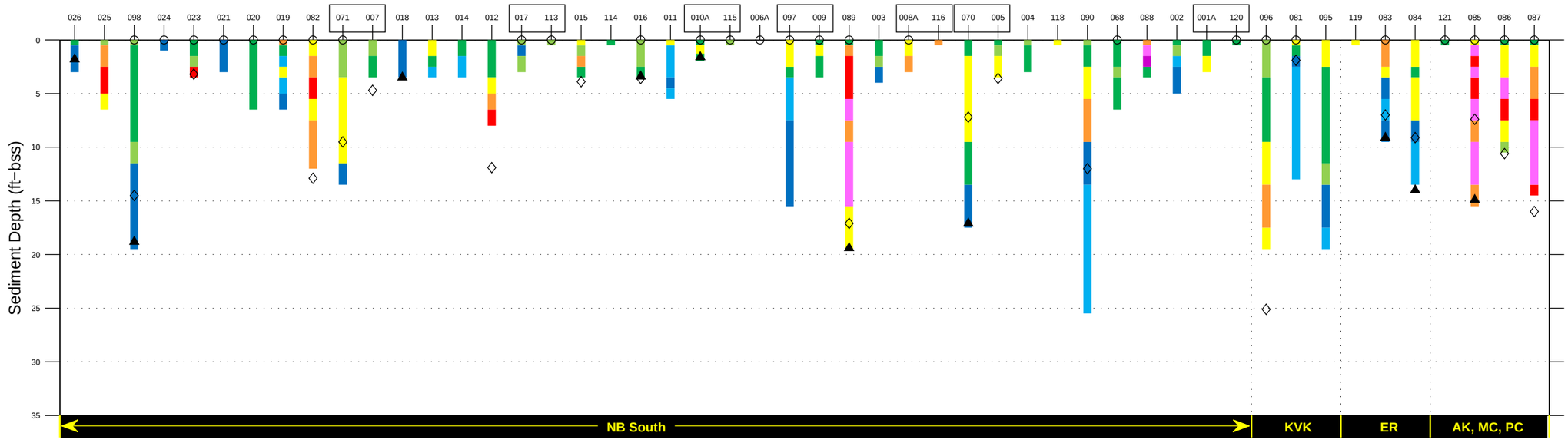
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
AL−NORMALIZED CADMIUM (ppm−Al)
FIGURE F−22



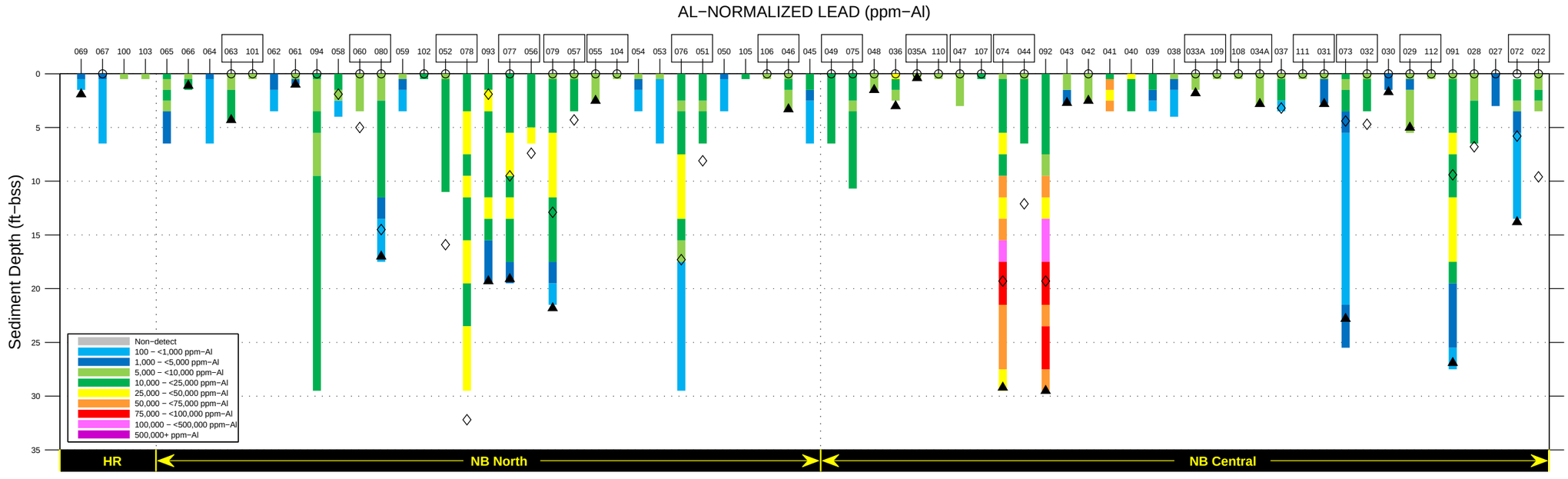


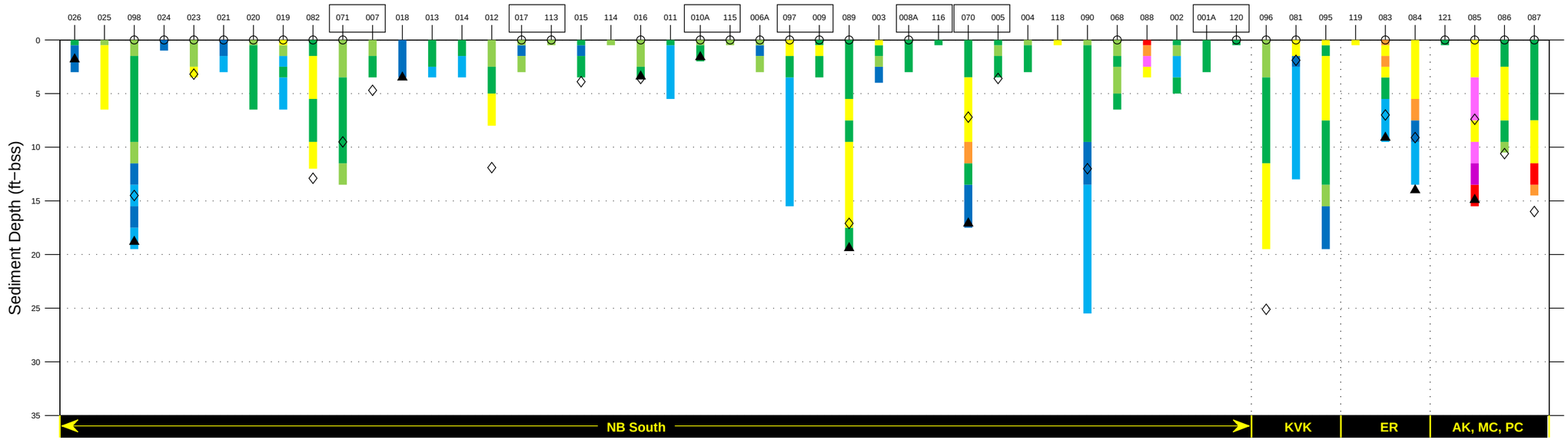
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
AL−NORMALIZED CHROMIUM (ppm−Al)
FIGURE F−23



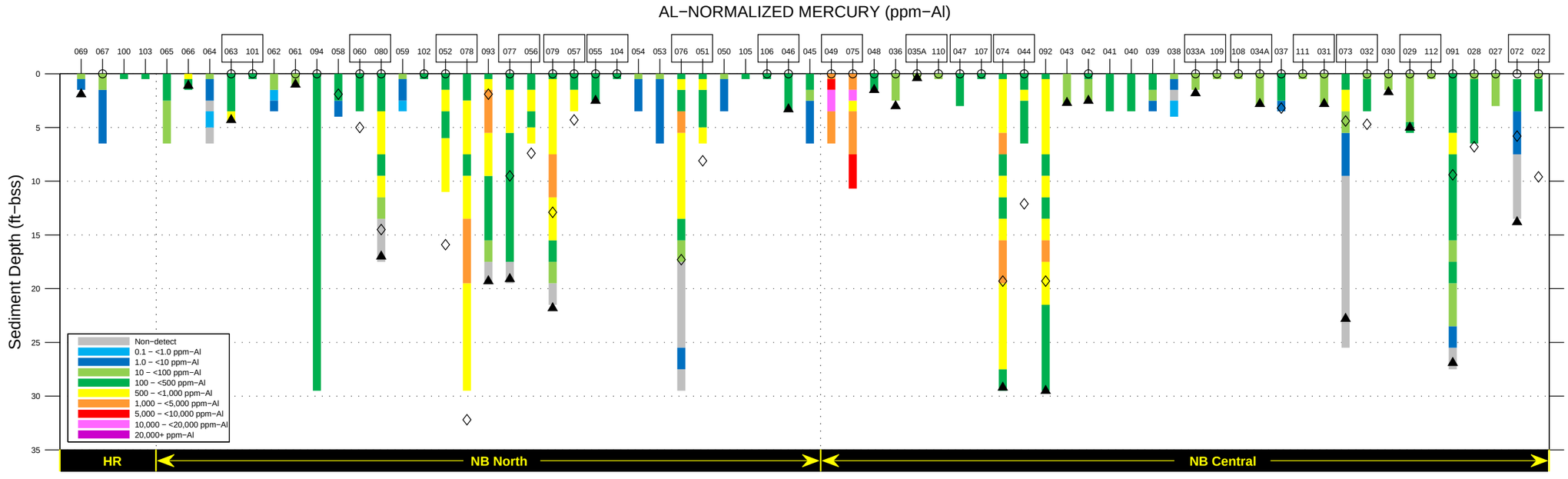


PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
AL−NORMALIZED COPPER (ppm−Al)
FIGURE F−24

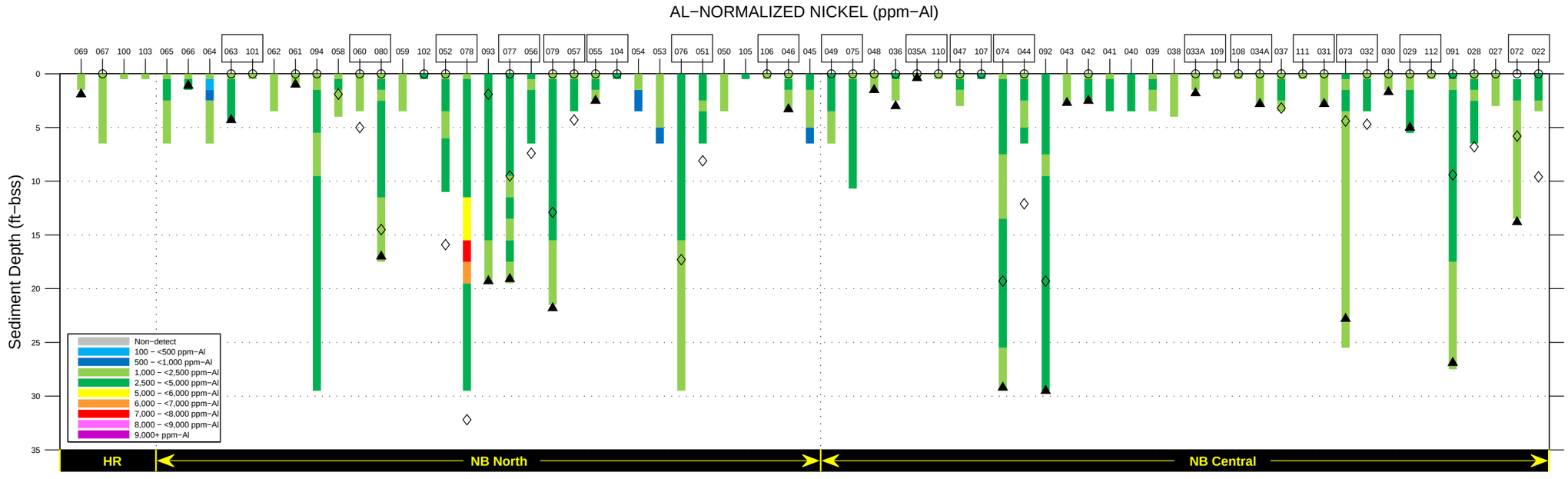




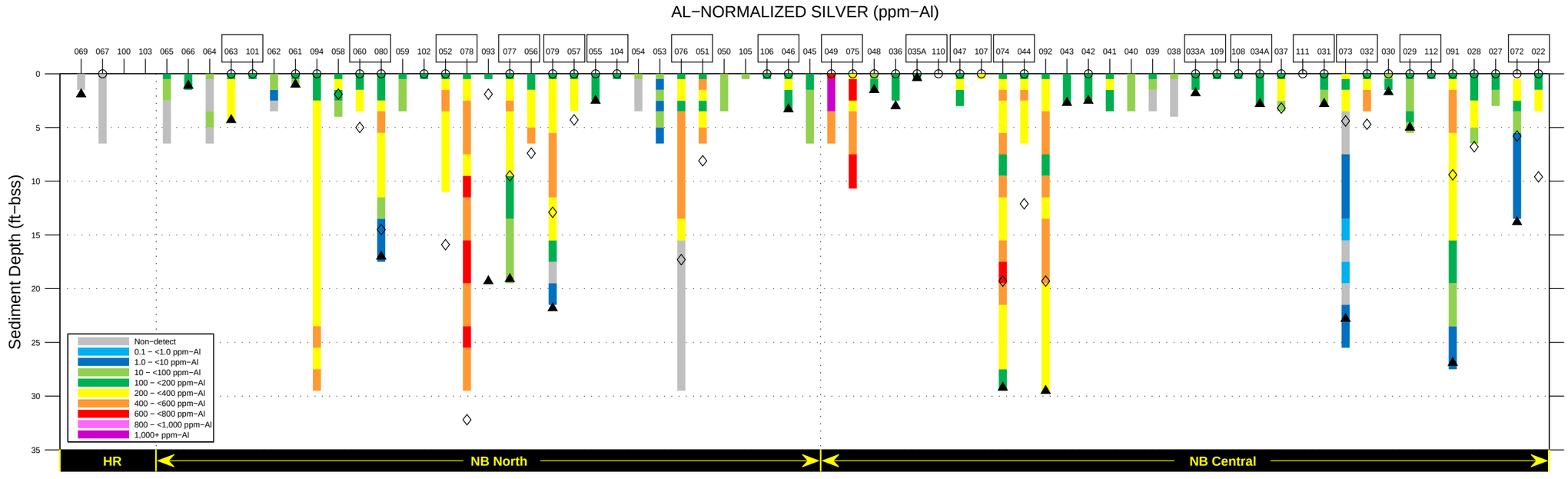
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
AL−NORMALIZED LEAD (ppm−Al)
FIGURE F−25



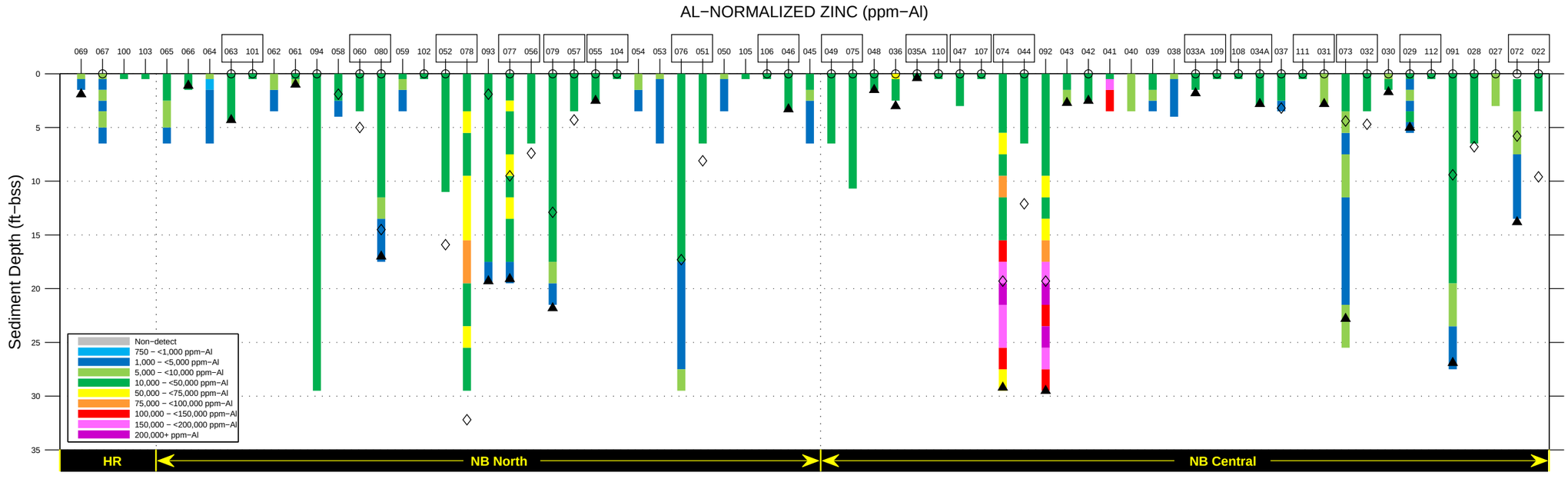
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
AL−NORMALIZED MERCURY (ppm−Al)
FIGURE F−26

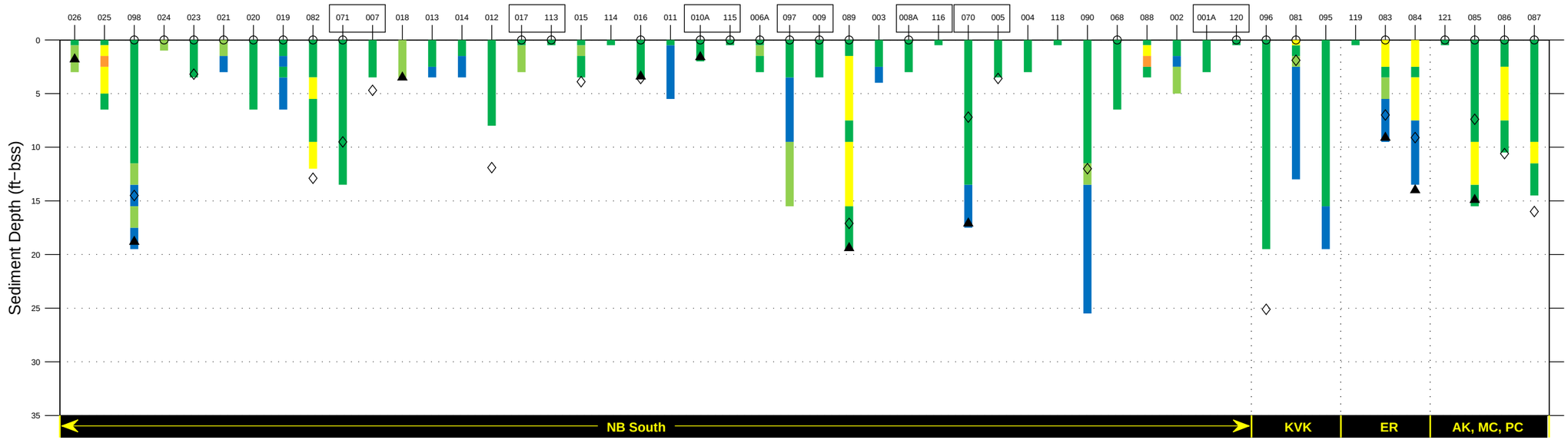


PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
AL−NORMALIZED NICKEL (ppm−Al)
FIGURE F−27



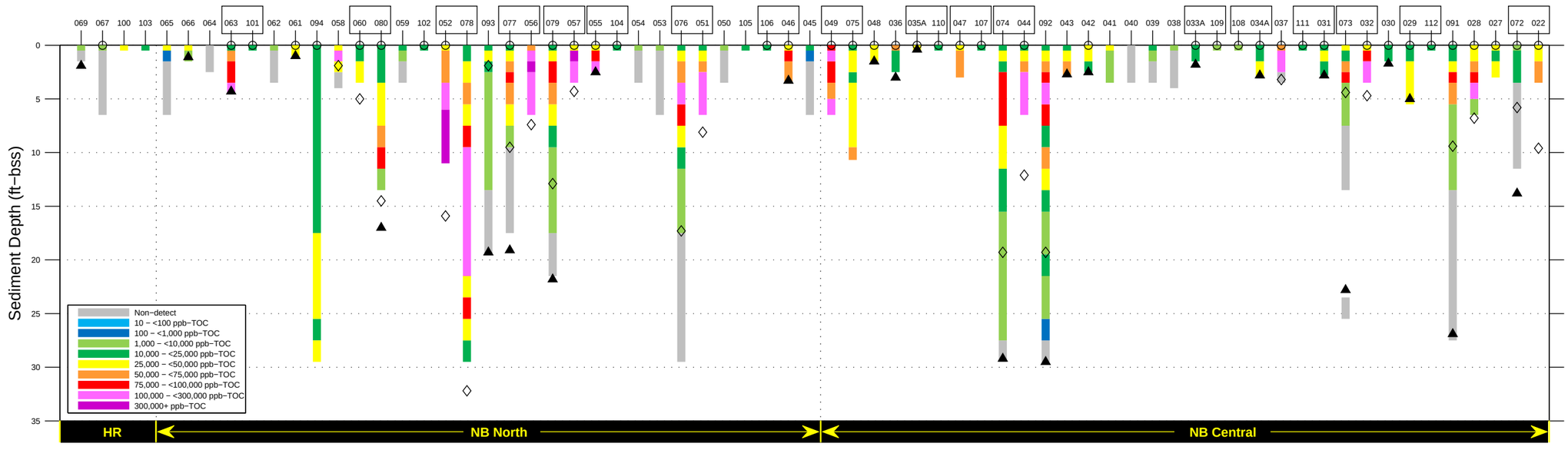
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
AL−NORMALIZED SILVER (ppm−Al)
FIGURE F−28

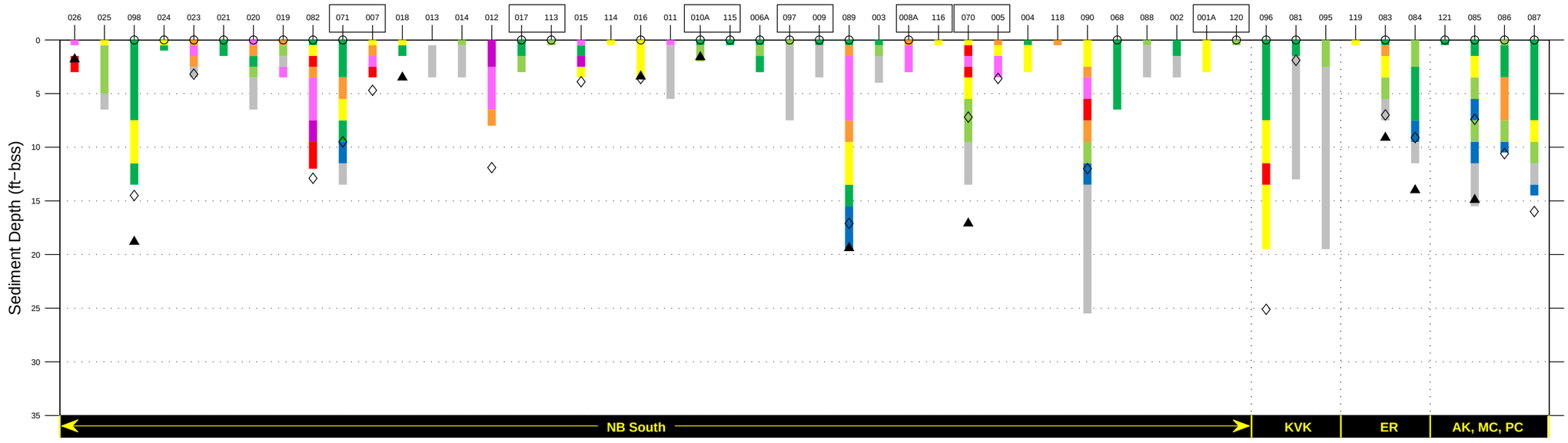




PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
AL−NORMALIZED ZINC (ppm−Al)
FIGURE F−29

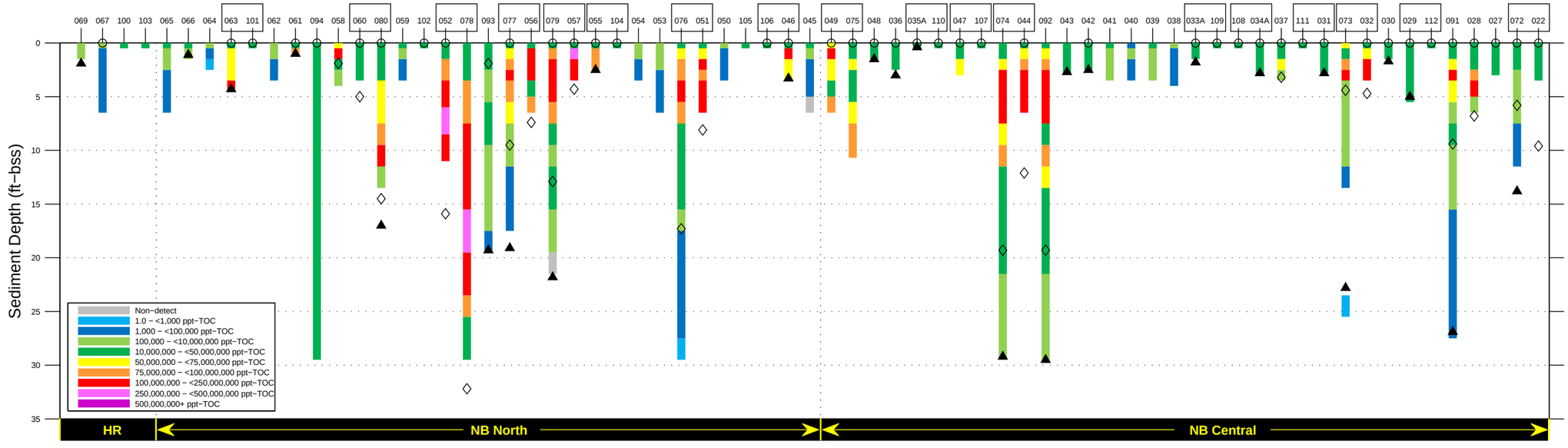
TOC Normalized Total Aroclor PCBs

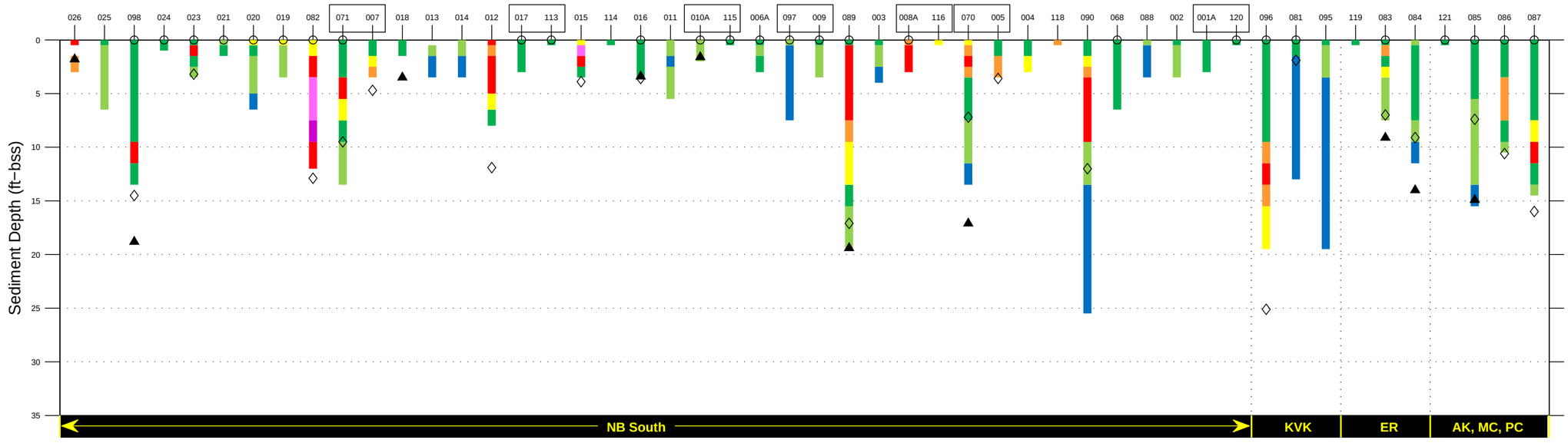




PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
TOC Normalized Total Aroclor PCBs
FIGURE F−30

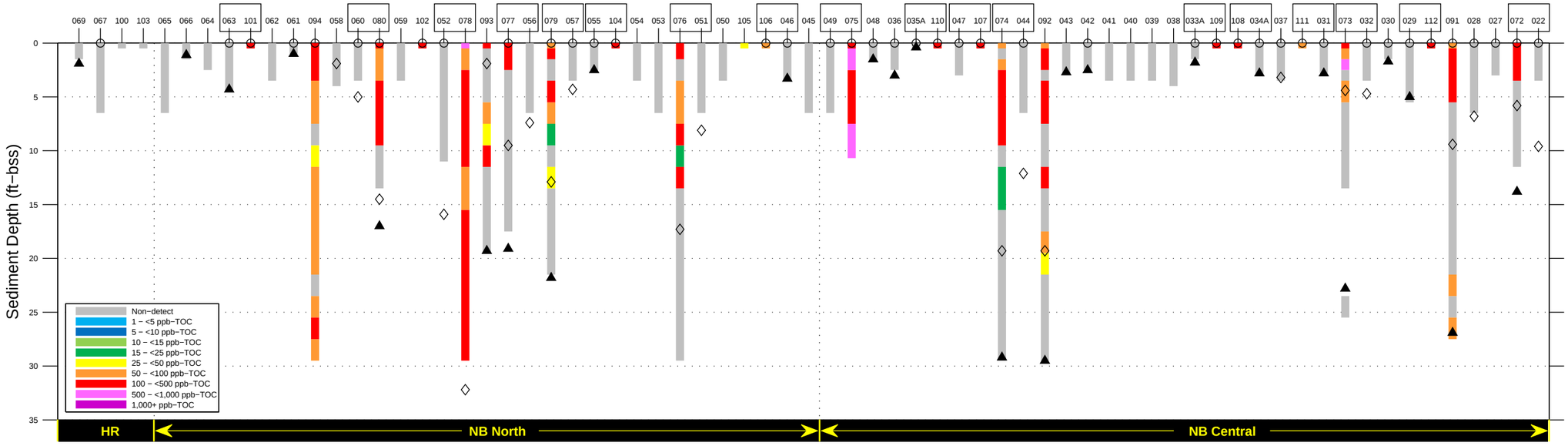
TOC Normalized Total Congener PCBs

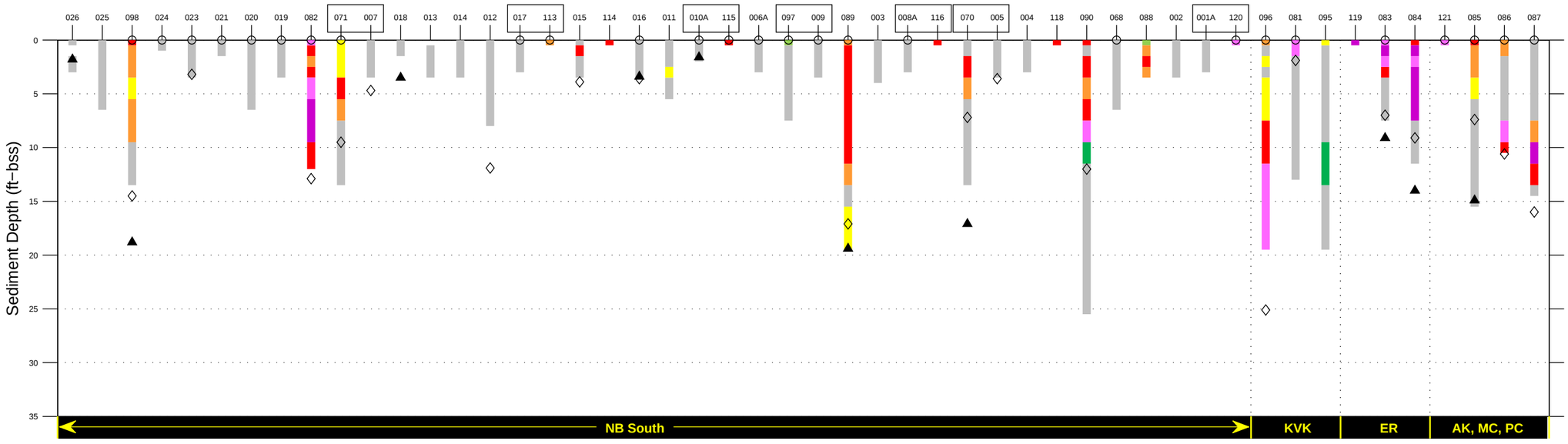




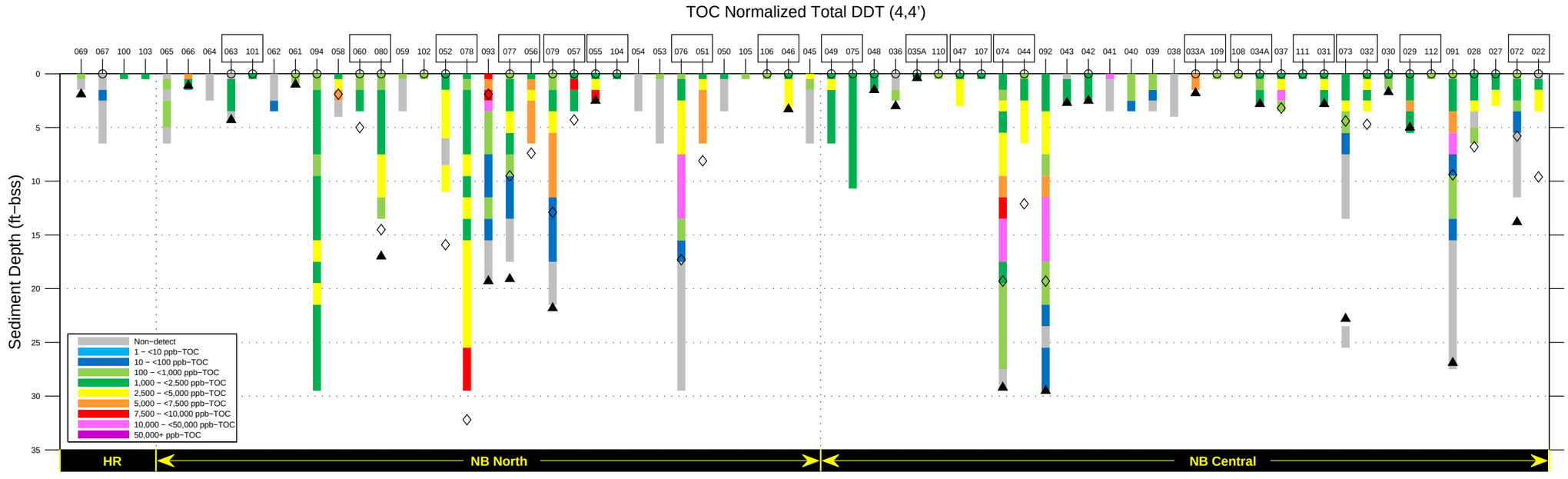
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
TOC Normalized Total Congener PCBs
FIGURE F−31

TOC Normalized Total Alpha and Gamma Chlordane

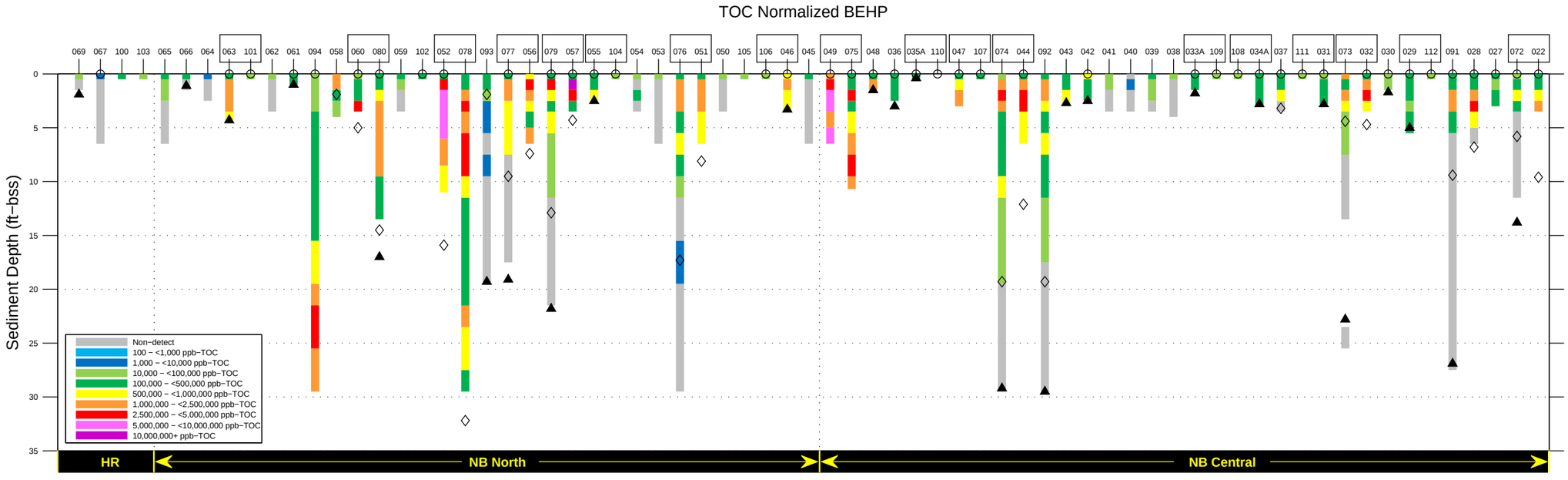


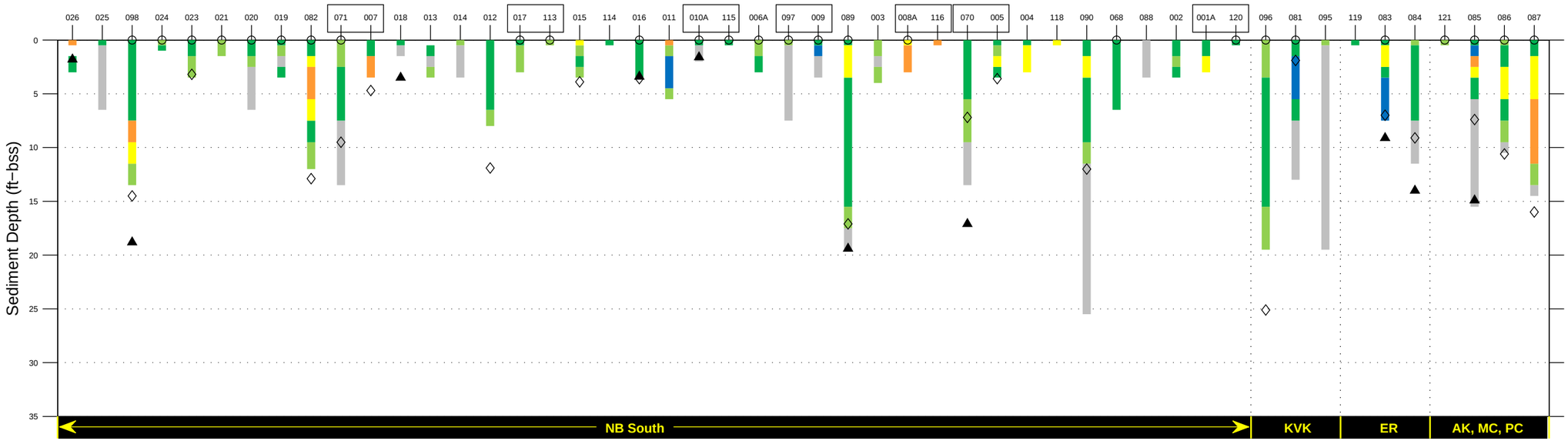


PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
TOC Normalized Total Alpha and Gamma Chlordane
FIGURE F−32



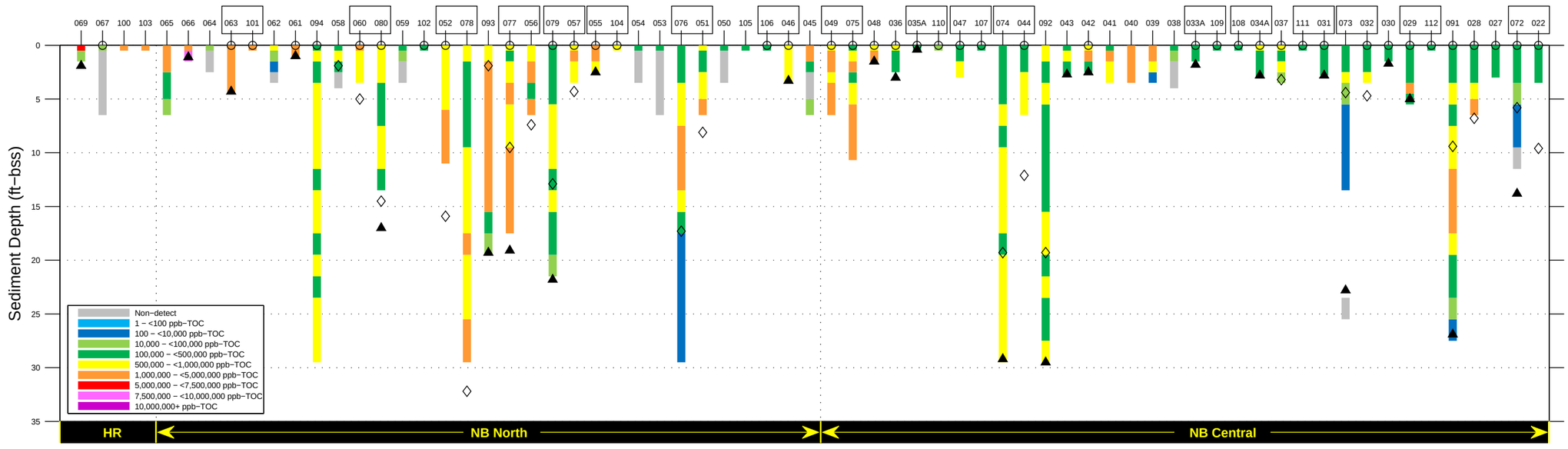
PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
TOC Normalized Total DDT (4,4')
FIGURE F−33

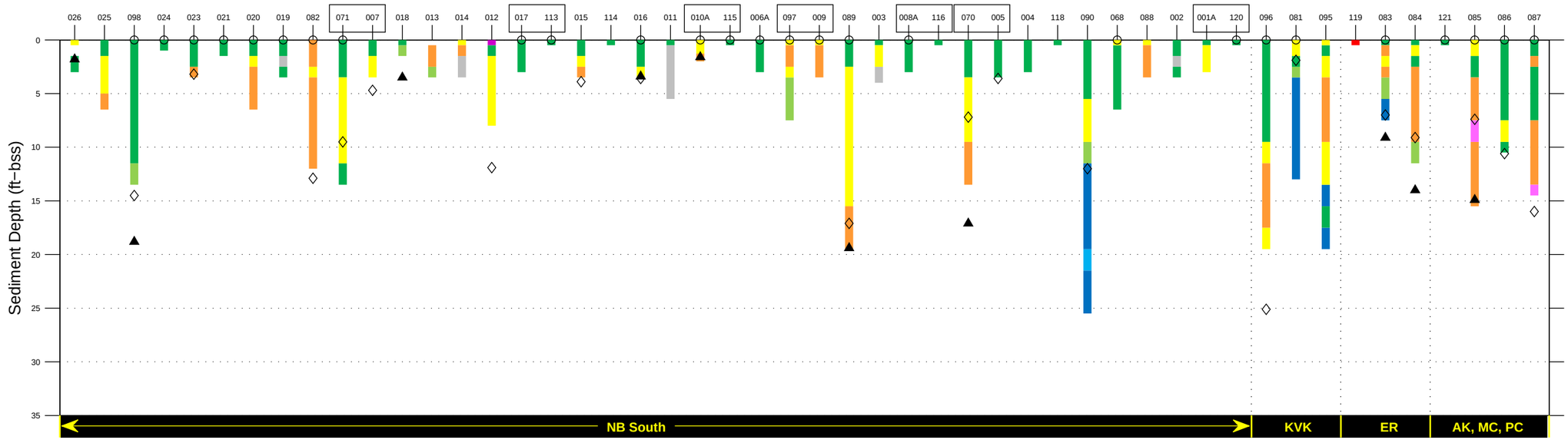




PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
TOC Normalized BEHP
FIGURE F−34

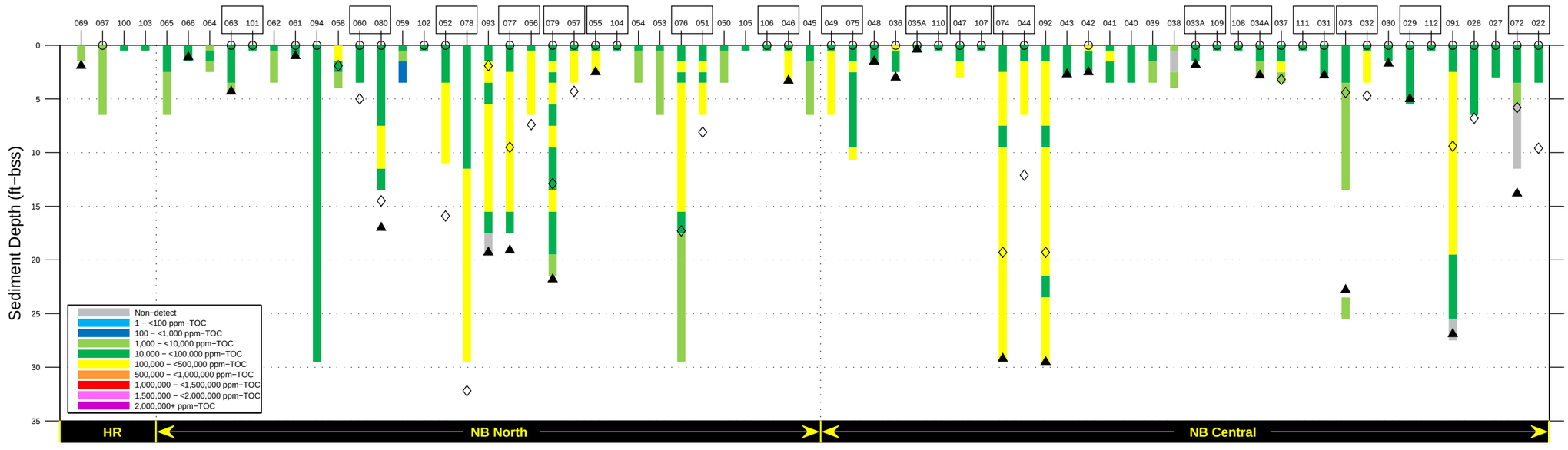
TOC Normalized Total PAHs

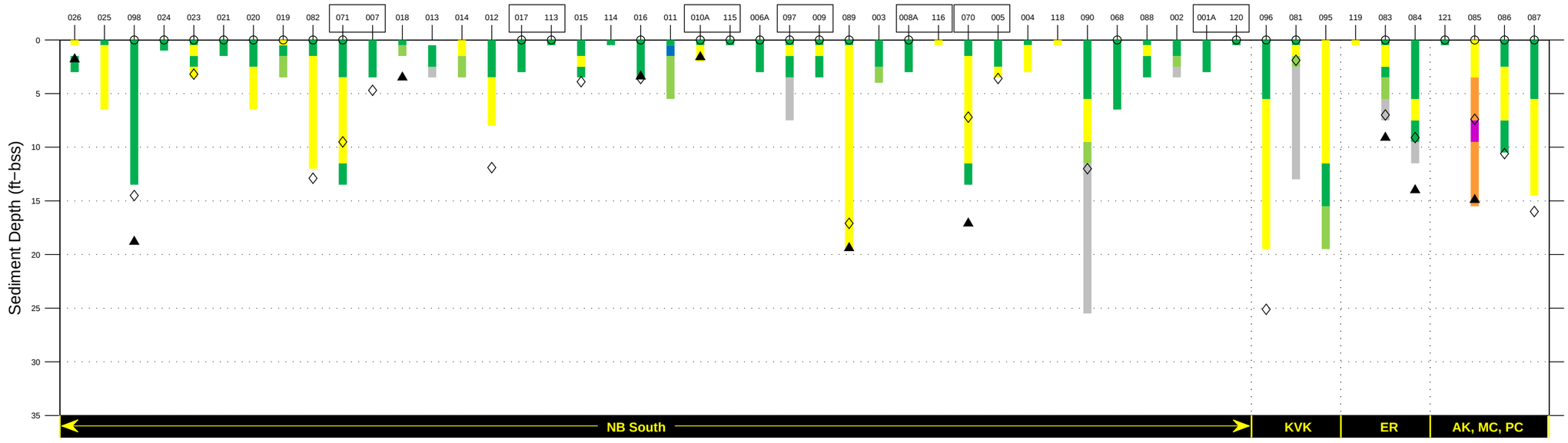




PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
TOC Normalized Total PAHs
FIGURE F−35

TOC Normalized TPH





PHASE I AND PHASE II SEDIMENT CHEMISTRY DATA
TOC Normalized TPH
FIGURE F−36

Appendix G

Box and Whisker Plots

G-1 through G-18 – Non-Normalized Plots
G-19 through G-36 – Normalized Plots
G-37 through G-54 – Plots showing Beryllium-Bearing

Appendix G: Box and Whisker Plots

Notes:

1. This figure series presents data for each of the 18 select chemicals identified for focused evaluation in Section 4.3.
2. A diagram of a box and whisker plot is illustrated below.
3. Box and whisker plots for Newark Bay North, Newark Bay Central, and Newark Bay South only show Phase I and Phase II data.
4. Non-detect samples for chemicals were included and shown on the box and whisker plots at the full detection limit. The number of non-detects is indicated in parenthesis for each sample size.
5. Surface sediment data consists of samples from 0 to 0.5 ft bss; mid-depth data consist of samples from 0.5 to 3.5 ft bss; and subsurface data consist of samples >3.5 ft bss.
6. If a chemical was not analyzed for a particular sampling event, a box and whisker plot does not appear in the figure.

Acronyms:

2, 3, 7, 8-TCDD = 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin
Al = aluminum
Be-7 = beryllium-7
BEHP = bis (2-ethylheyxl) phthalate
CARP = Contaminant Assessment and Reduction Program
DDT = dichlorodiphenyl-trichloroethane
Elizabeth = Elizabeth River
ft bss = feet below sediment surface
KVK = Kill van Kull
Morses = Morses Creek
n = sample size
NB = Newark Bay
PAH = polycyclic aromatic hydrocarbon
PCB = polychlorinated biphenyl
Piles = Piles Creek
ppb = parts per billion
ppm = parts per million
ppt = parts per trillion
TOC = total organic carbon
TPH = total petroleum hydrocarbons
USACE = U.S. Army Corps of Engineers

Box and Whisker Plot Legend

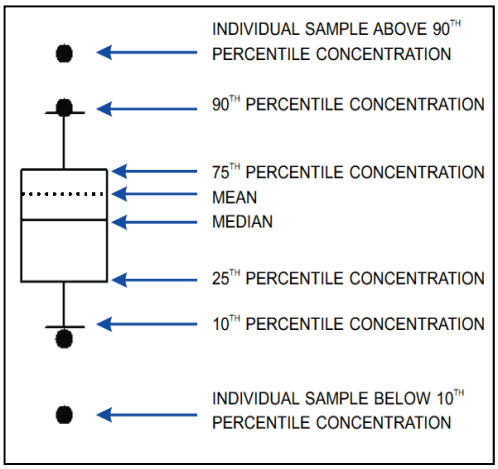
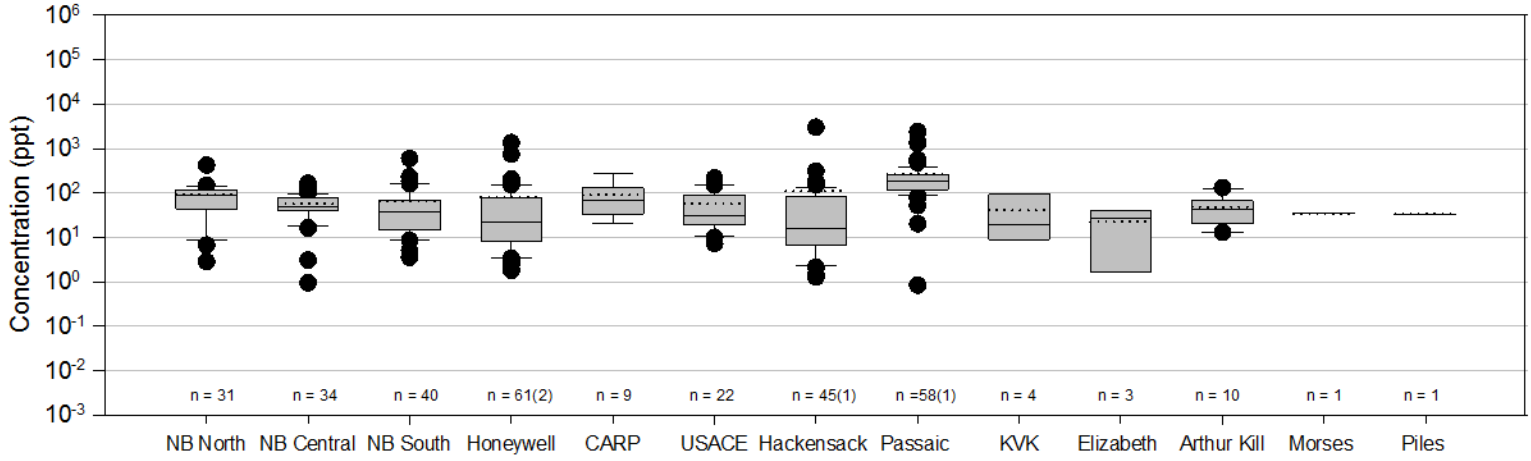
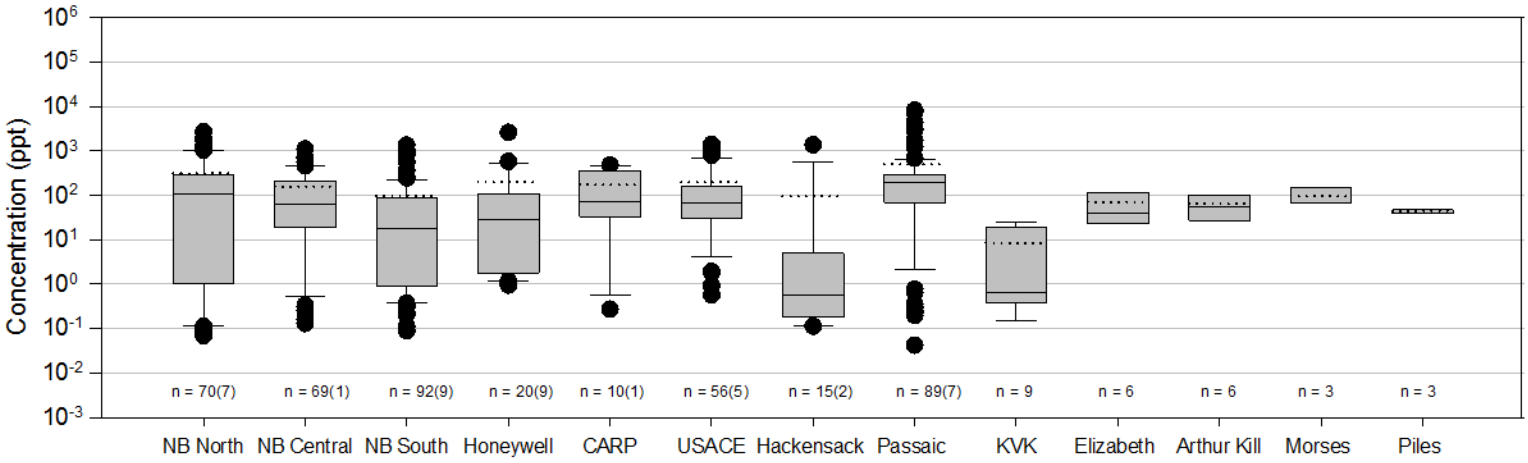


Figure G-1: 2,3,7,8-TCDD

Surface Data (0-0.5 ft bss)



Mid-Depth Data (0.5-3.5 ft bss)



Subsurface Data (>3.5 ft bss)

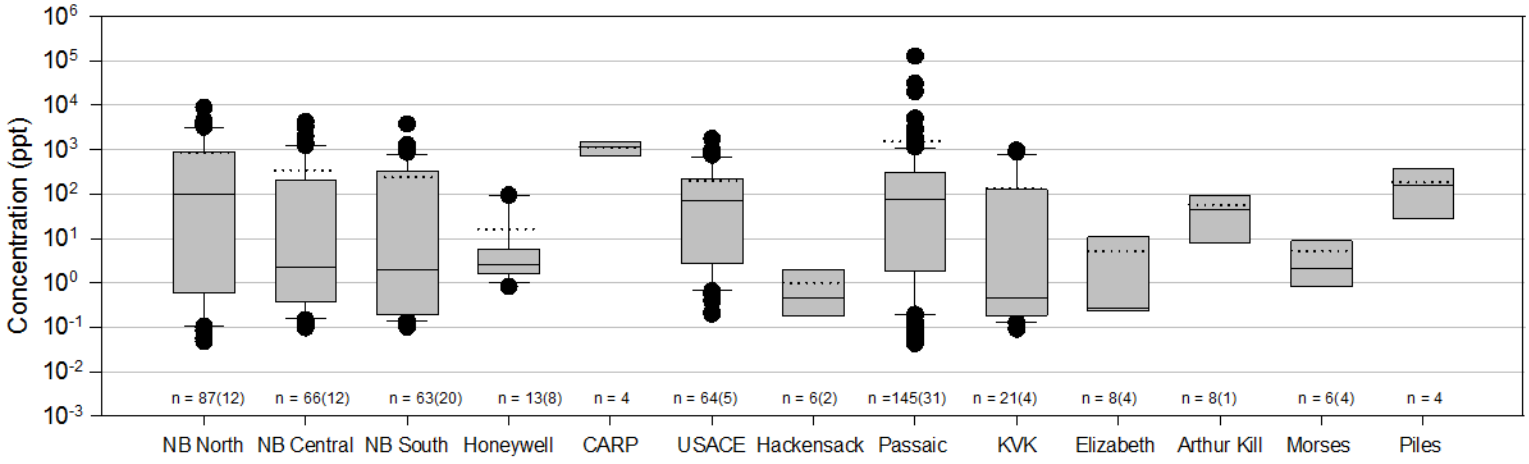
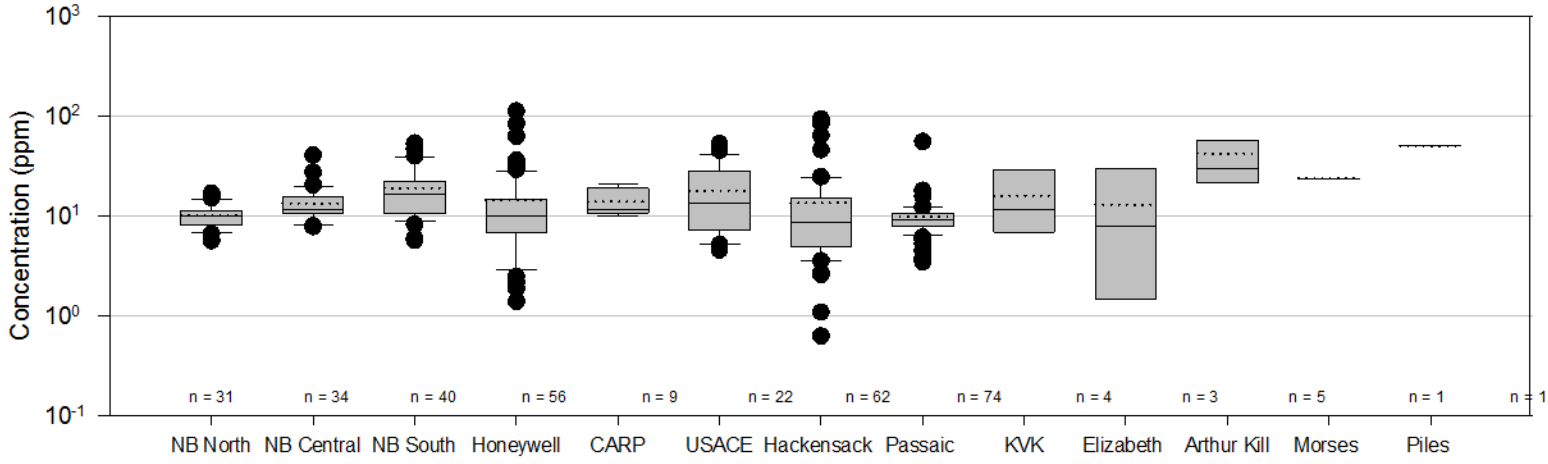
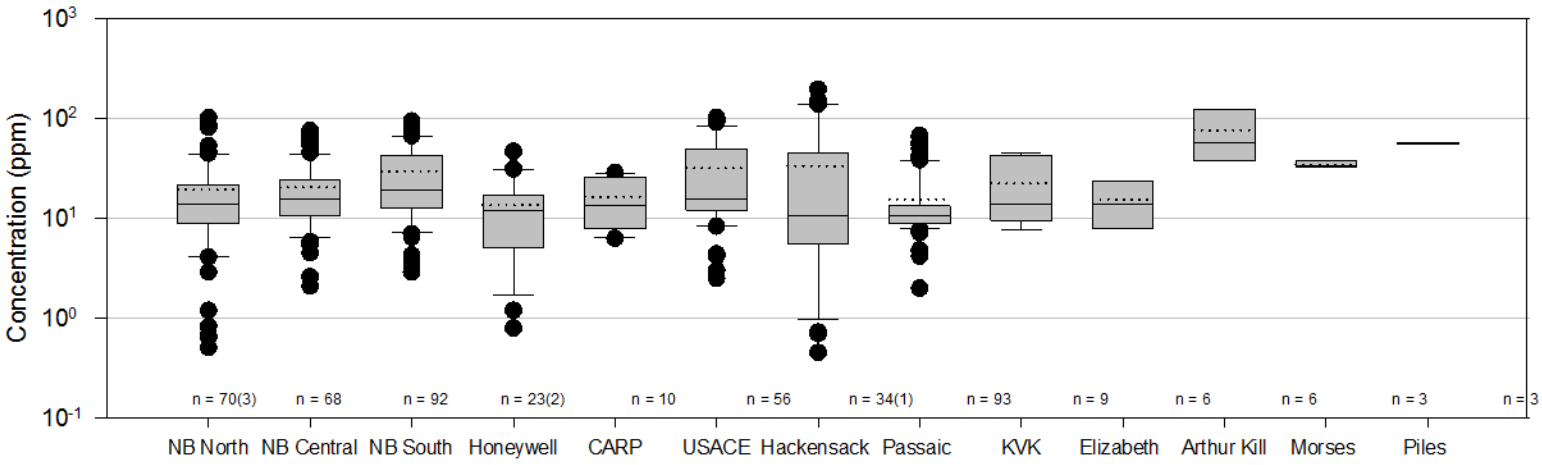


Figure G-2: Arsenic

Surface Data (0-0.5 ft bss)



Mid-Depth Data (0.5-3.5 ft bss)



Subsurface Data (>3.5 ft bss)

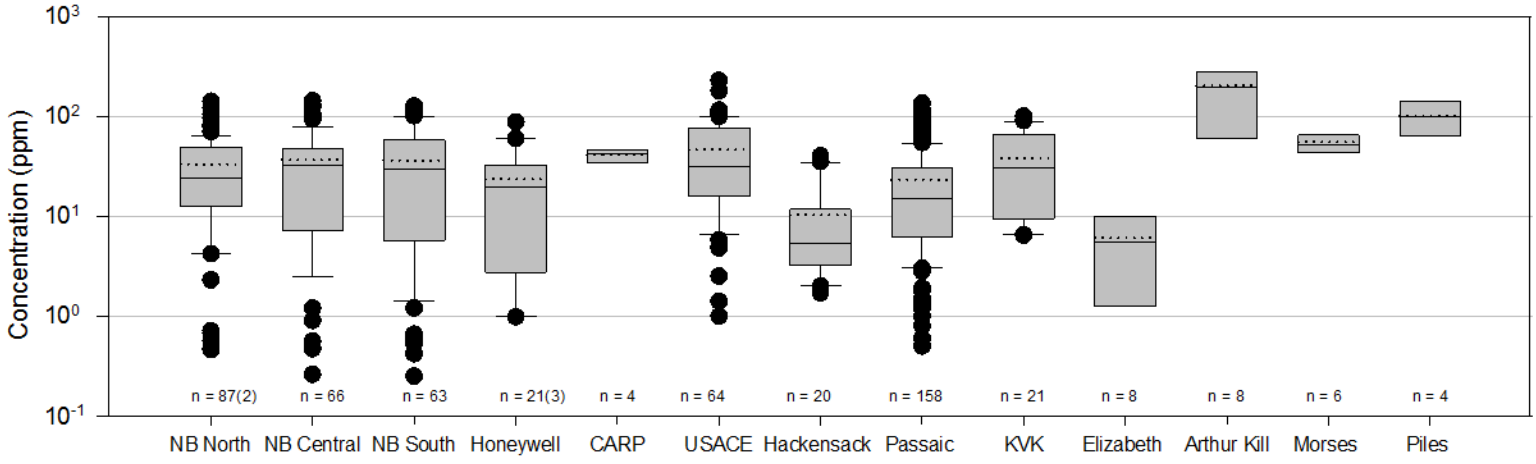
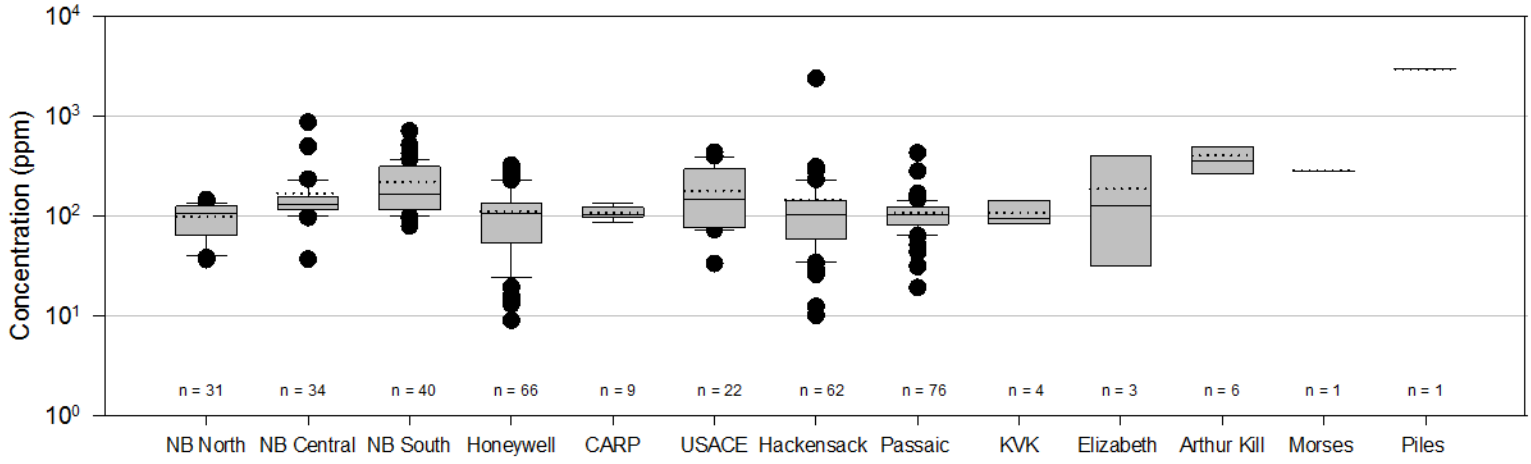
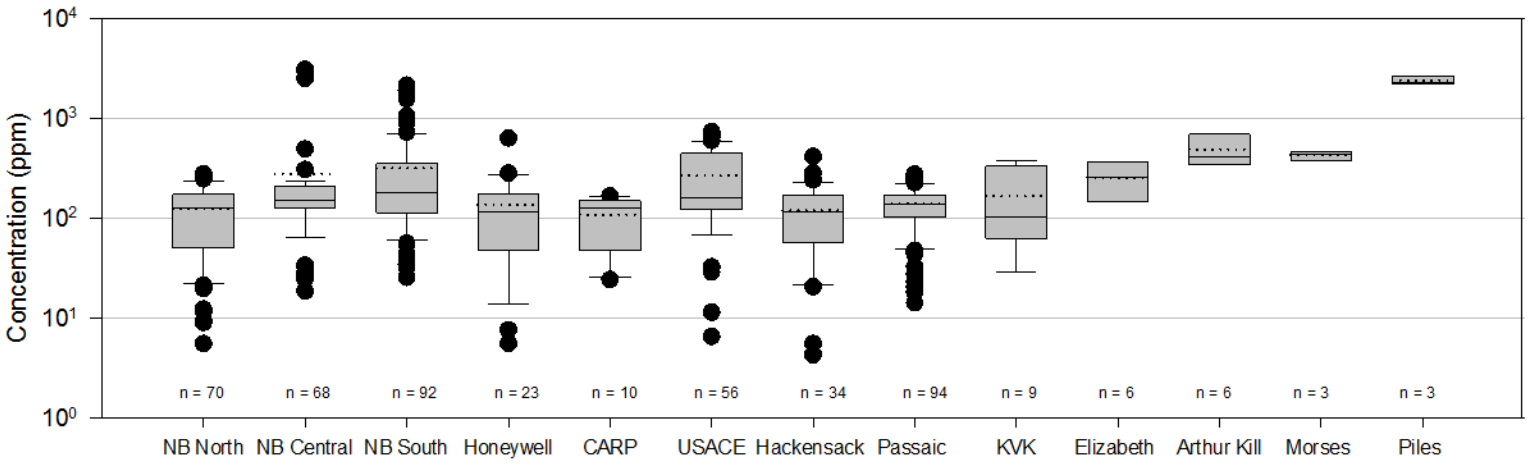


Figure G-3: Barium

Surface Data (0-0.5 ft bss)



Mid-Depth Data (0.5-3.5 ft bss)



Subsurface Data (>3.5 ft bss)

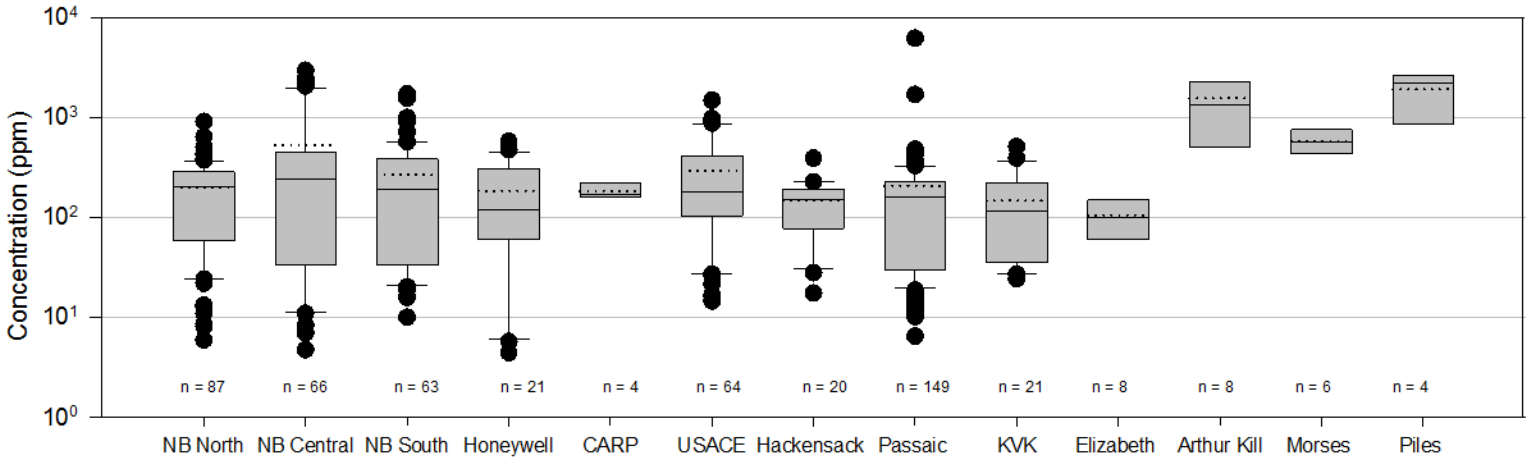
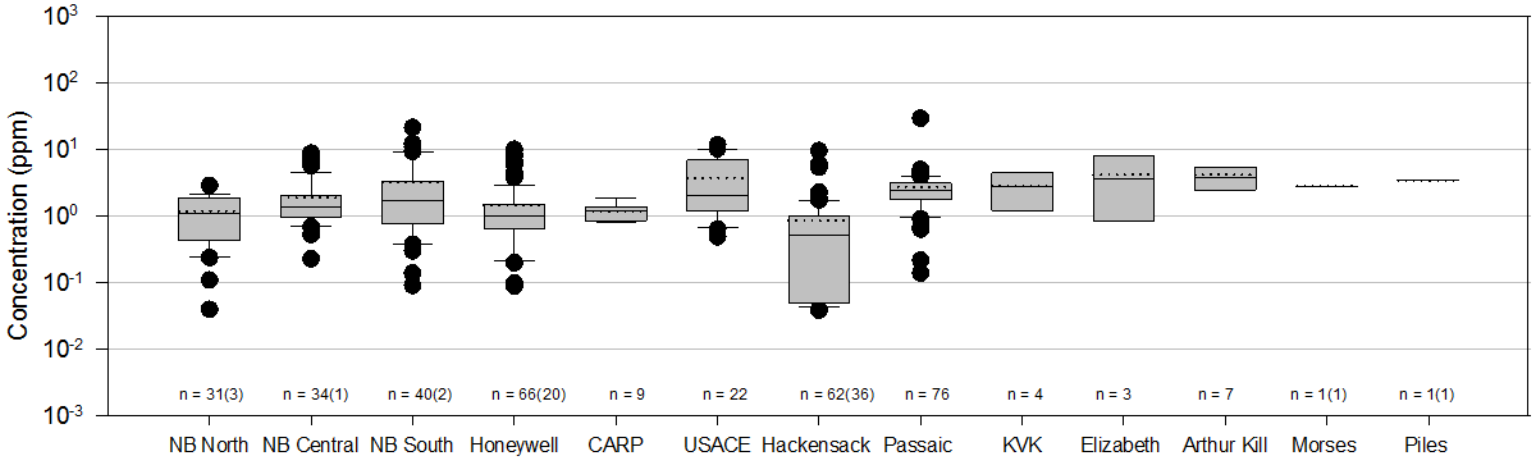
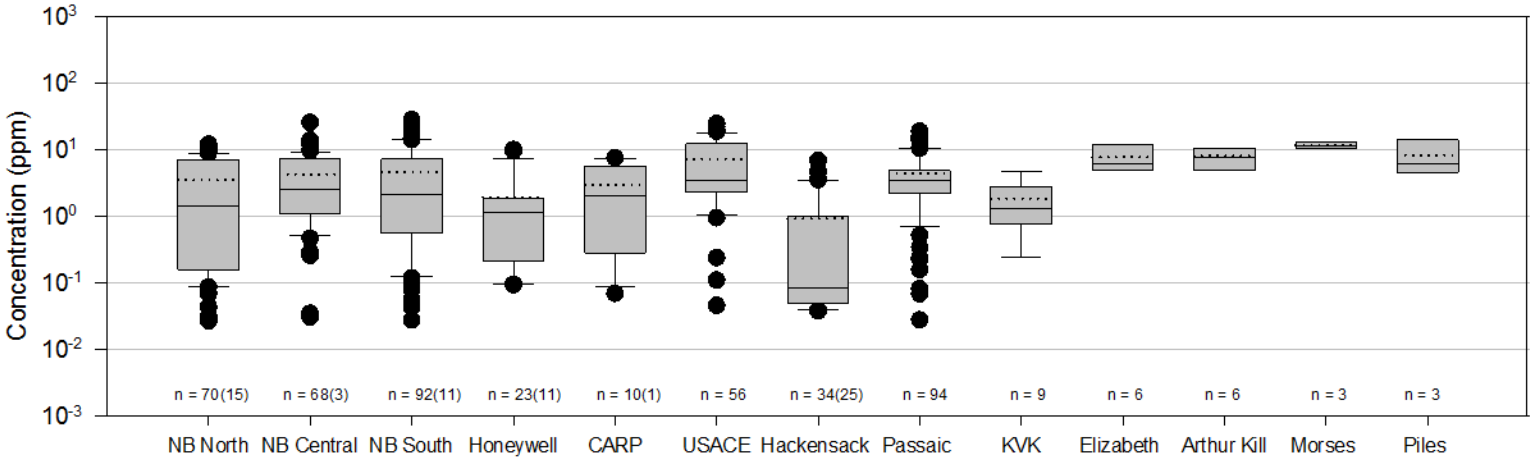


Figure G-4: Cadmium

Surface Data (0-0.5 ft bss)



Mid-Depth Data (0.5-3.5 ft bss)



Subsurface Data (>3.5 ft bss)

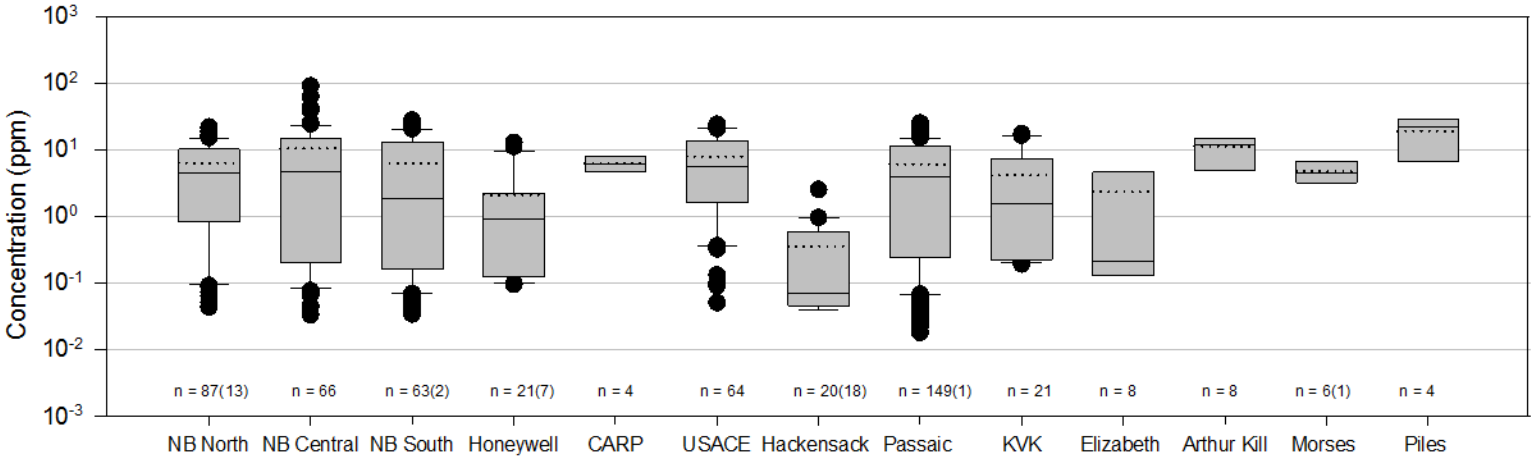
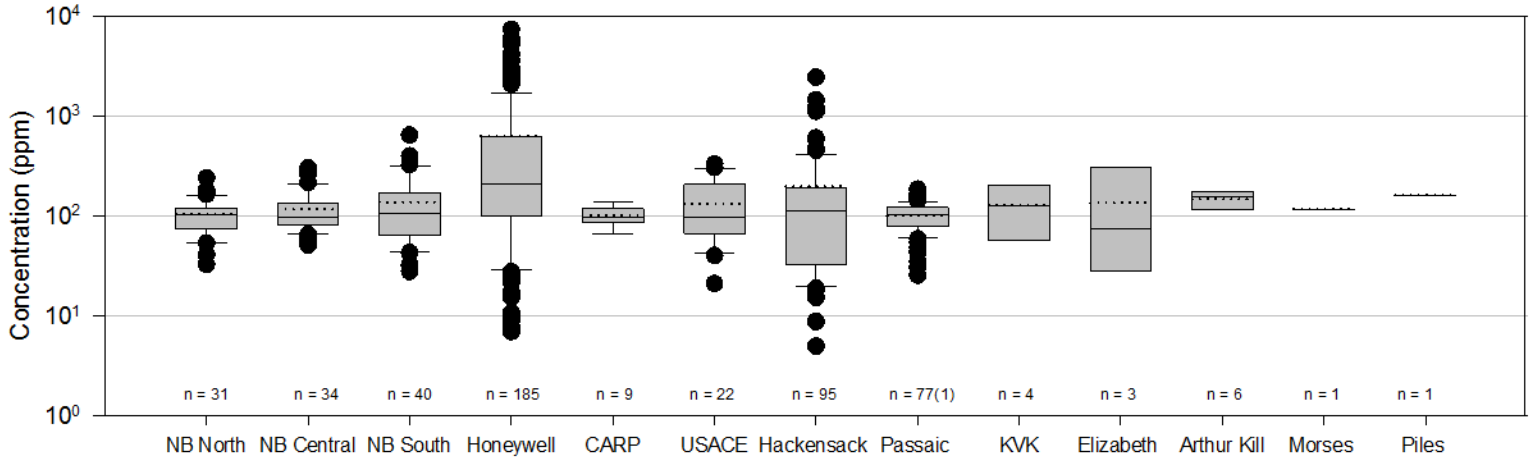
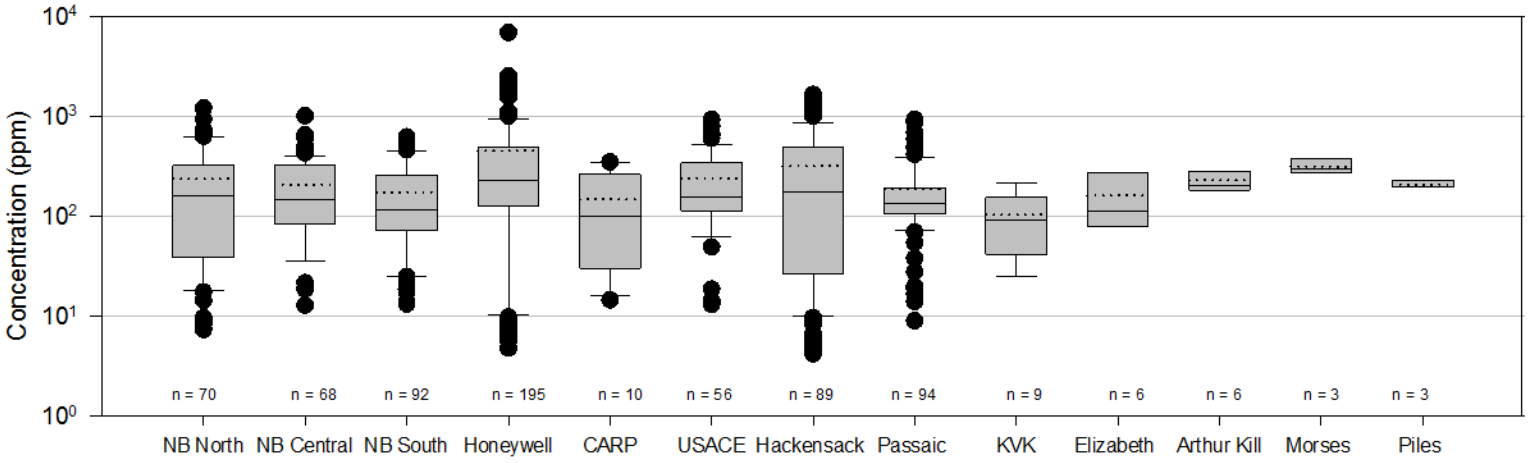


Figure G-5: Chromium

Surface Data (0-0.5 ft bss)



Mid-Depth Data (0.5-3.5 ft bss)



Subsurface Data (>3.5 ft bss)

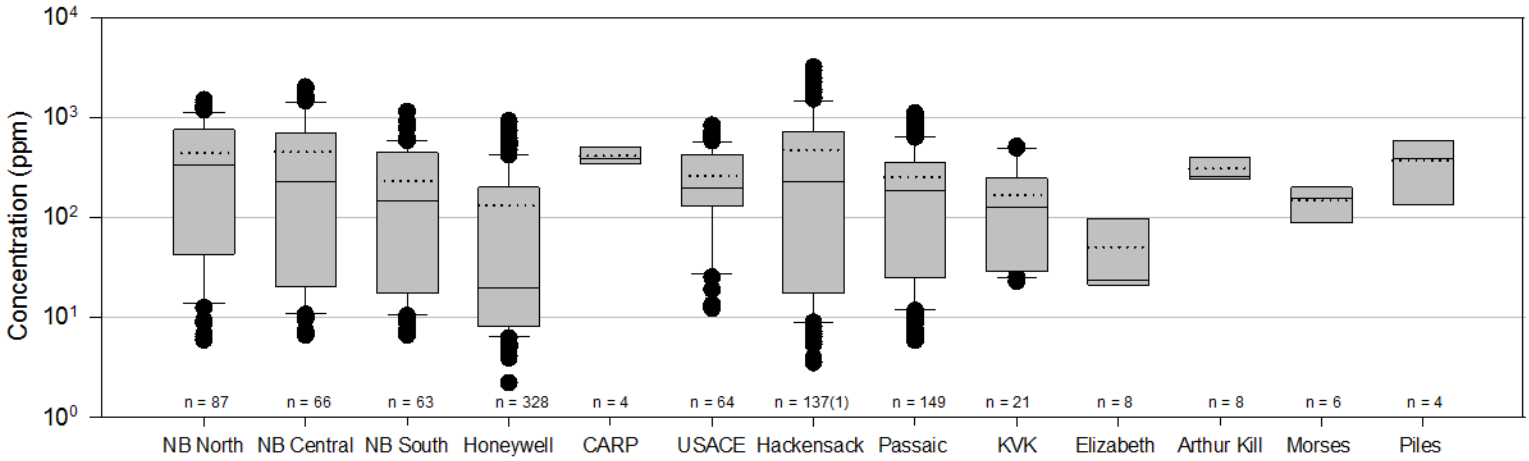
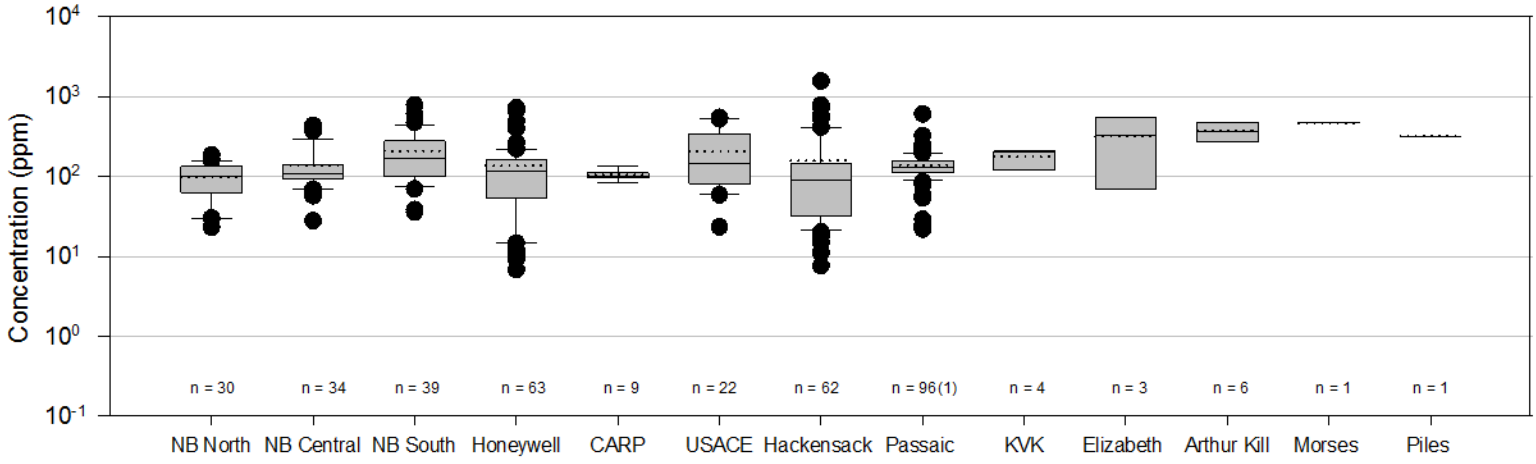
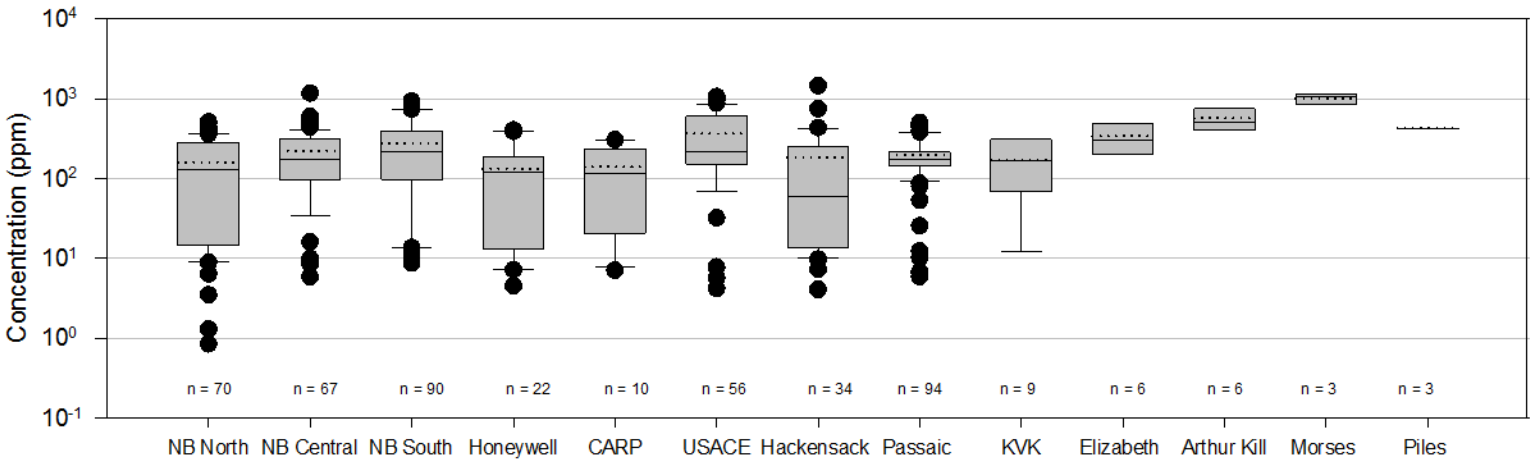


Figure G-6: Copper

Surface Data (0-0.5 ft bss)



Mid-Depth Data (0.5-3.5 ft bss)



Subsurface Data (>3.5 ft bss)

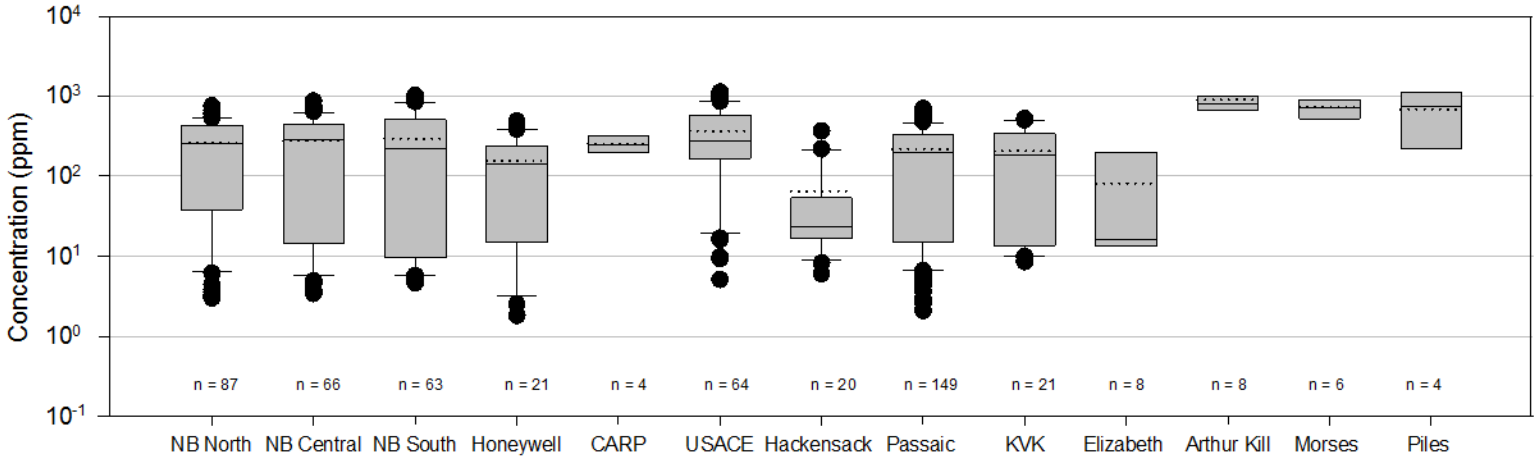
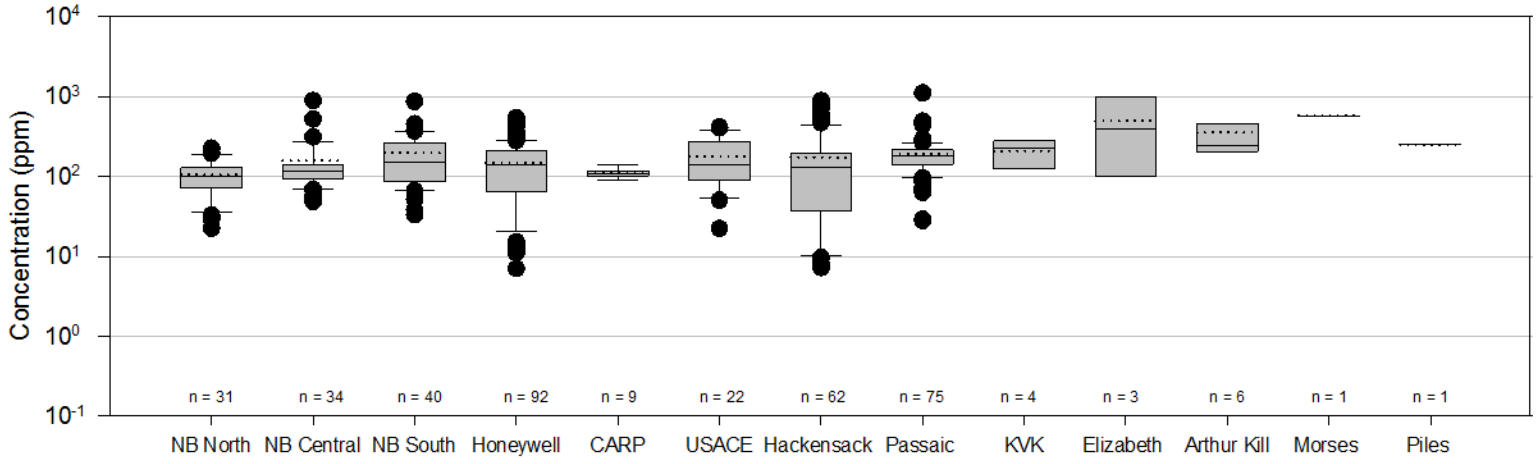
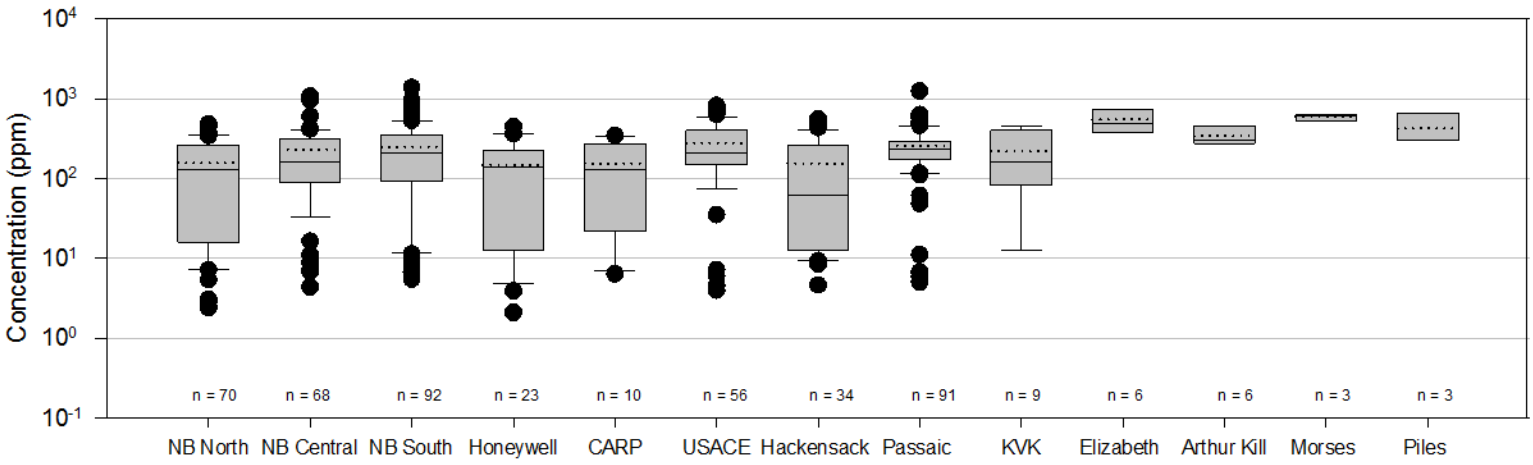


Figure G-7: Lead

Surface Data (0-0.5 ft bss)



Mid-Depth Data (0.5-3.5 ft bss)



Subsurface Data (>3.5 ft bss)

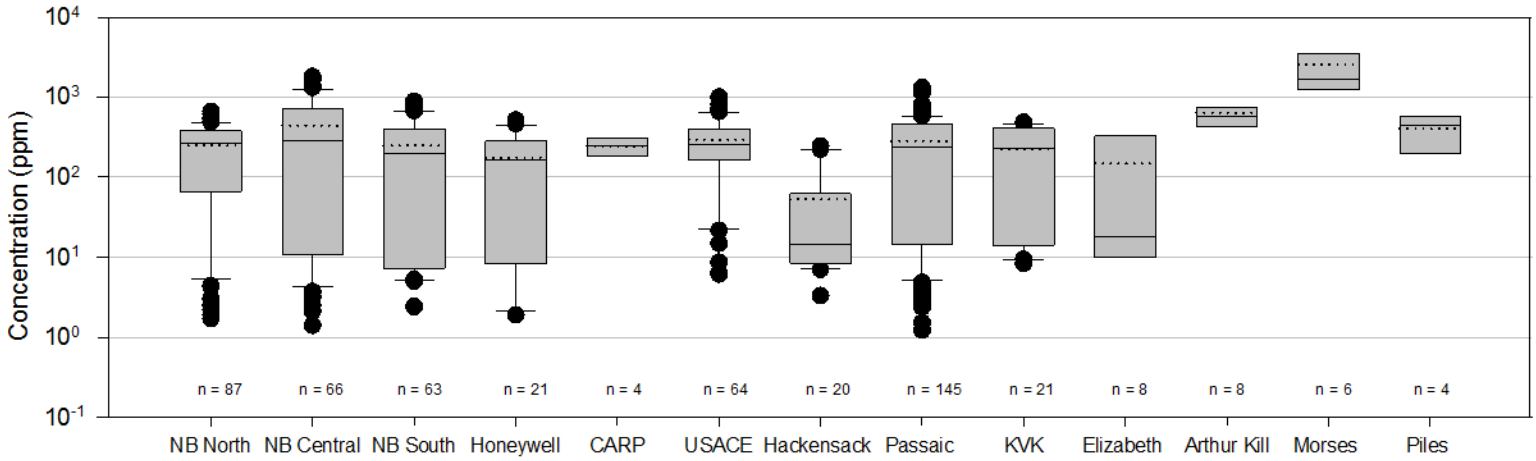
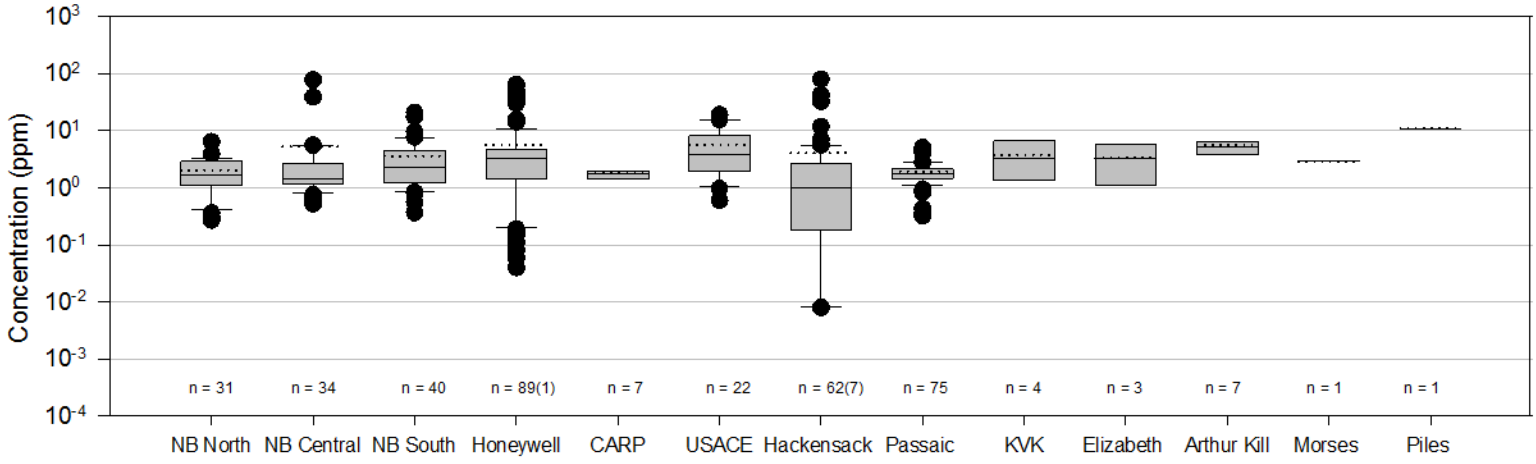
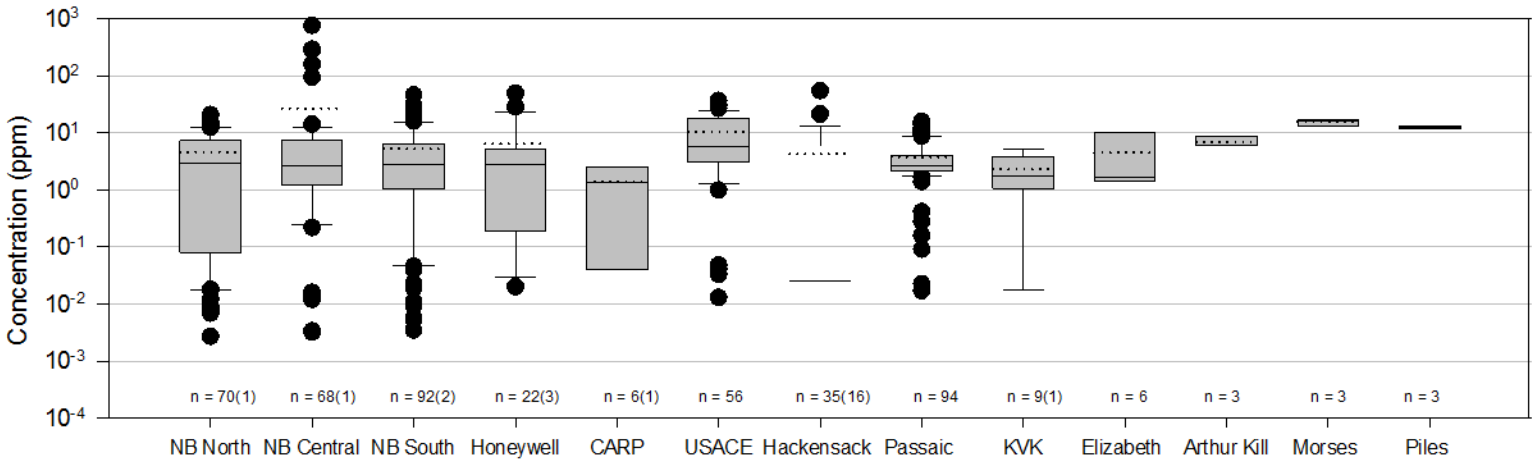


Figure G-8: Mercury

Surface Data (0-0.5 ft bss)



Mid-Depth Data (0.5-3.5 ft bss)



Subsurface Data (>3.5 ft bss)

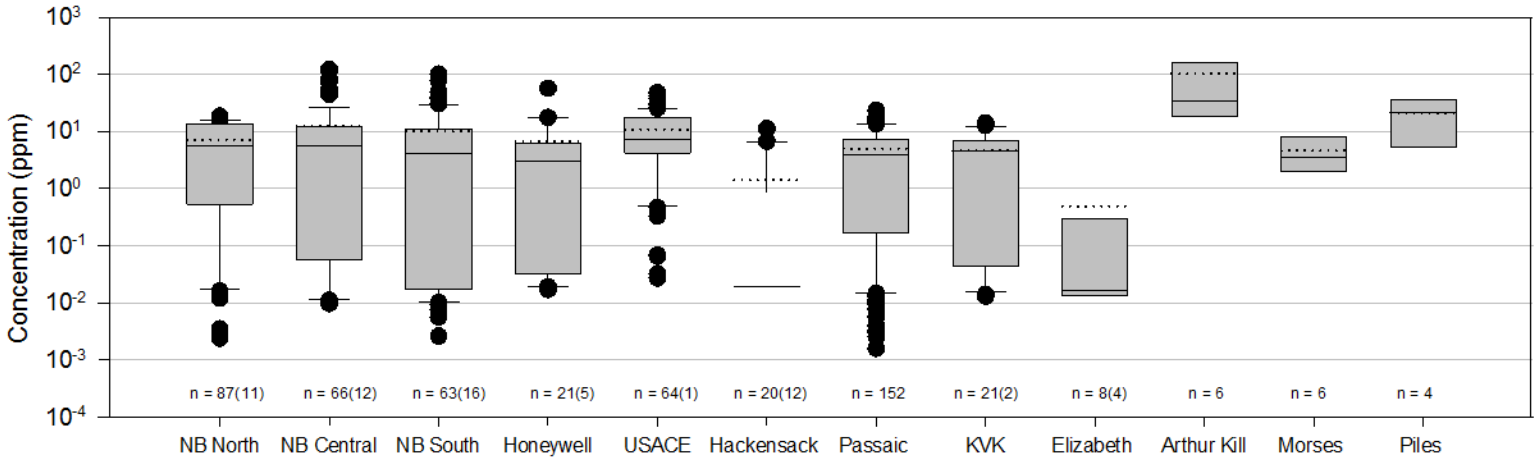
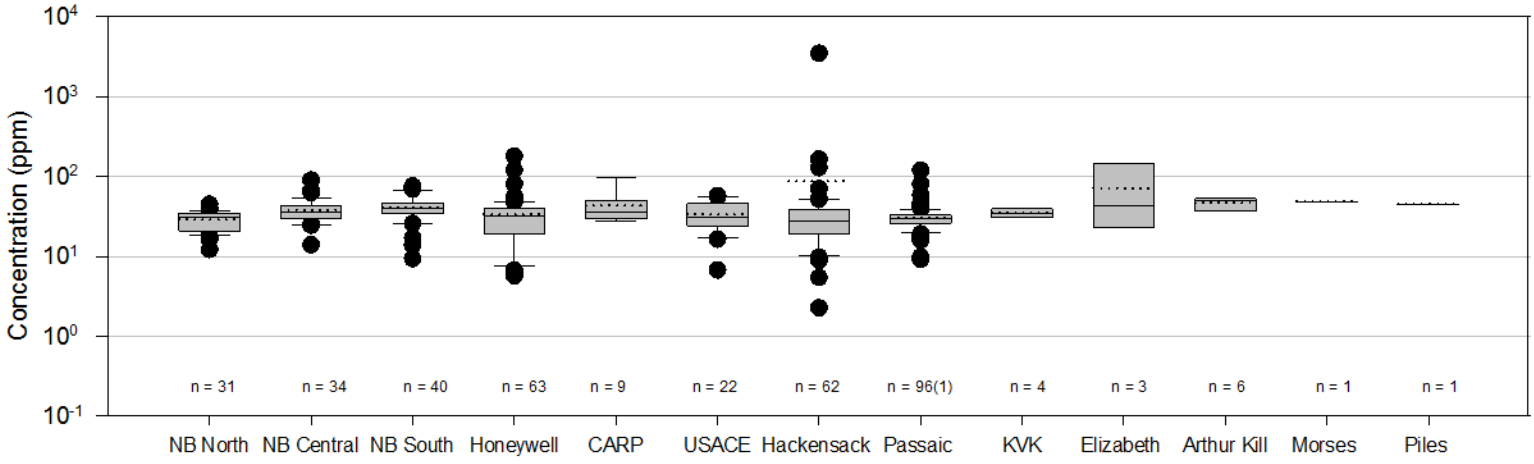
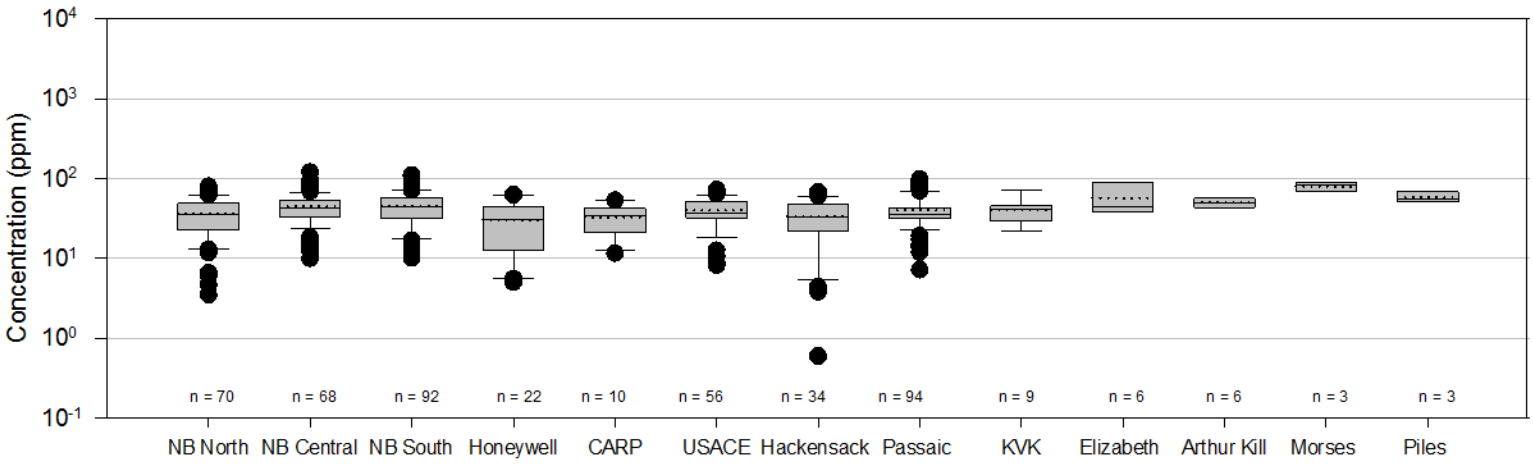


Figure G-9: Nickel

Surface Data (0-0.5 ft bss)



Mid-Depth Data (0.5-3.5 ft bss)



Subsurface Data (>3.5 ft bss)

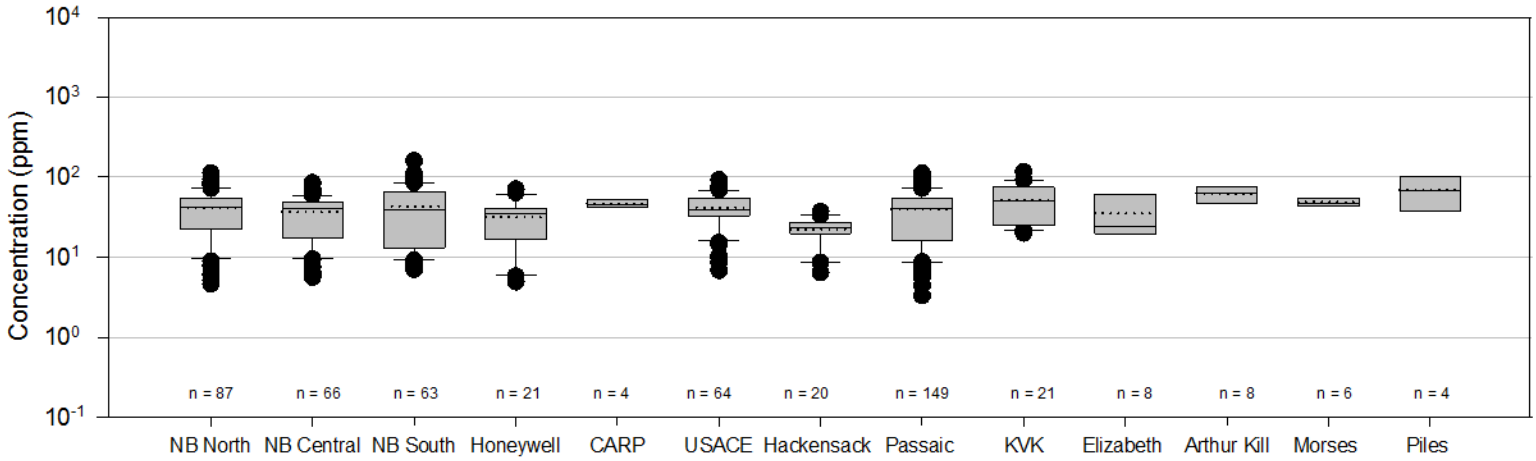
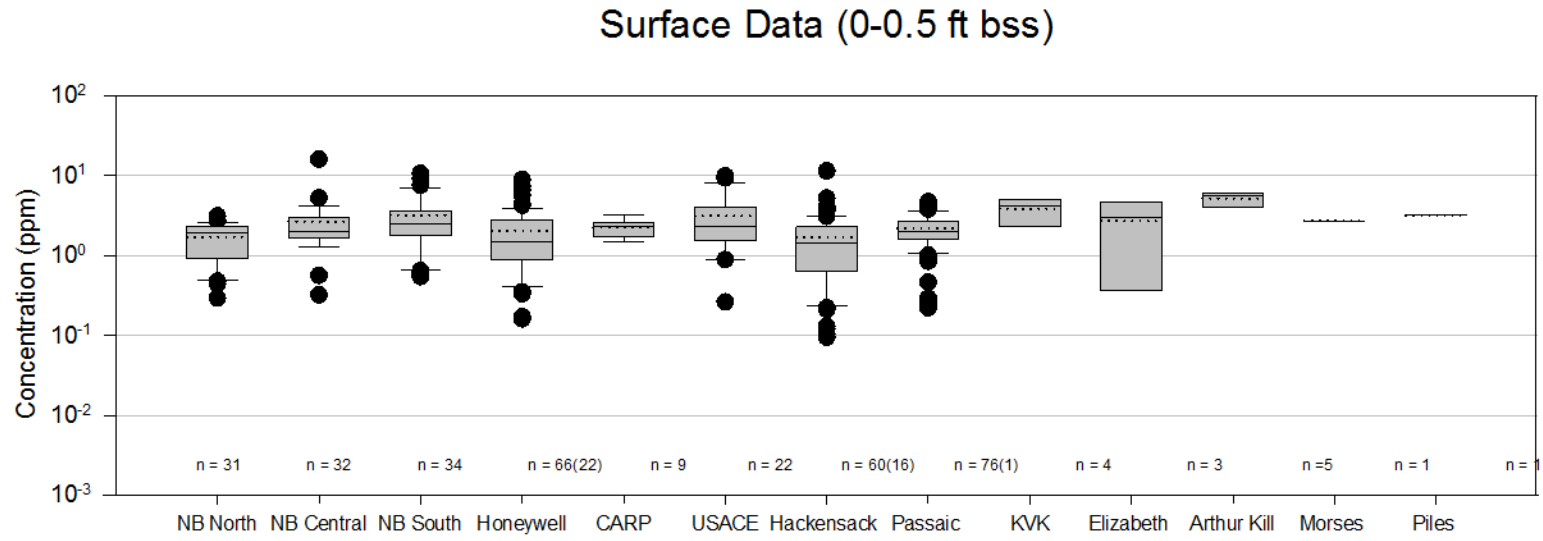
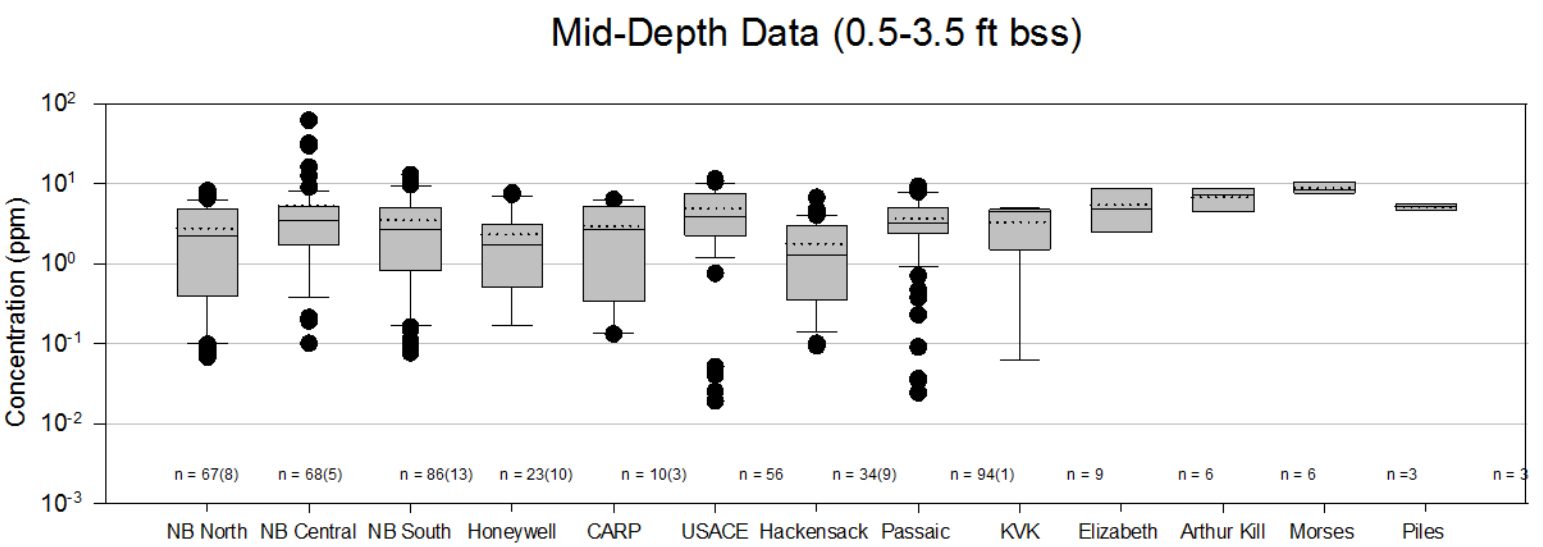


Figure G-10: Silver





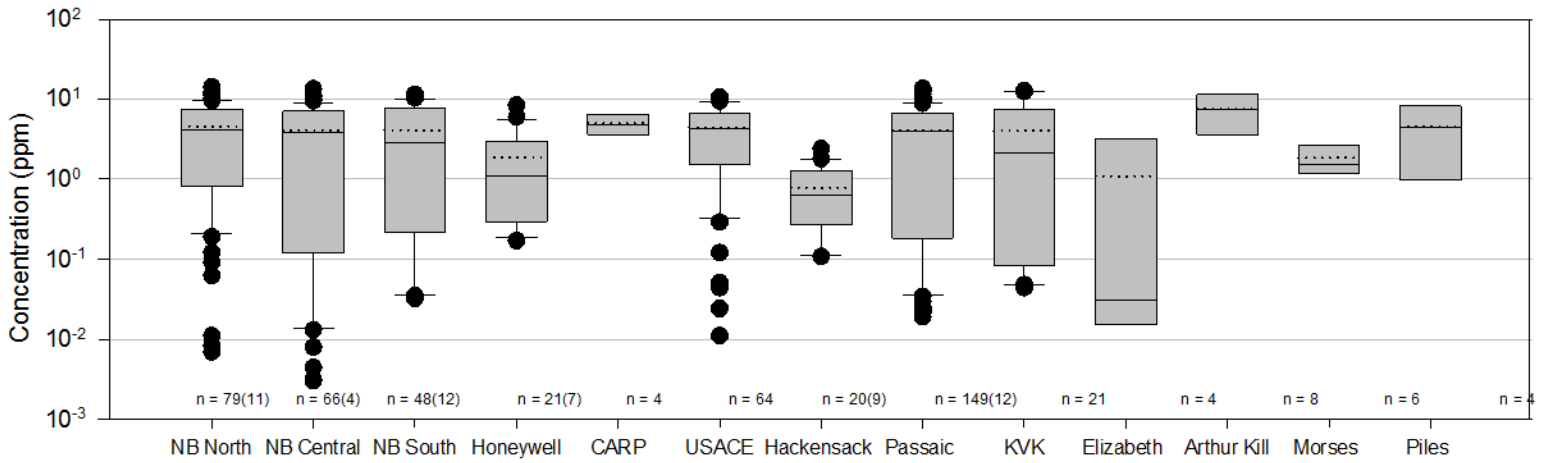
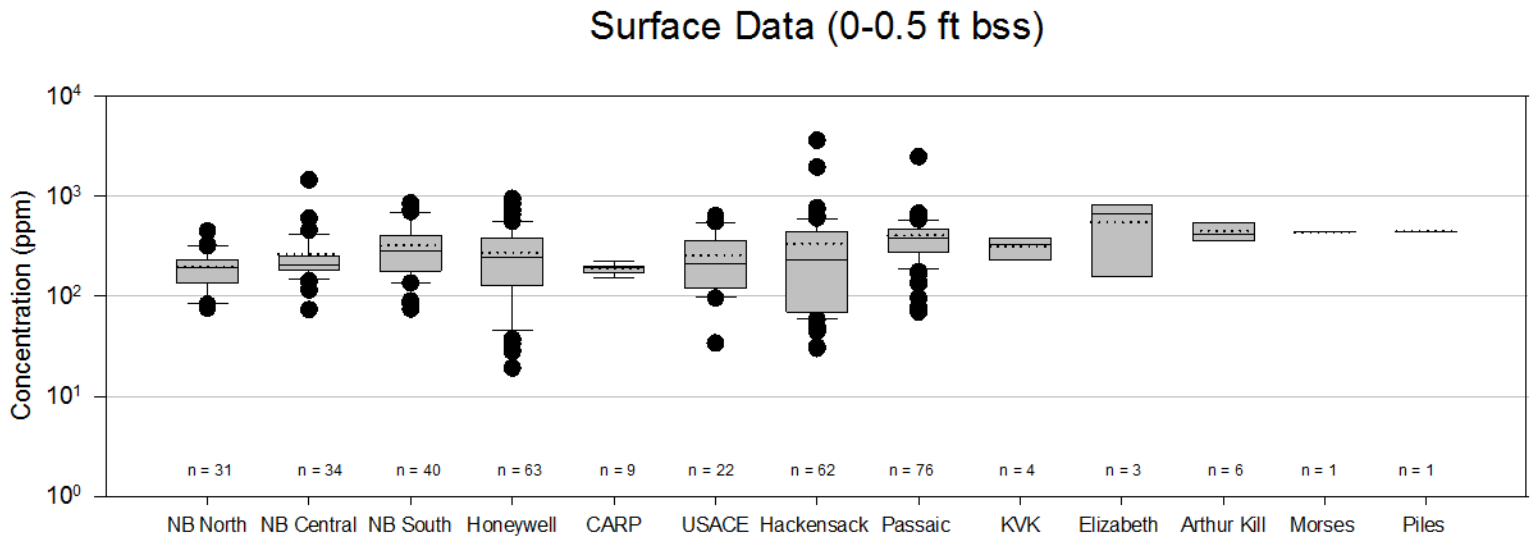
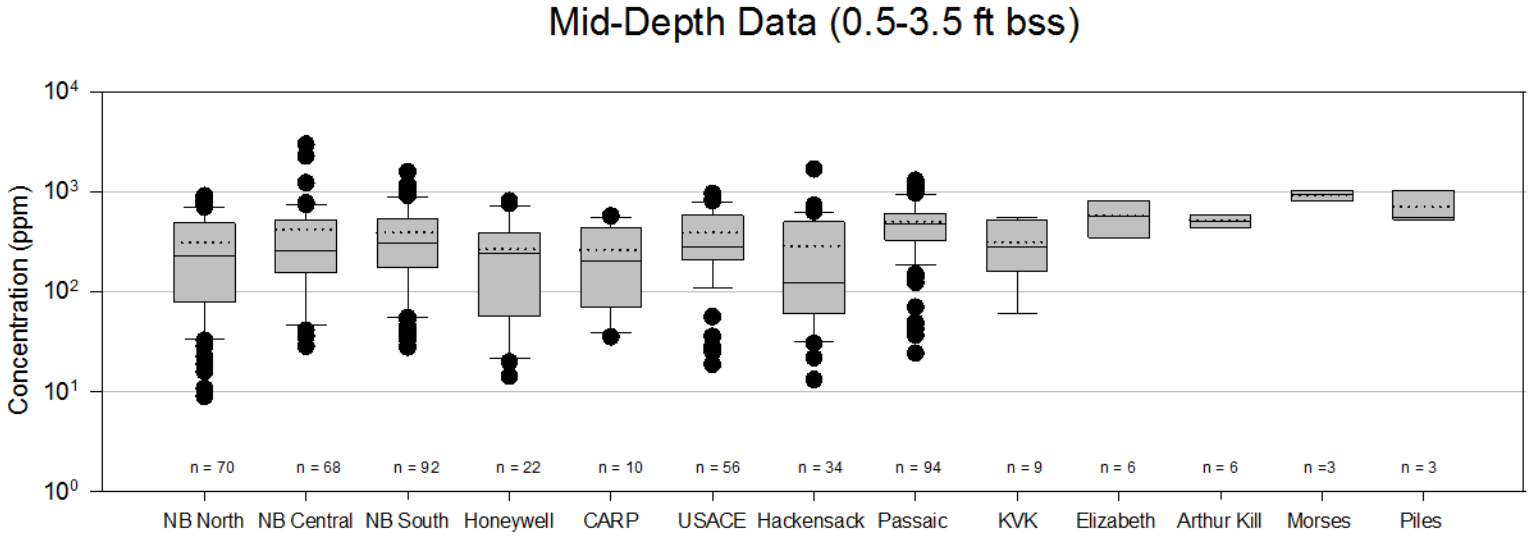


Figure G-11: Zinc





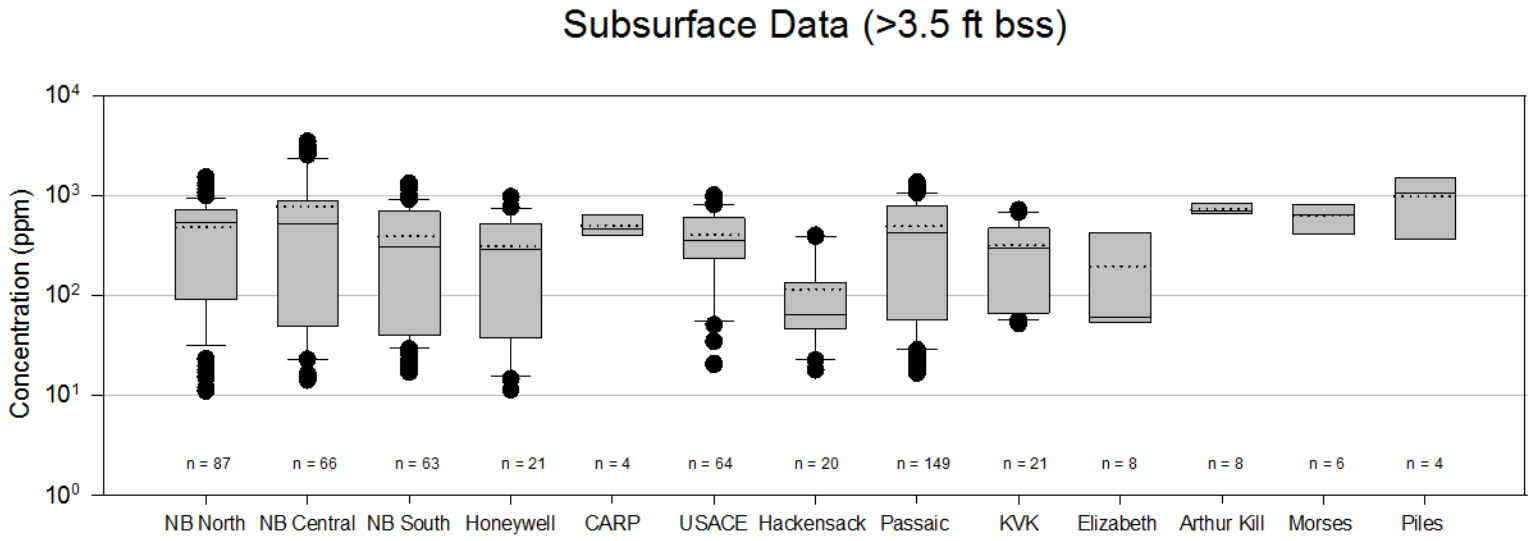
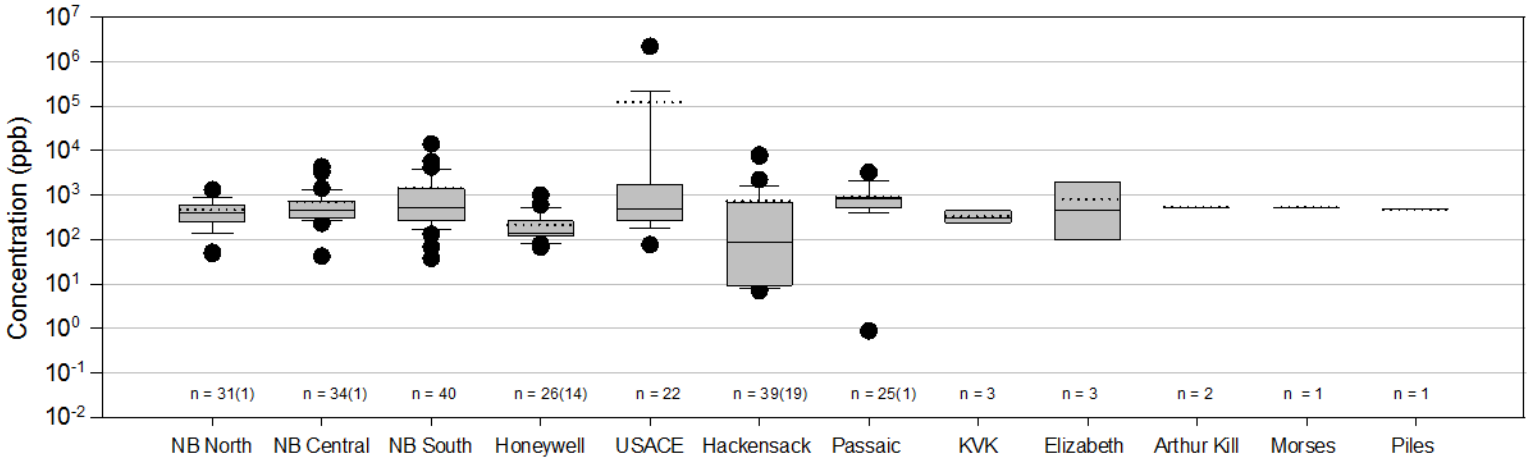
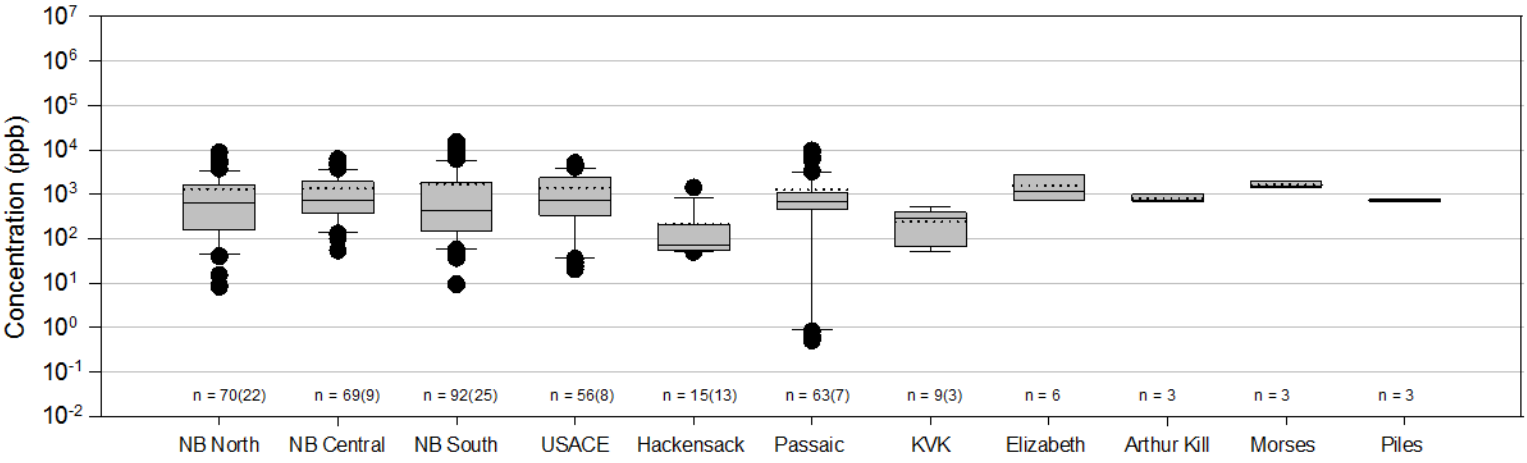


Figure G-12: Total Aroclor PCBs

Surface Data (0-0.5 ft bss)



Mid-Depth Data (0.5-3.5 ft bss)



Subsurface Data (>3.5 ft bss)

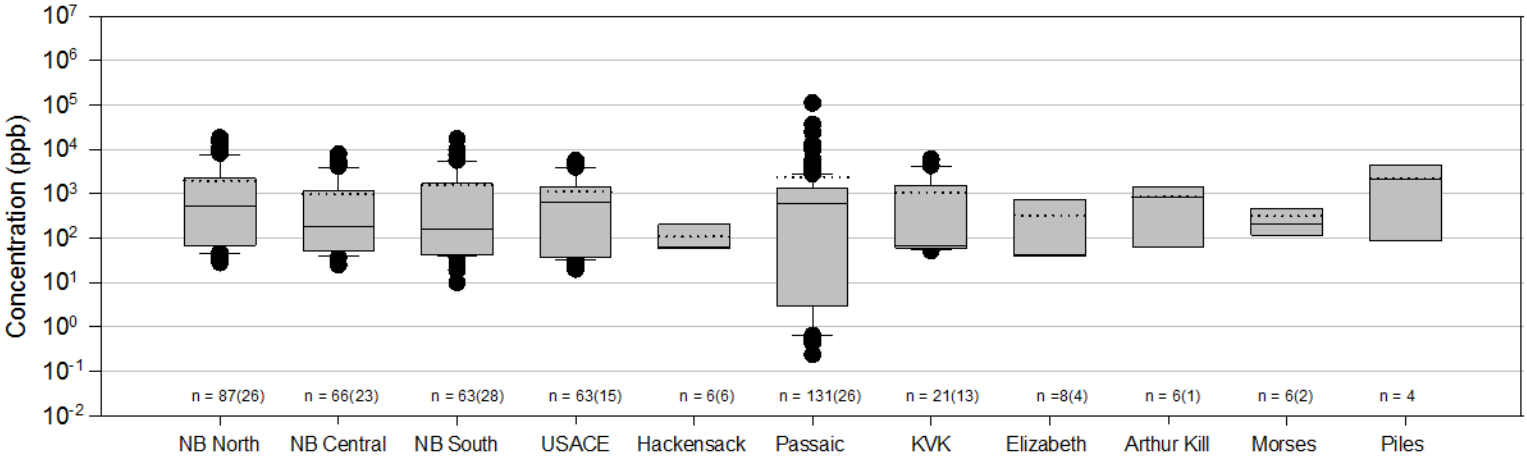
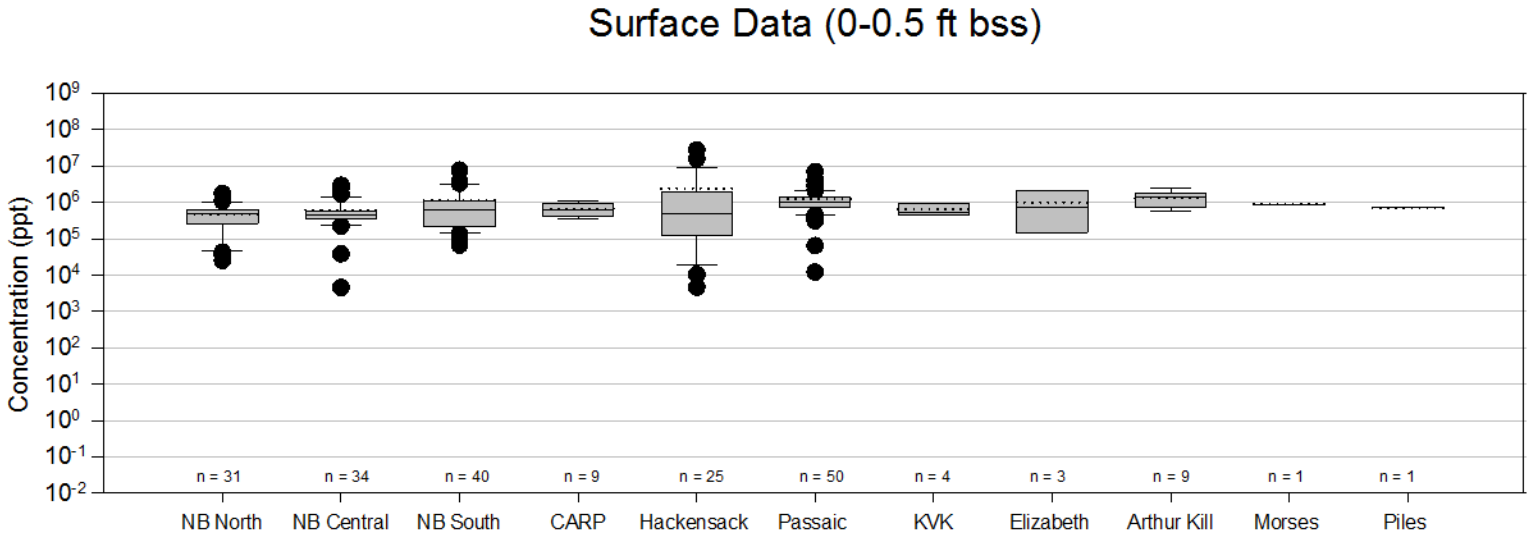
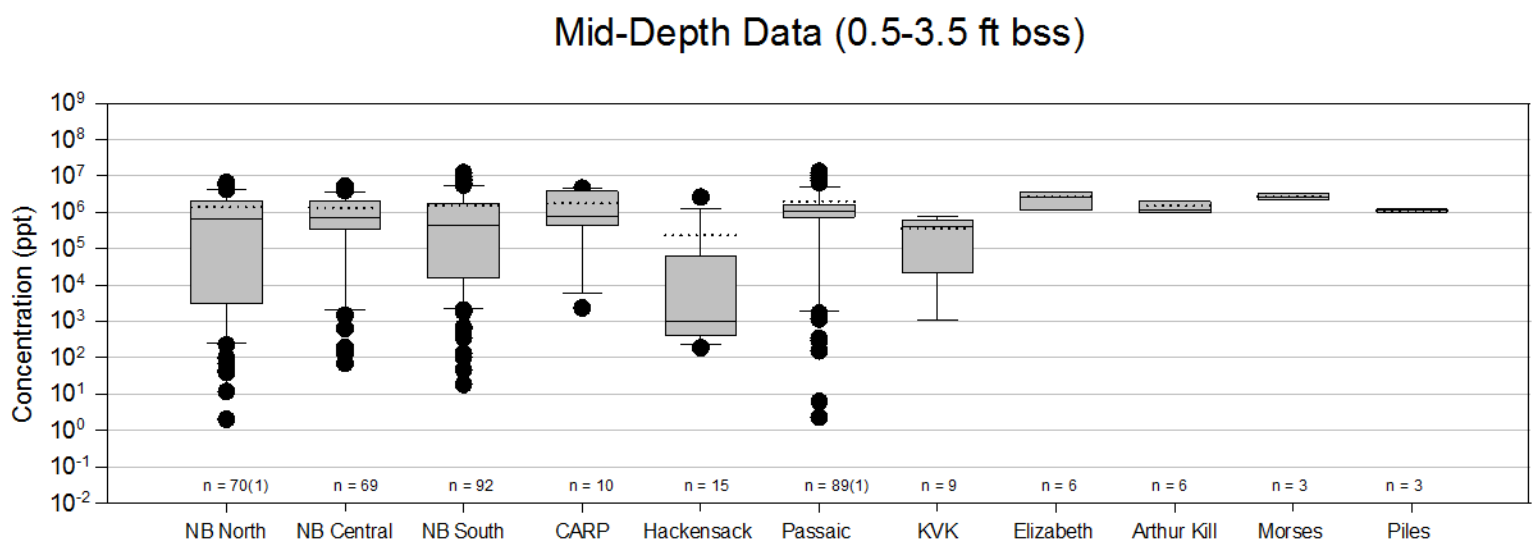


Figure G-13: Total PCB Congeners





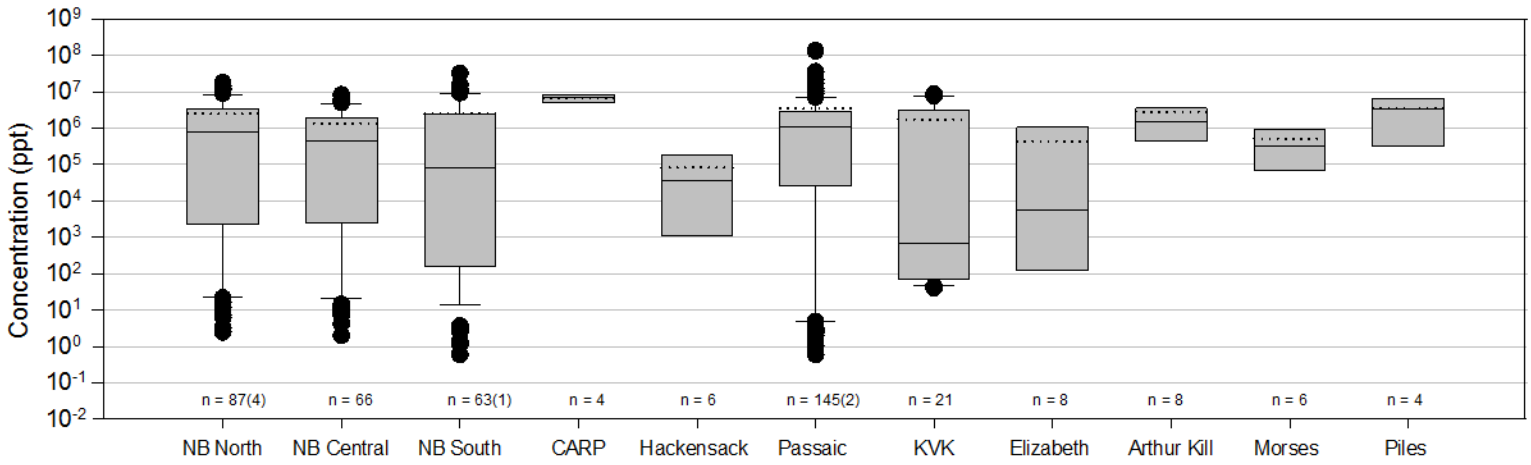


Figure G-14: Total Alpha + Gamma Chlordane

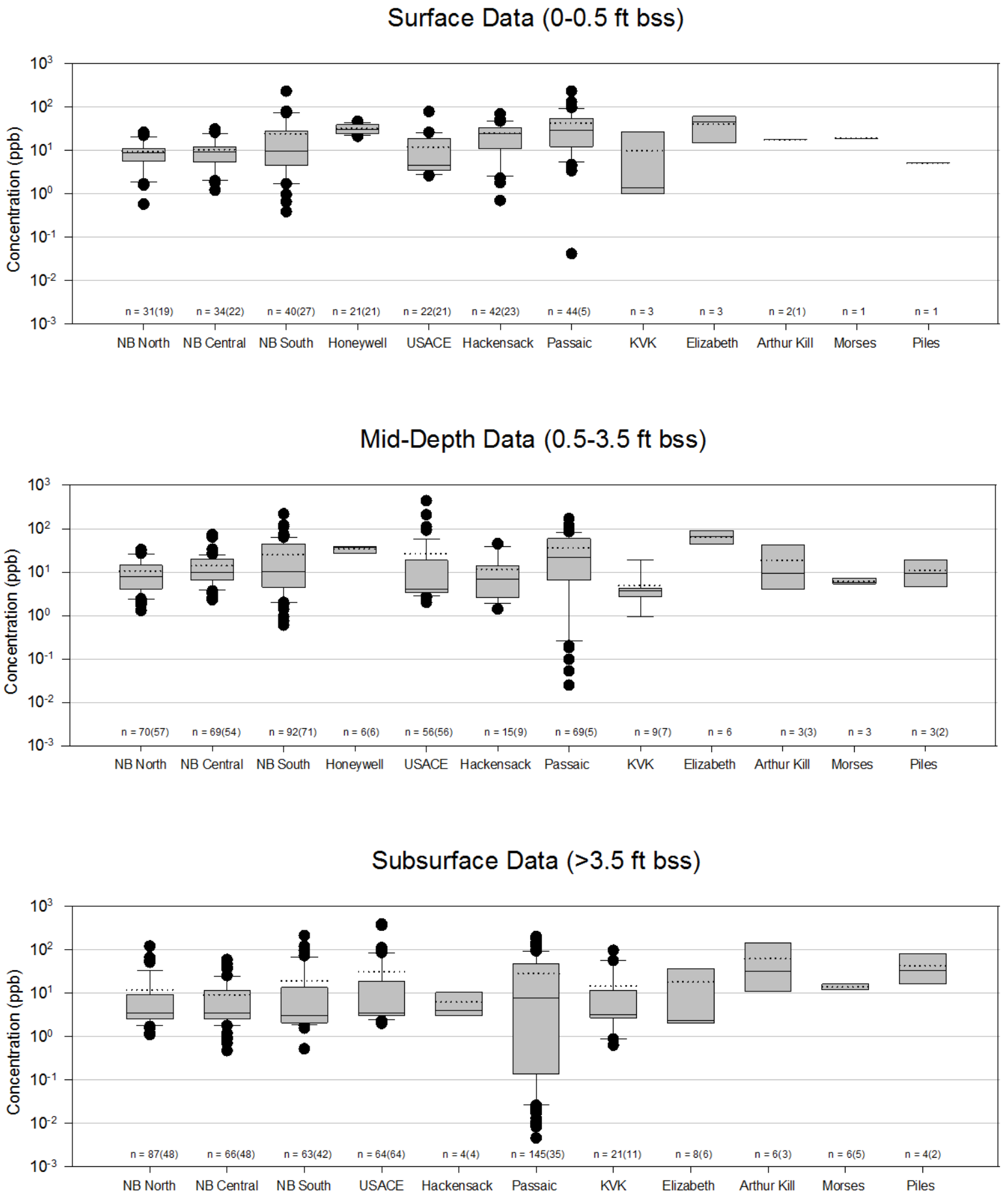
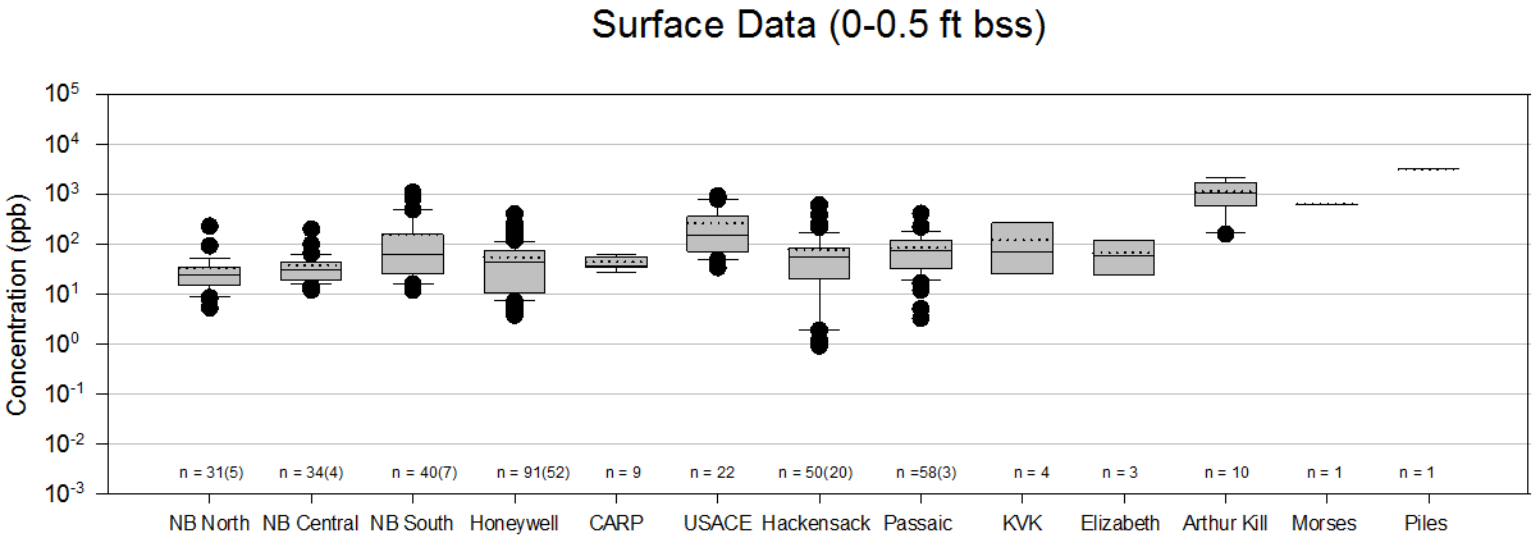
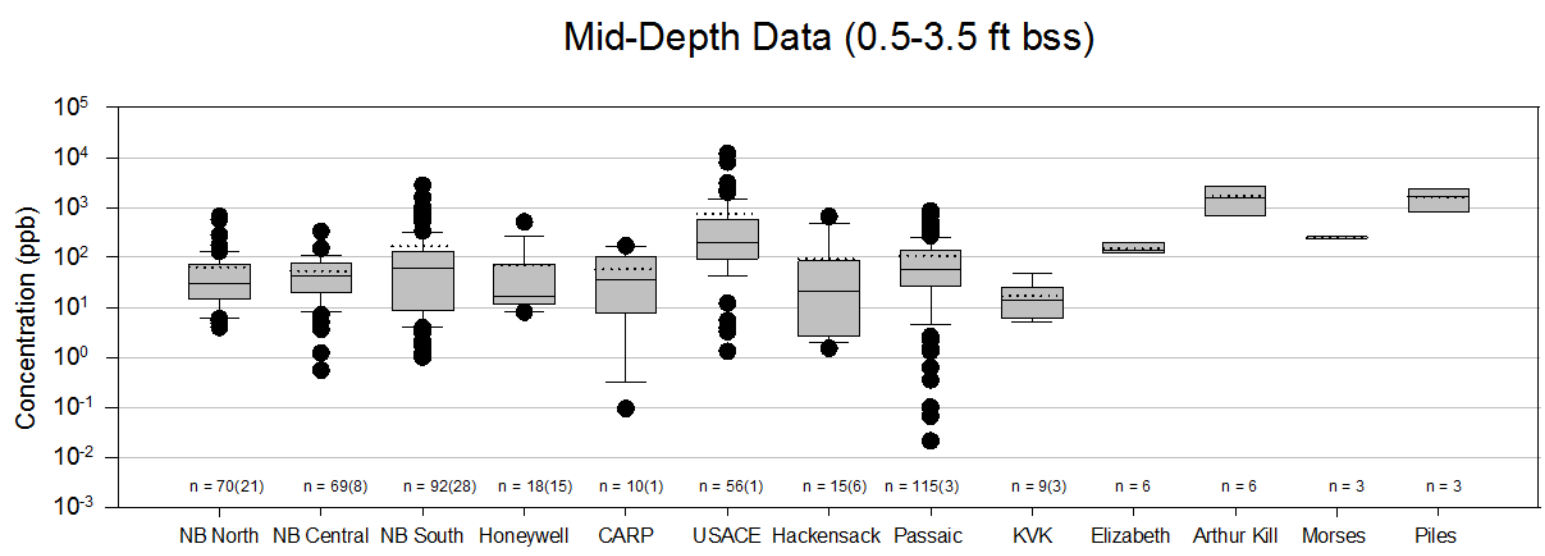


Figure G-15: Total DDT (4,4)





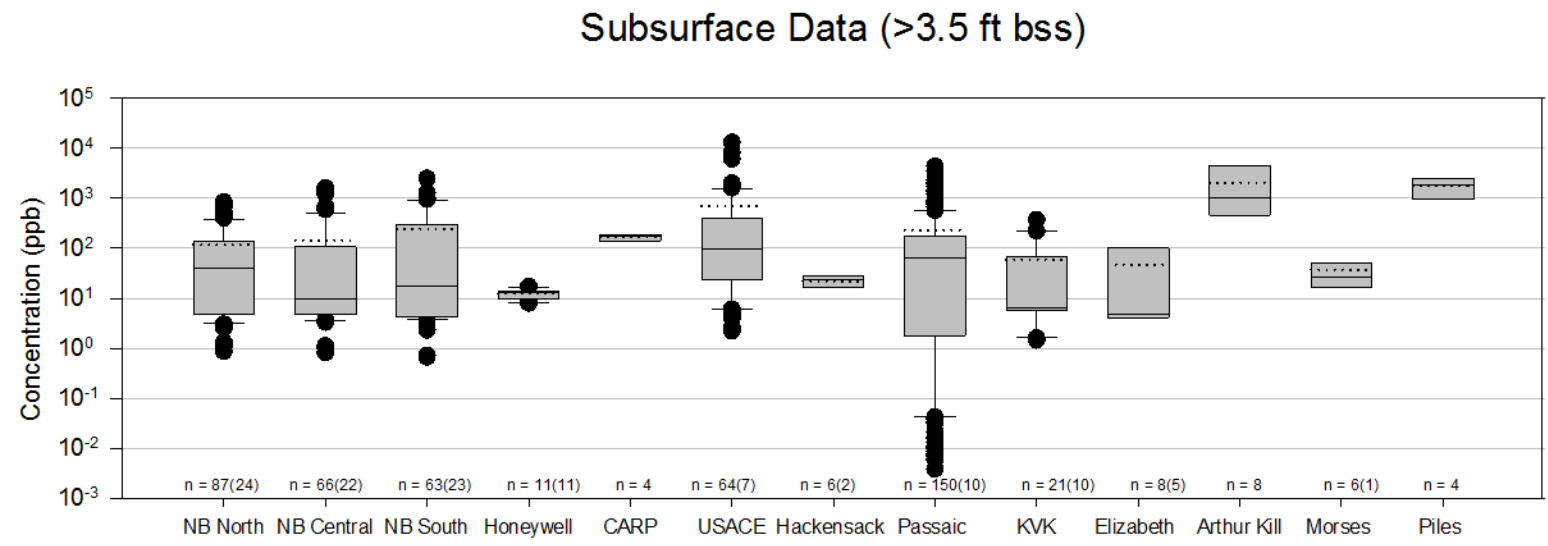
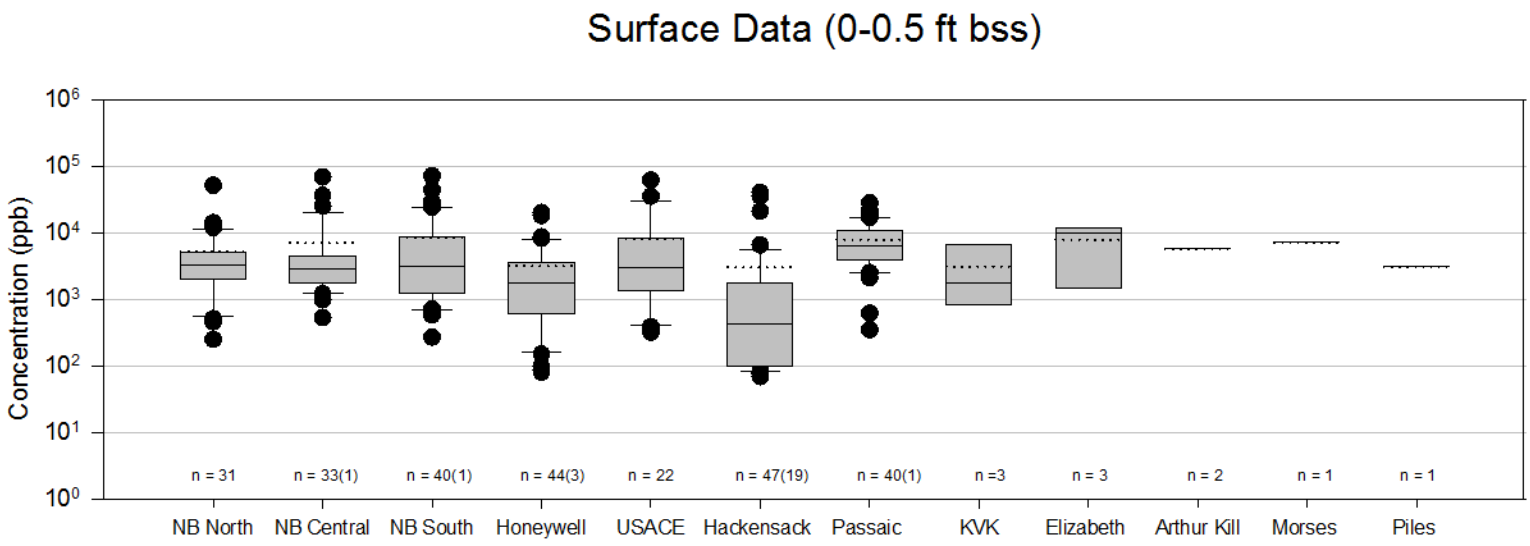
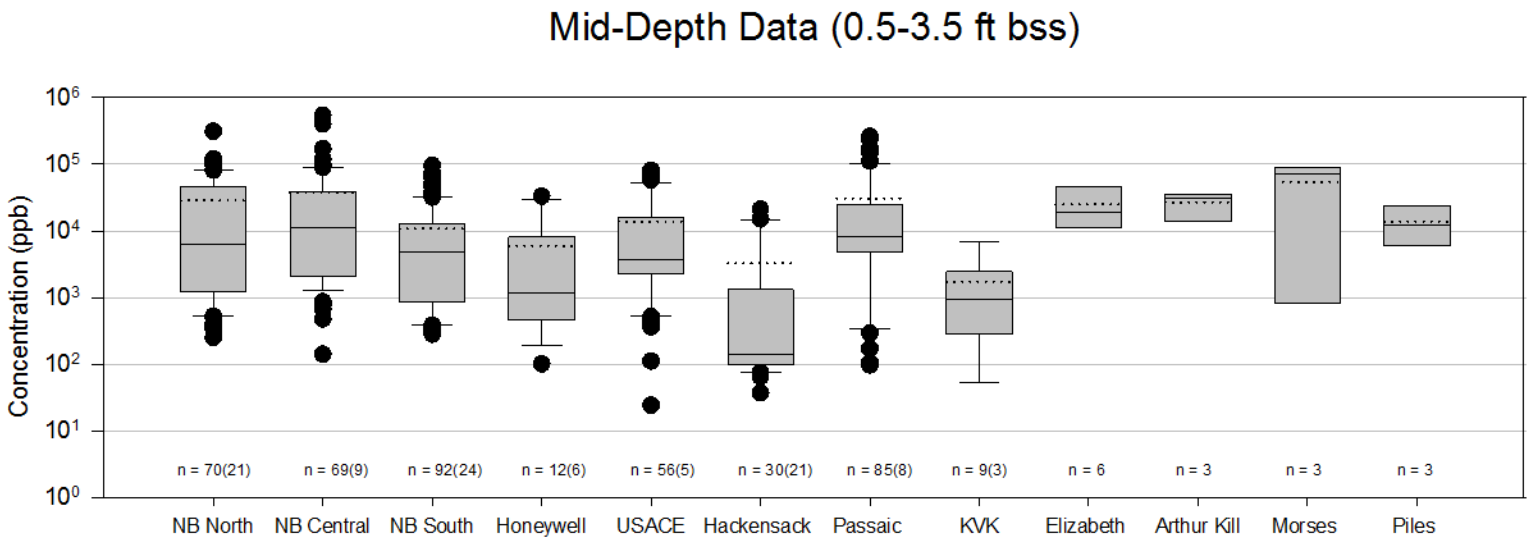


Figure G-16: BEHP





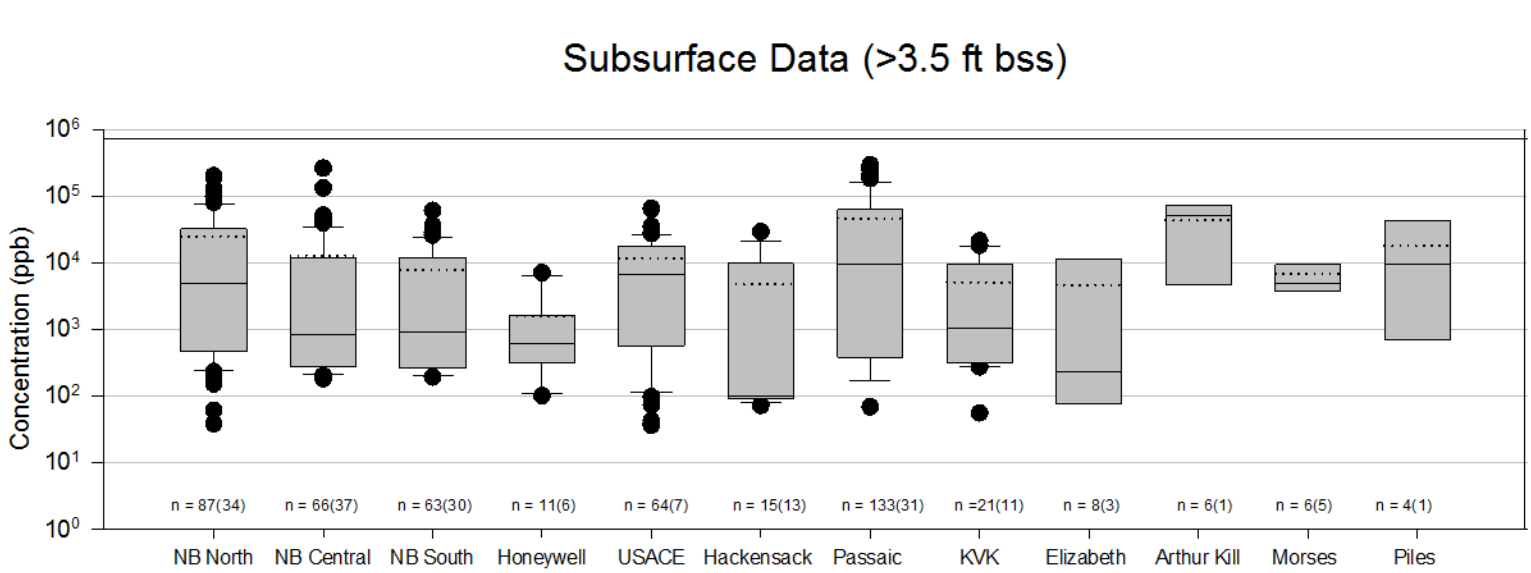
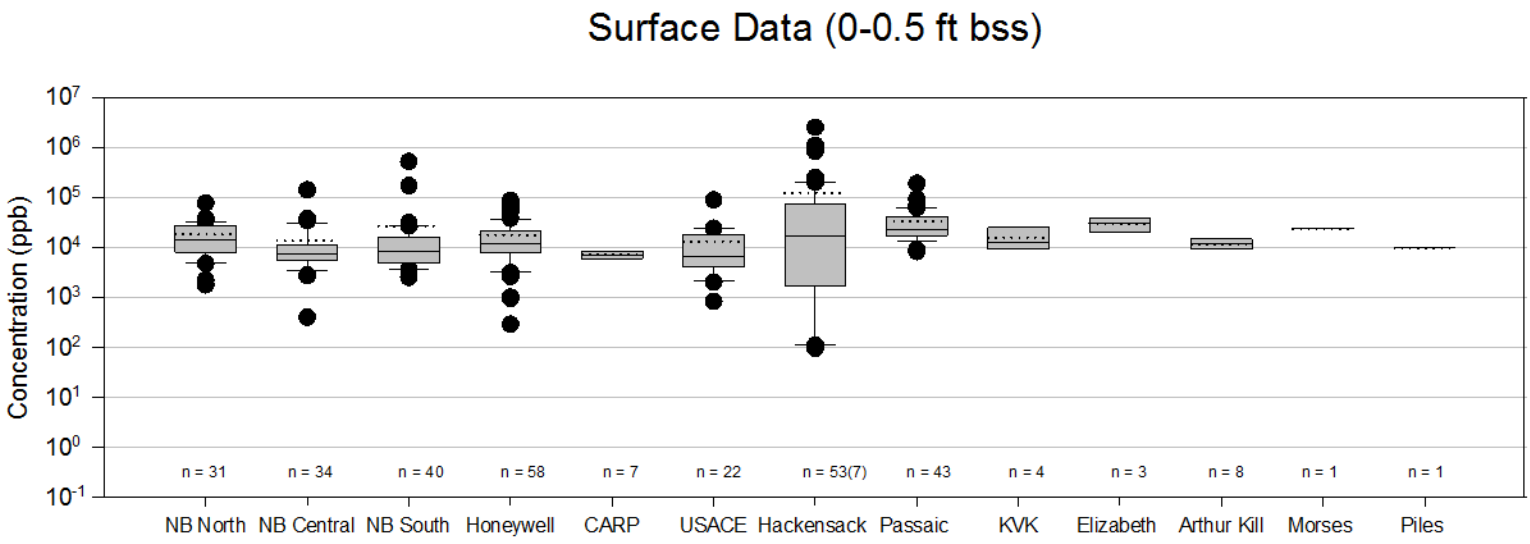
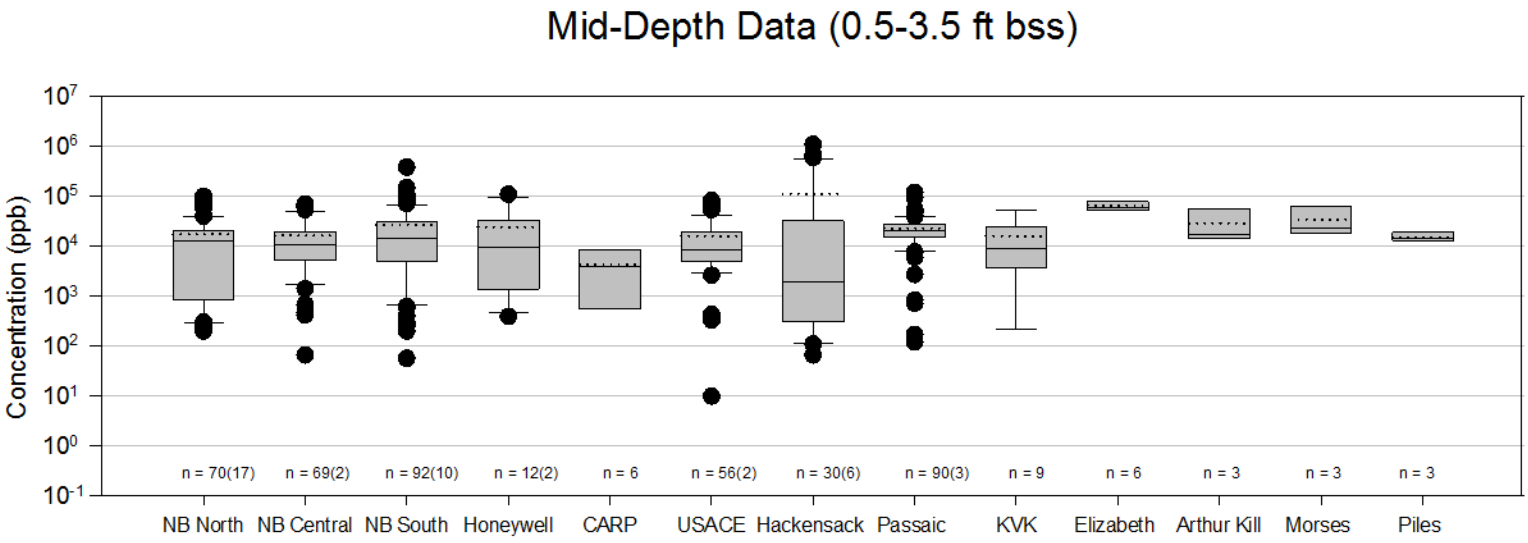


Figure G-17: Total PAHs





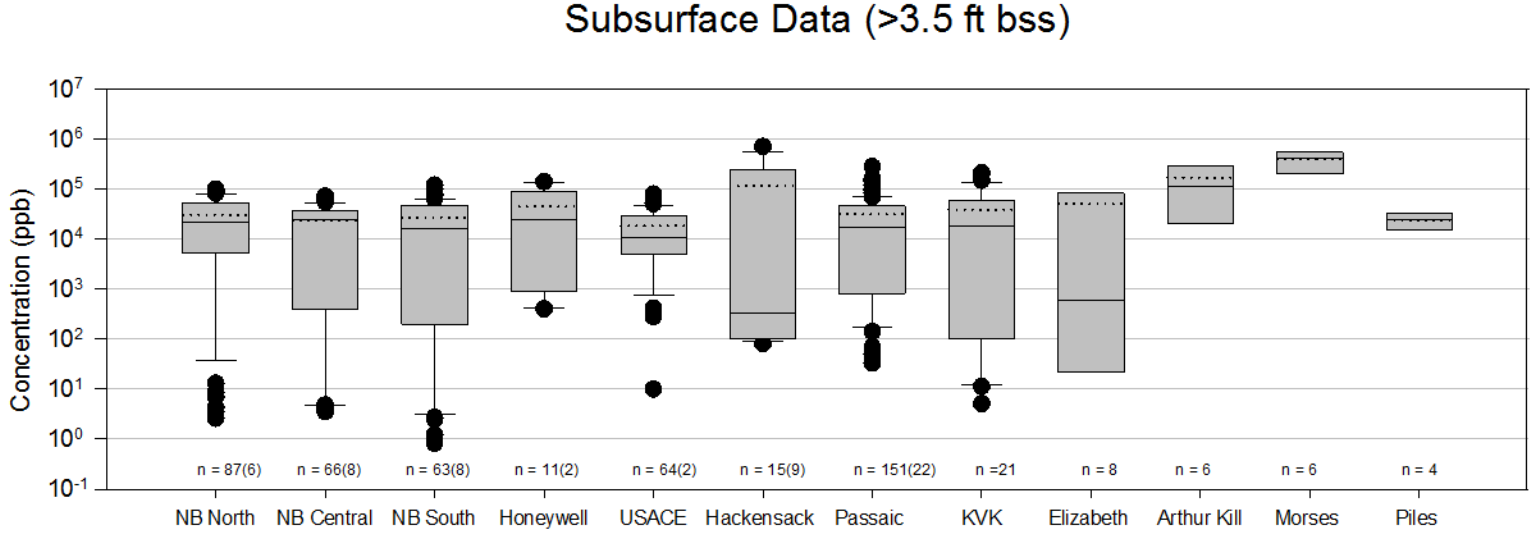
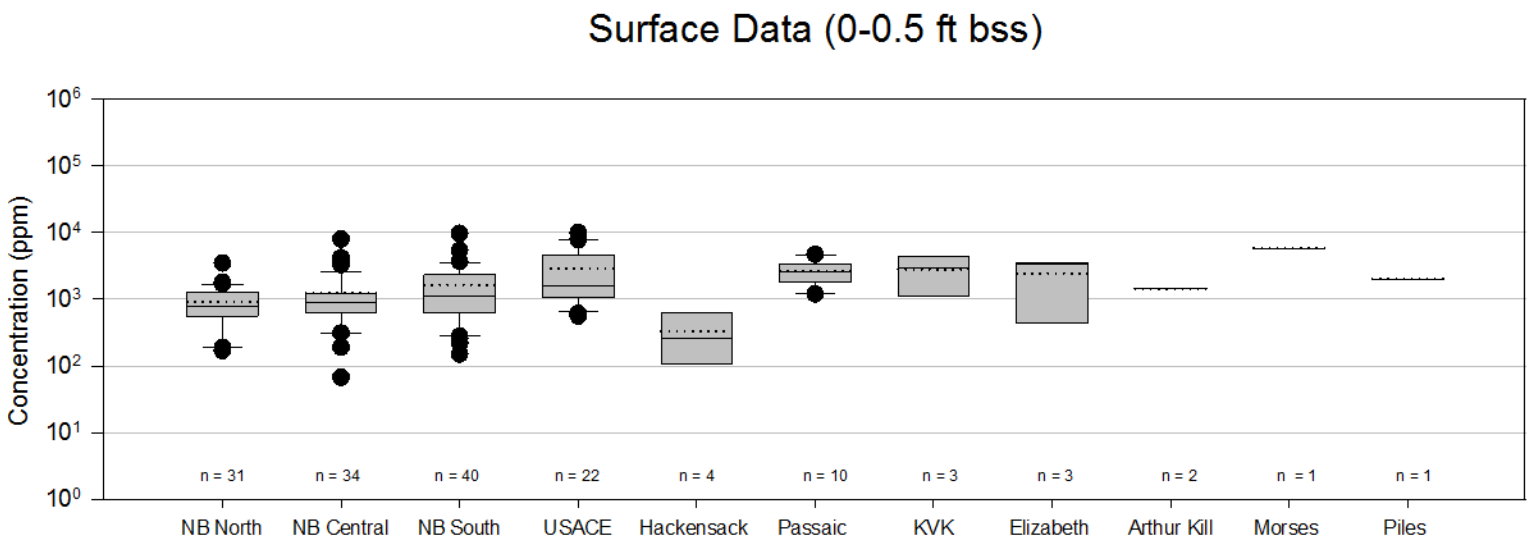
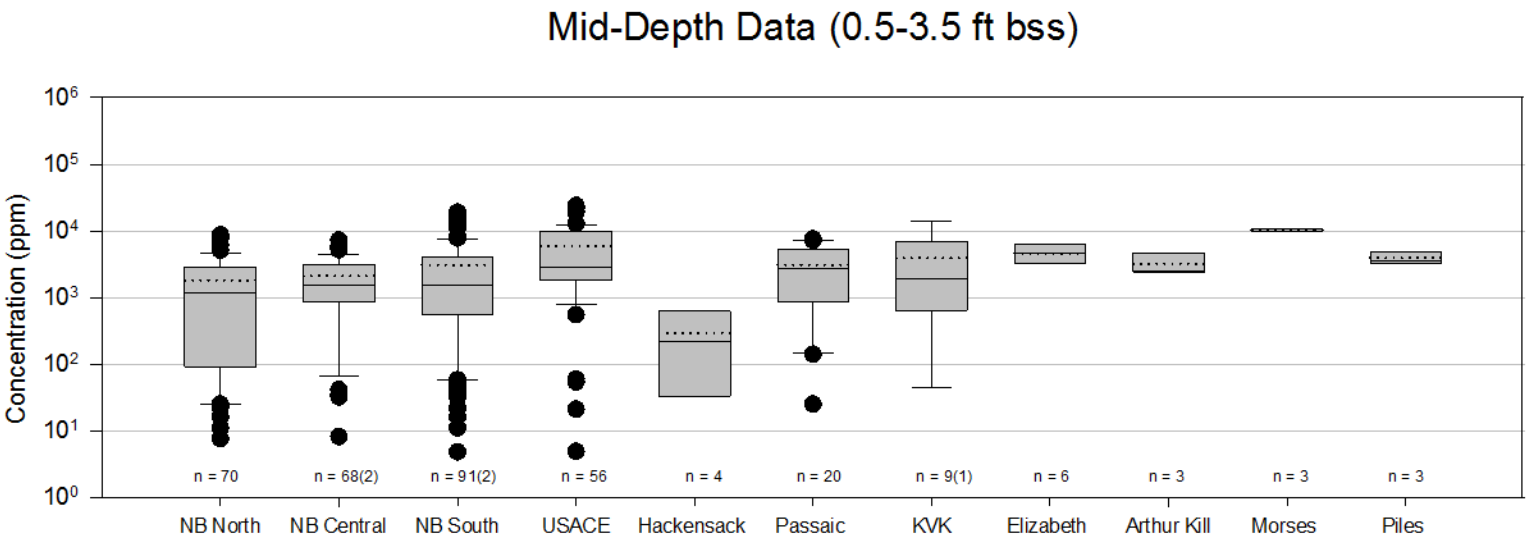


Figure G-18: TPH





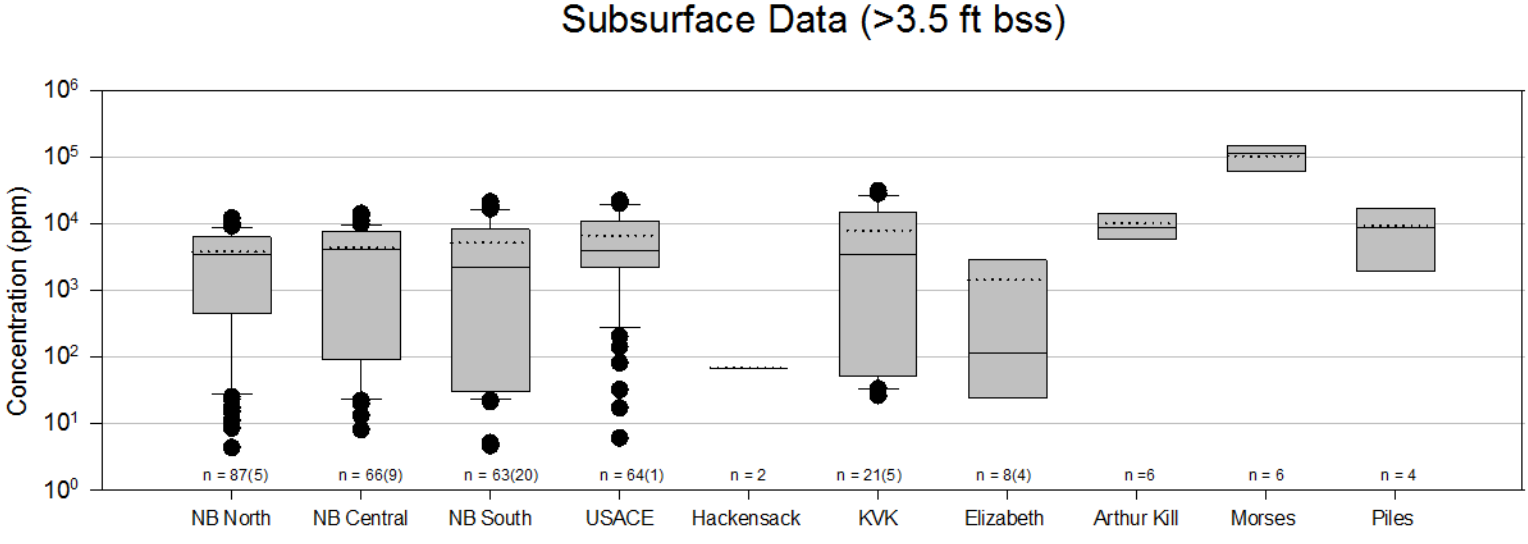


Figure G-19: TOC-Normalized 2,3,7,8-TCDD

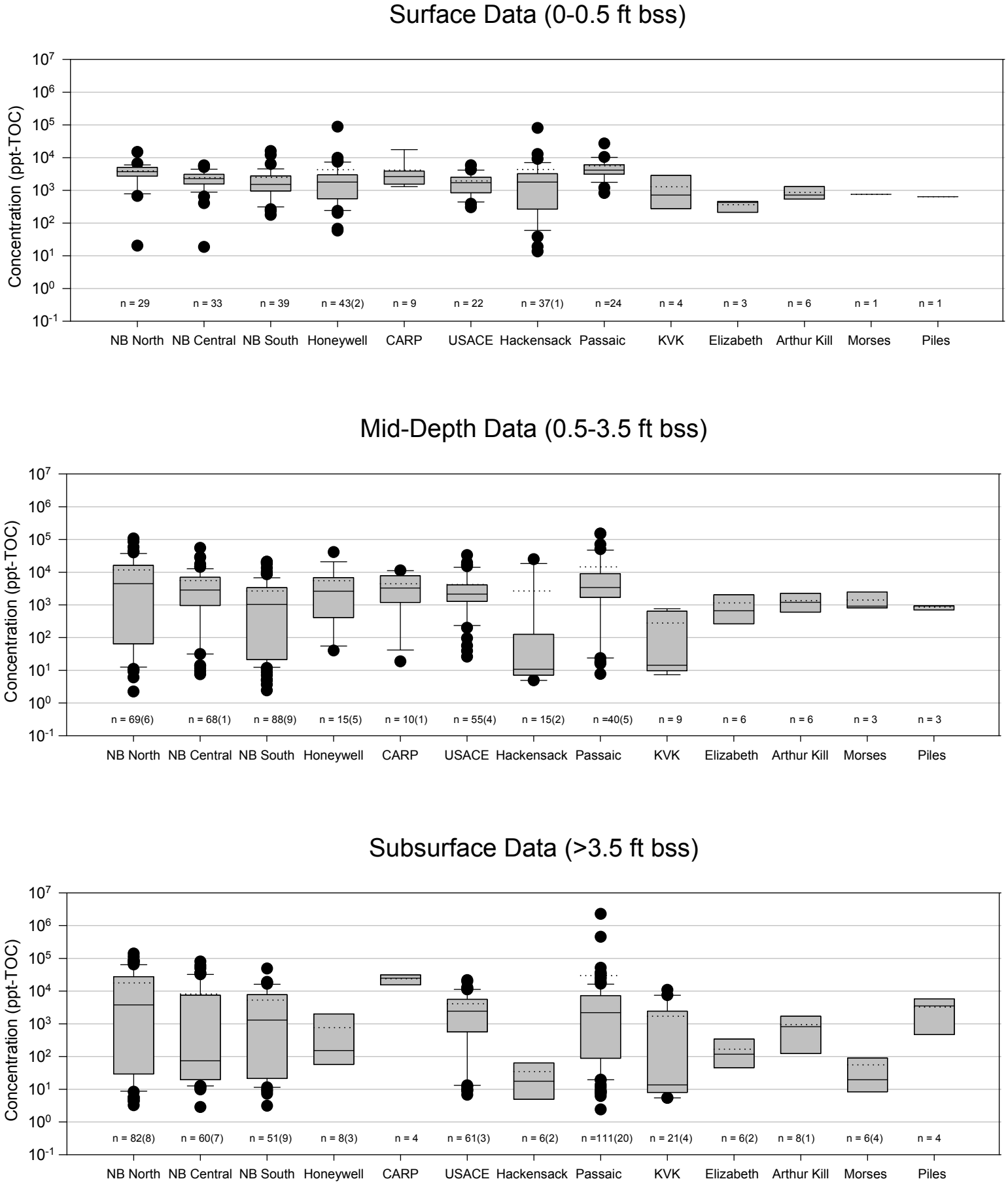
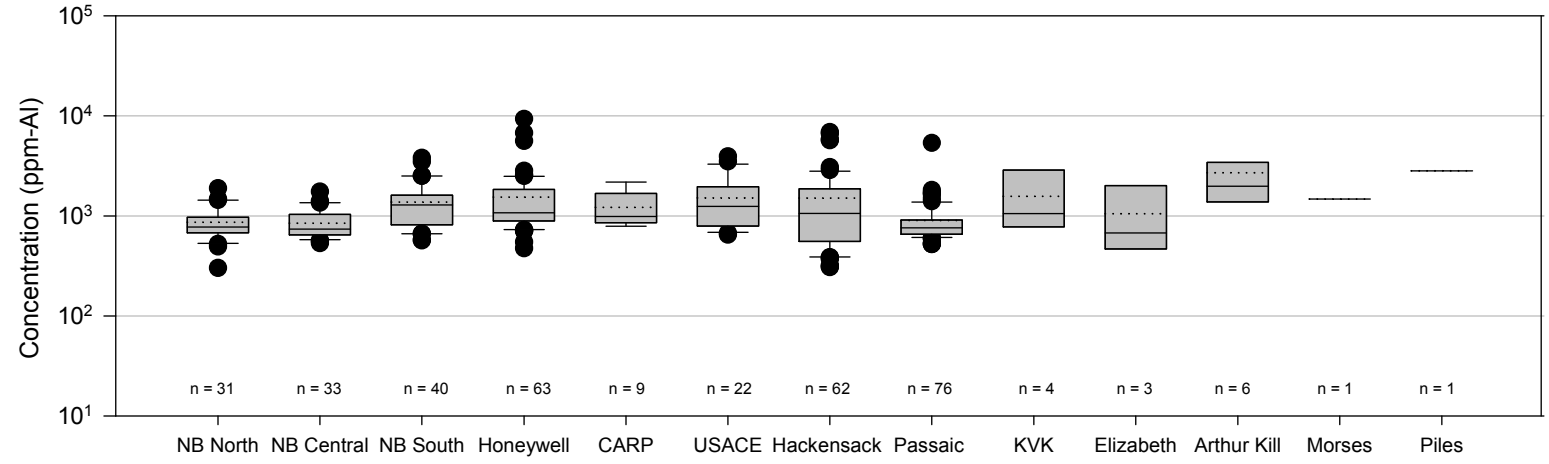
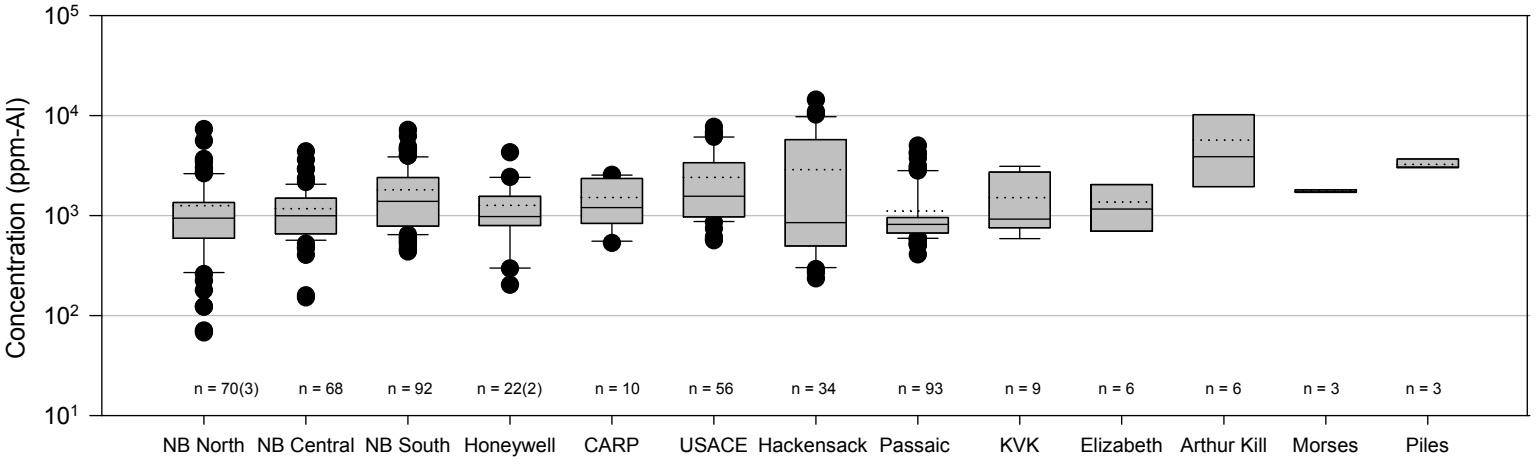


Figure G-20: Al-Normalized Arsenic

Surface Data (0-0.5 ft bss)



Mid-Depth Data (0.5-3.5 ft bss)



Subsurface Data (>3.5 ft bss)

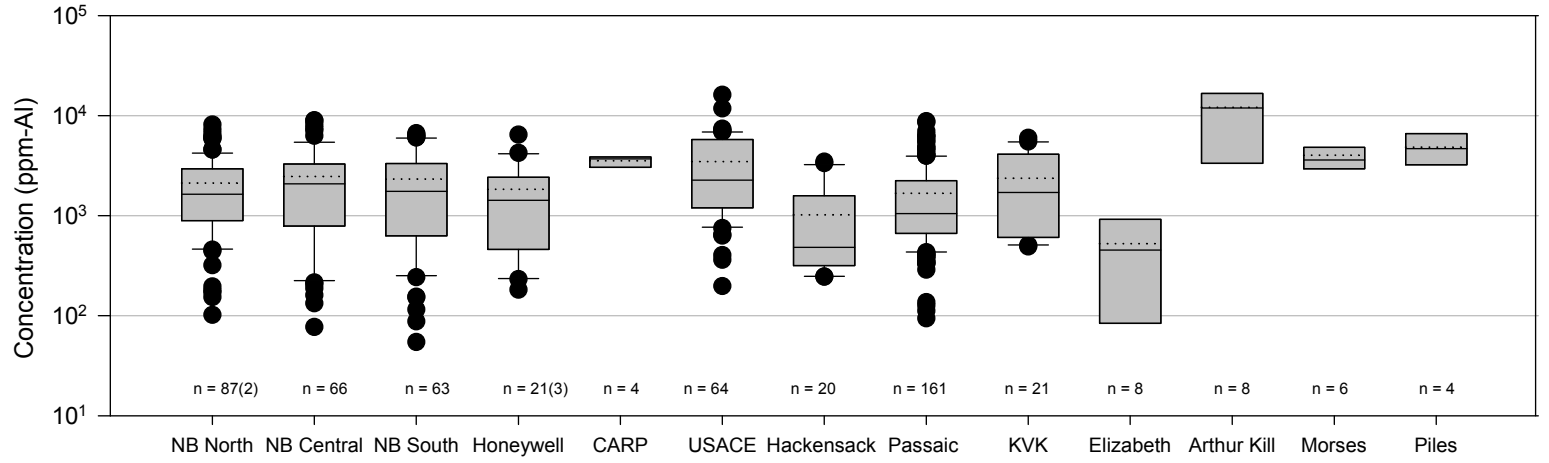


Figure G-21: Al-Normalized Barium

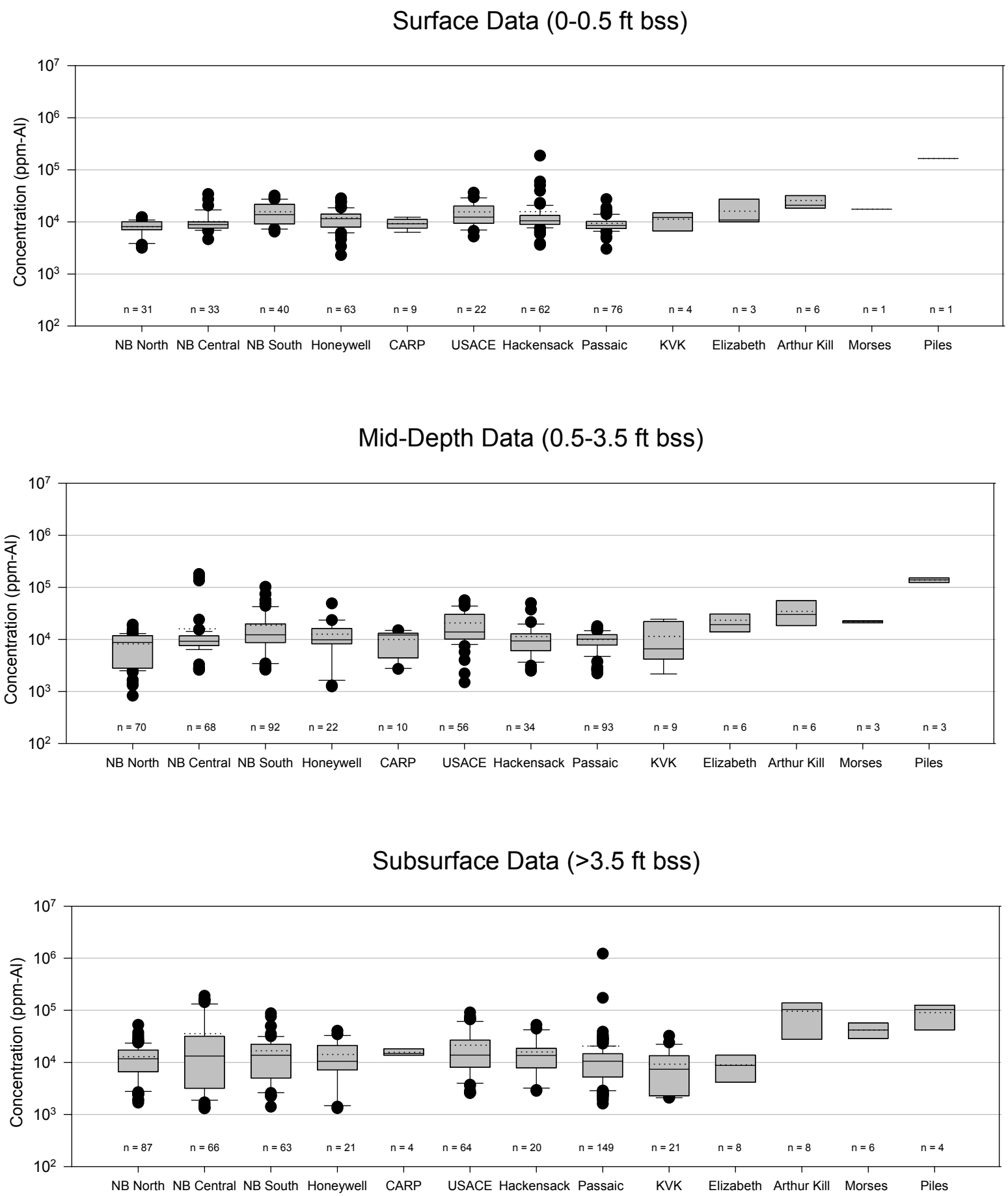
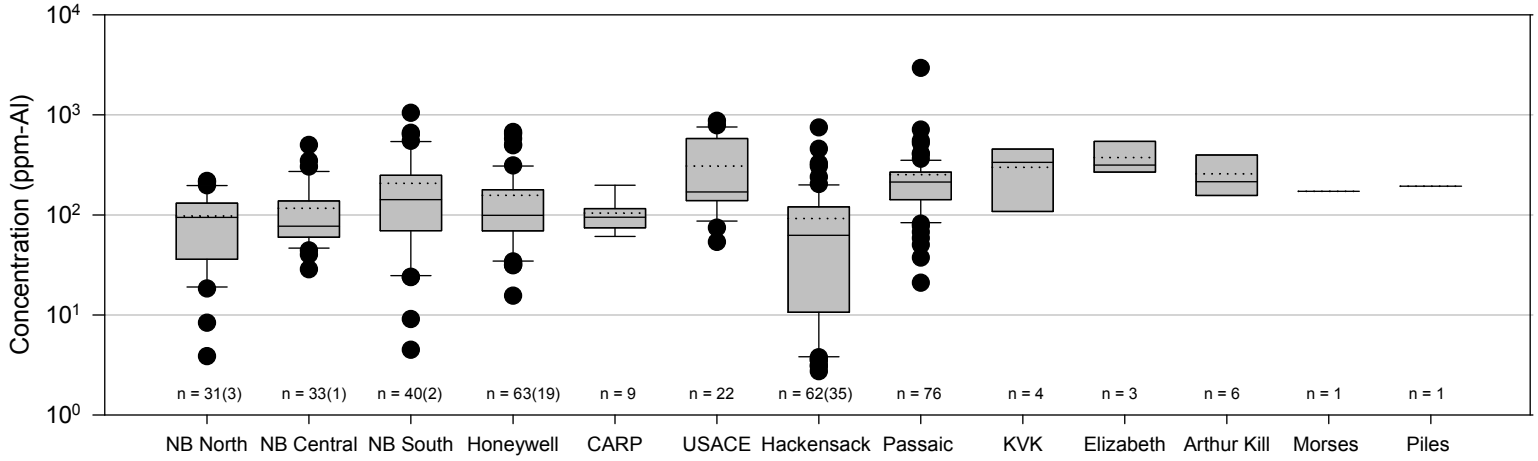
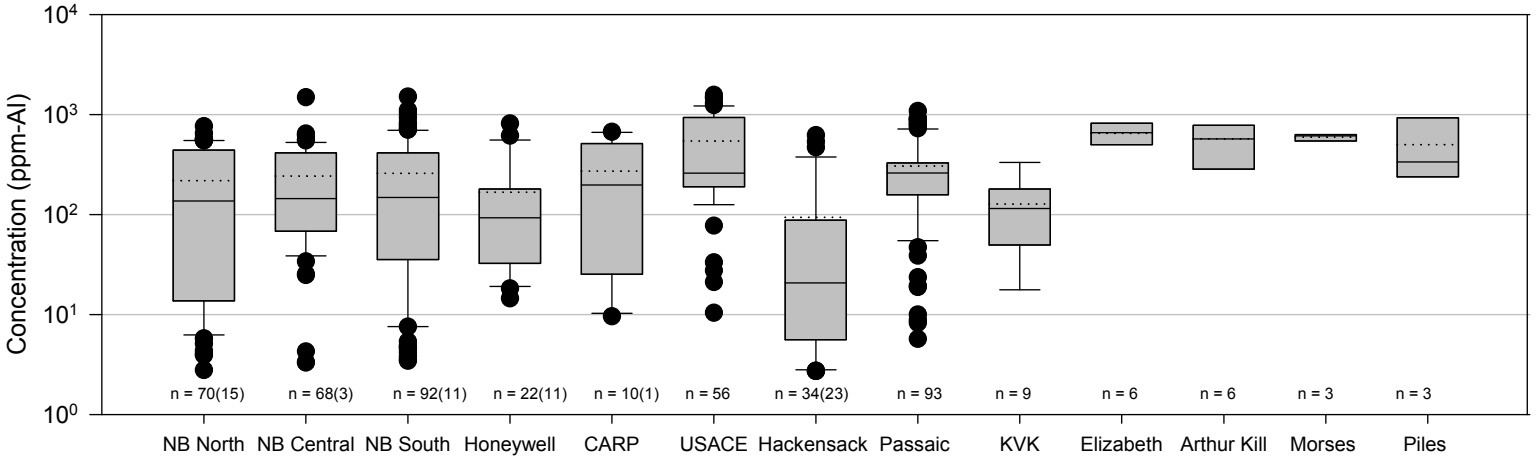


Figure G-22: Al-Normalized Cadmium

Surface Data (0-0.5 ft bss)



Mid-Depth Data (0.5-3.5 ft bss)



Subsurface Data (>3.5 ft bss)

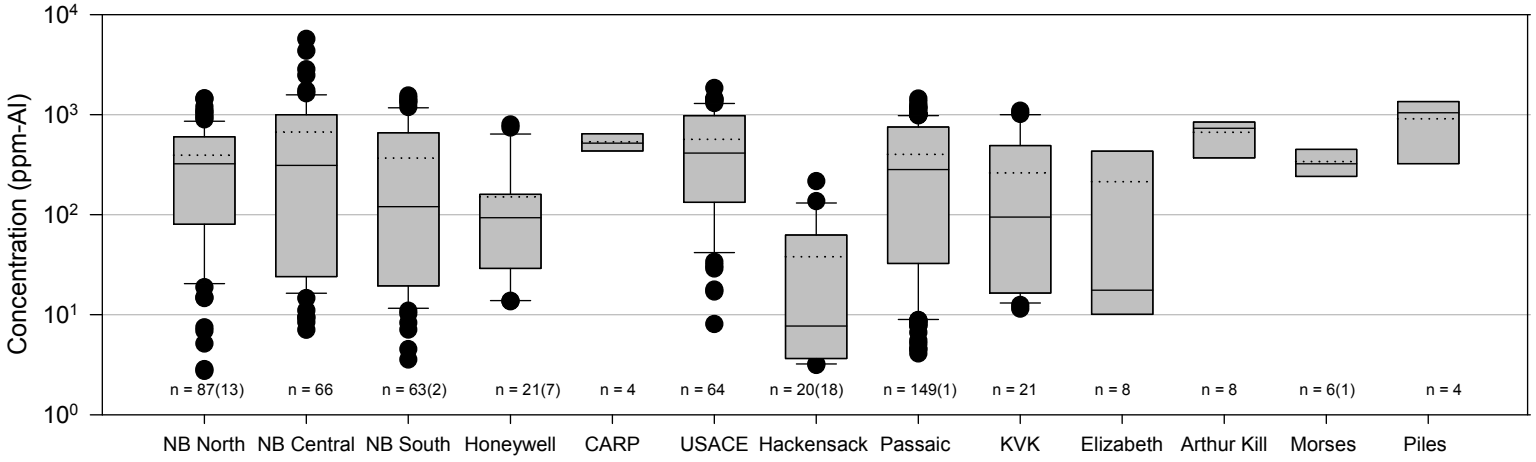
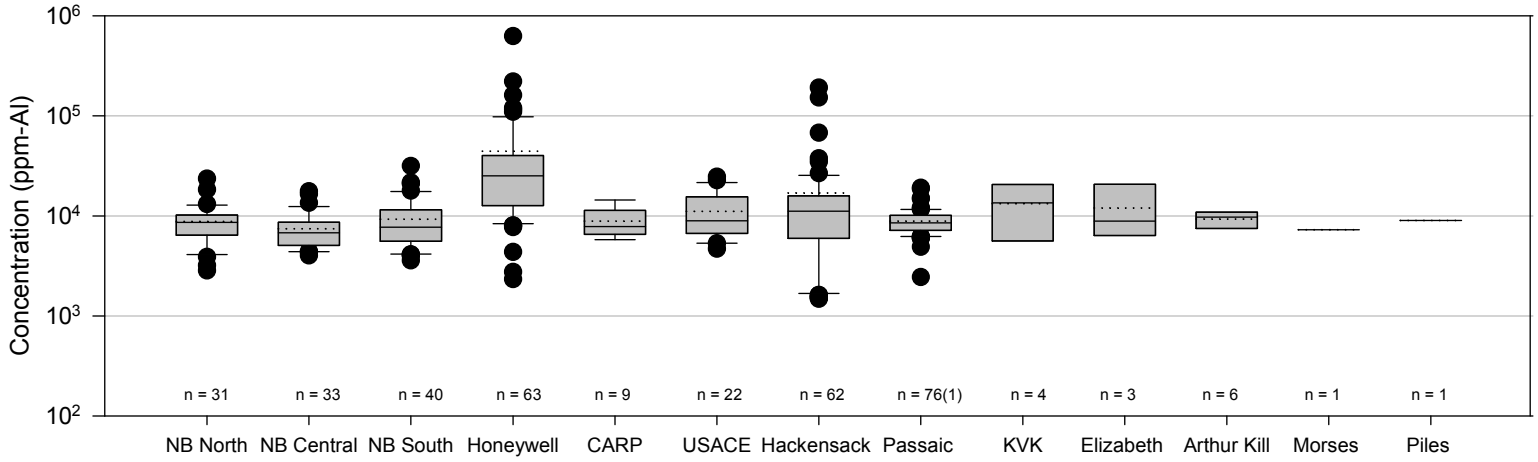
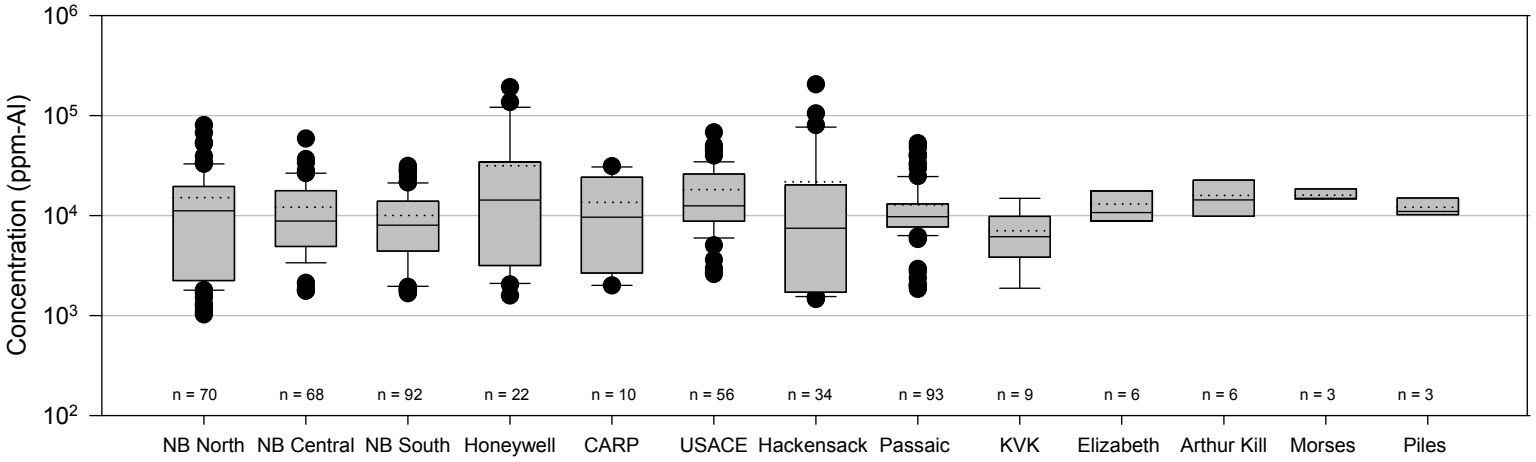


Figure G-23: Al-Normalized Chromium

Surface Data (0-0.5 ft bss)



Mid-Depth Data (0.5-3.5 ft bss)



Subsurface Data (>3.5 ft bss)

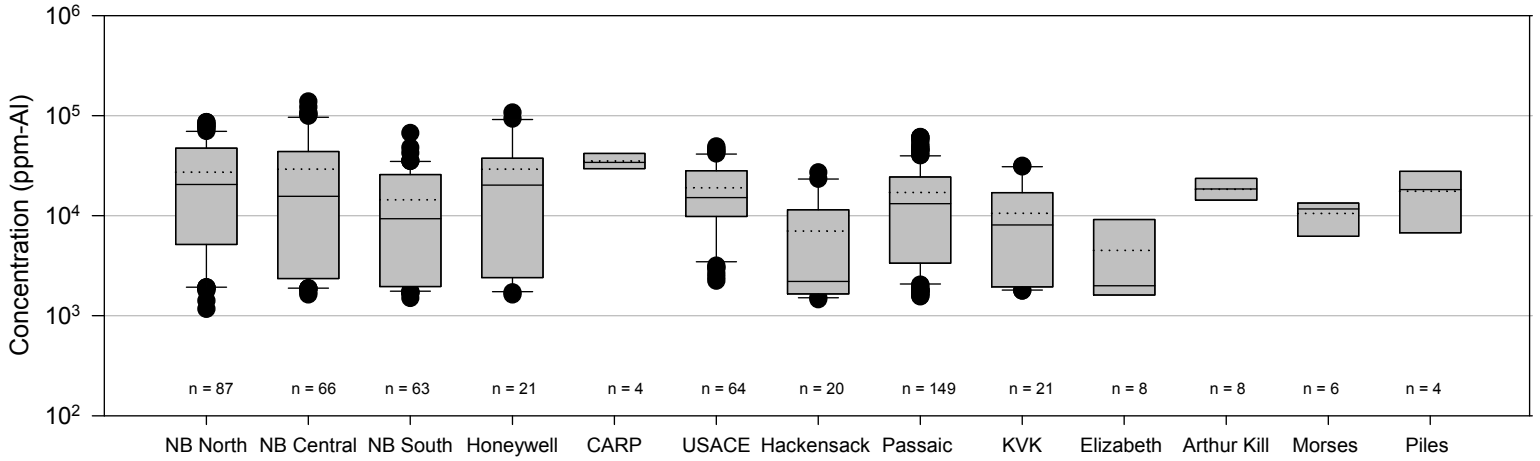
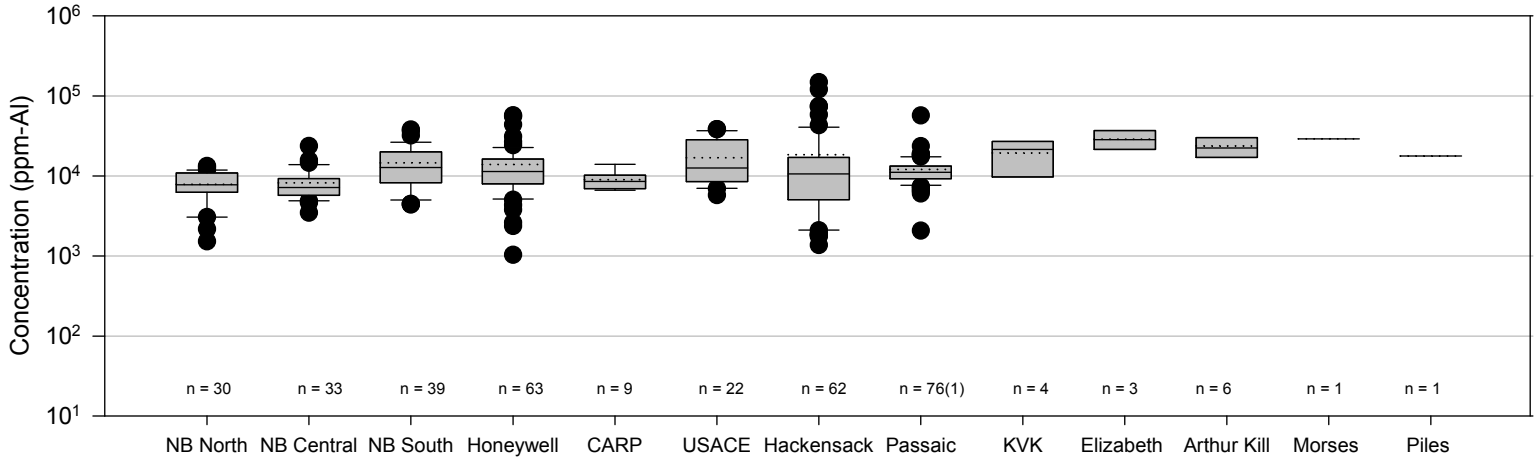
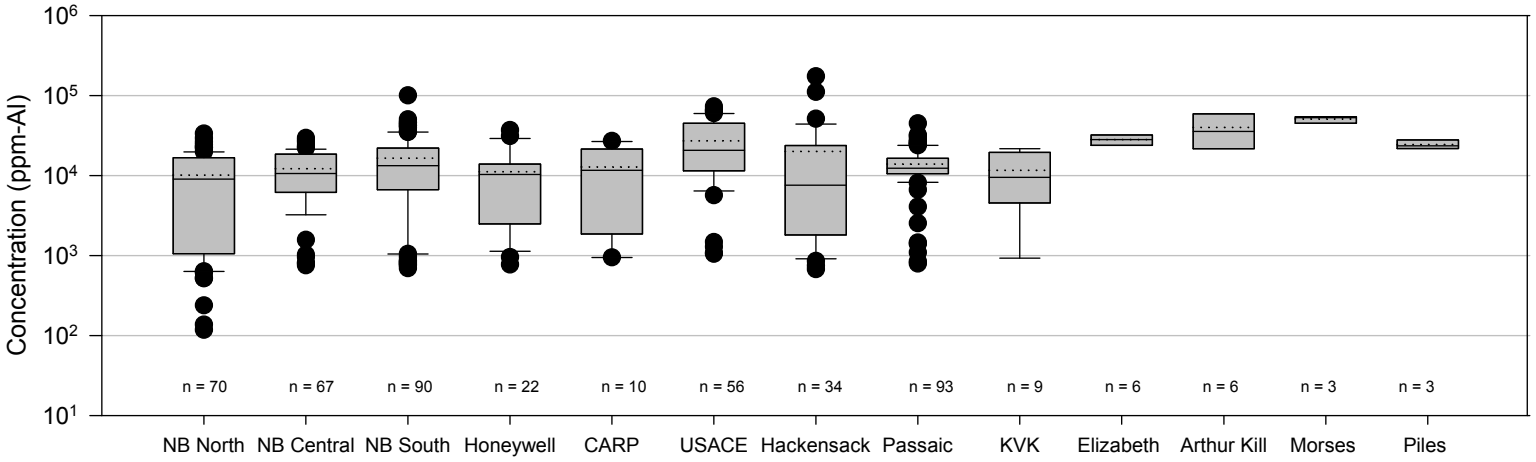


Figure G-24: Al-Normalized Copper

Surface Data (0-0.5 ft bss)



Mid-Depth Data (0.5-3.5 ft bss)



Subsurface Data (>3.5 ft bss)

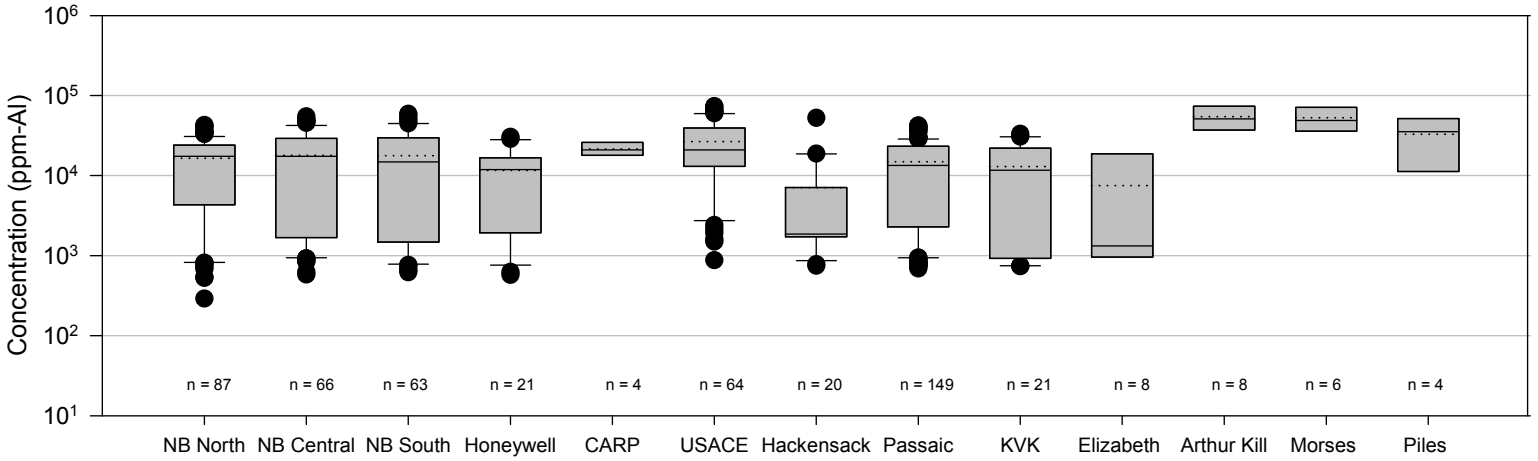
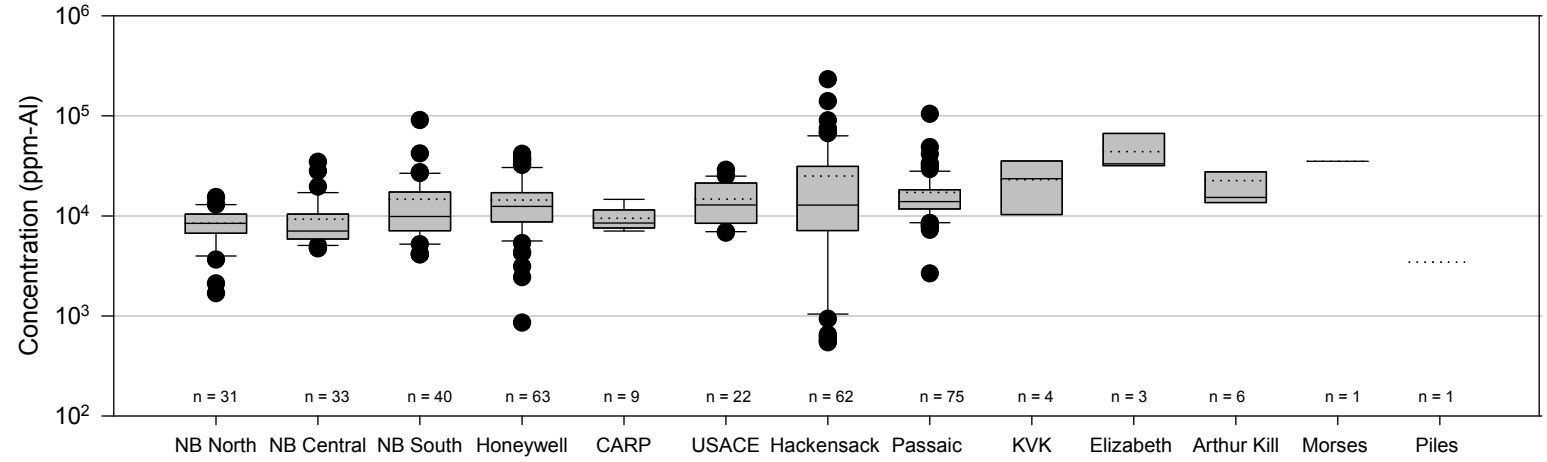
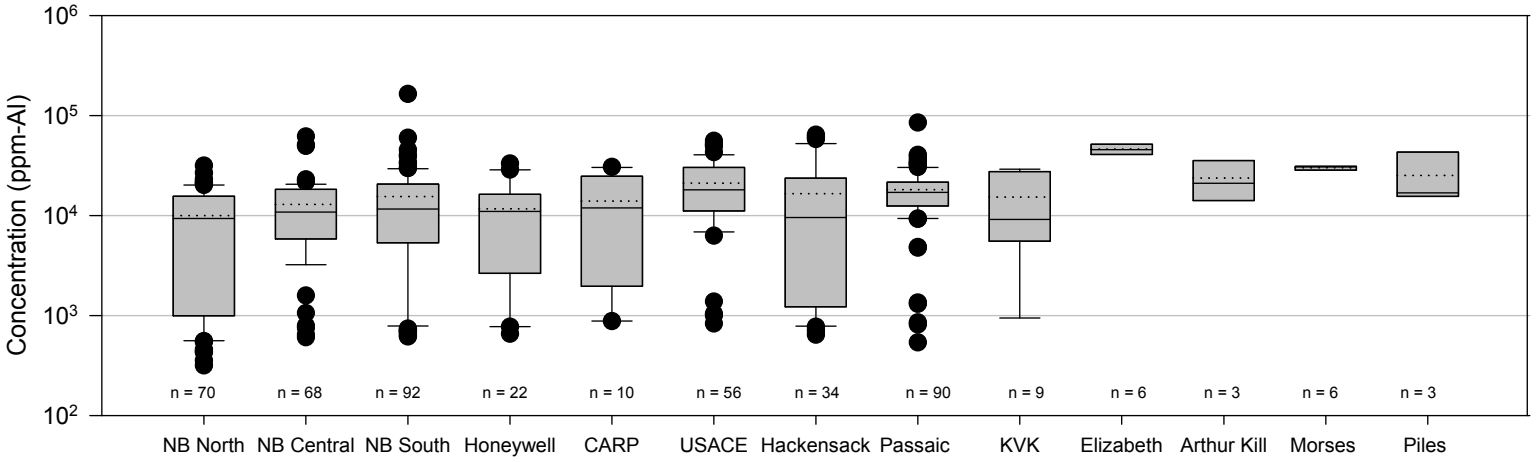


Figure G-25: Al-Normalized Lead

Surface Data (0-0.5 ft bss)



Mid-Depth Data (0.5-3.5 ft bss)



Subsurface Data (>3.5 ft bss)

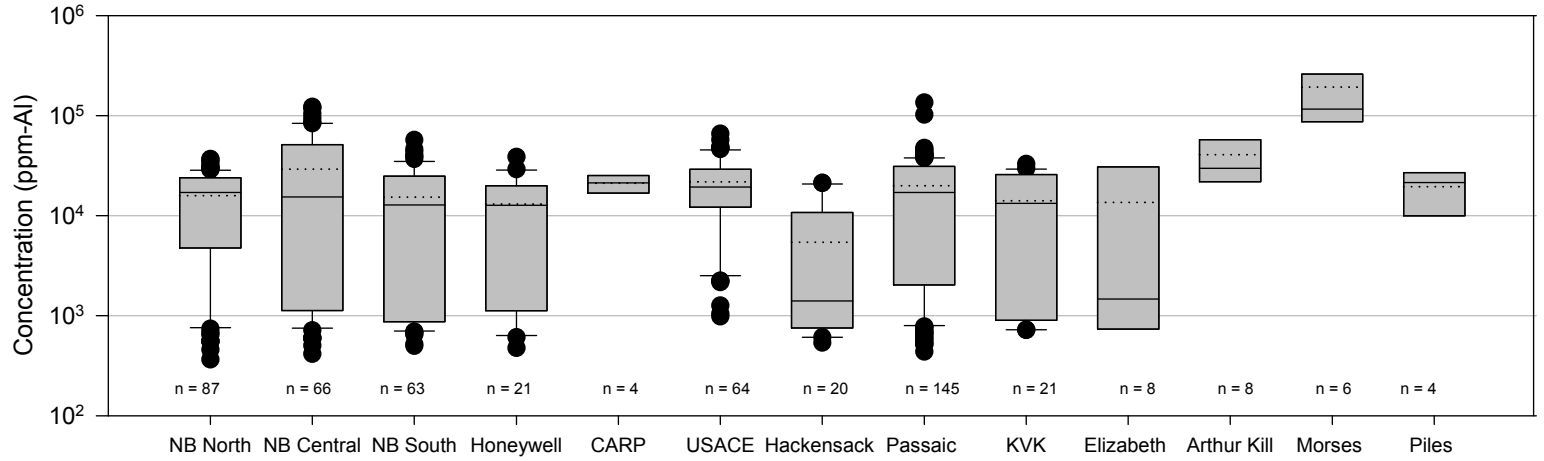


Figure G-26: Al-Normalized Mercury

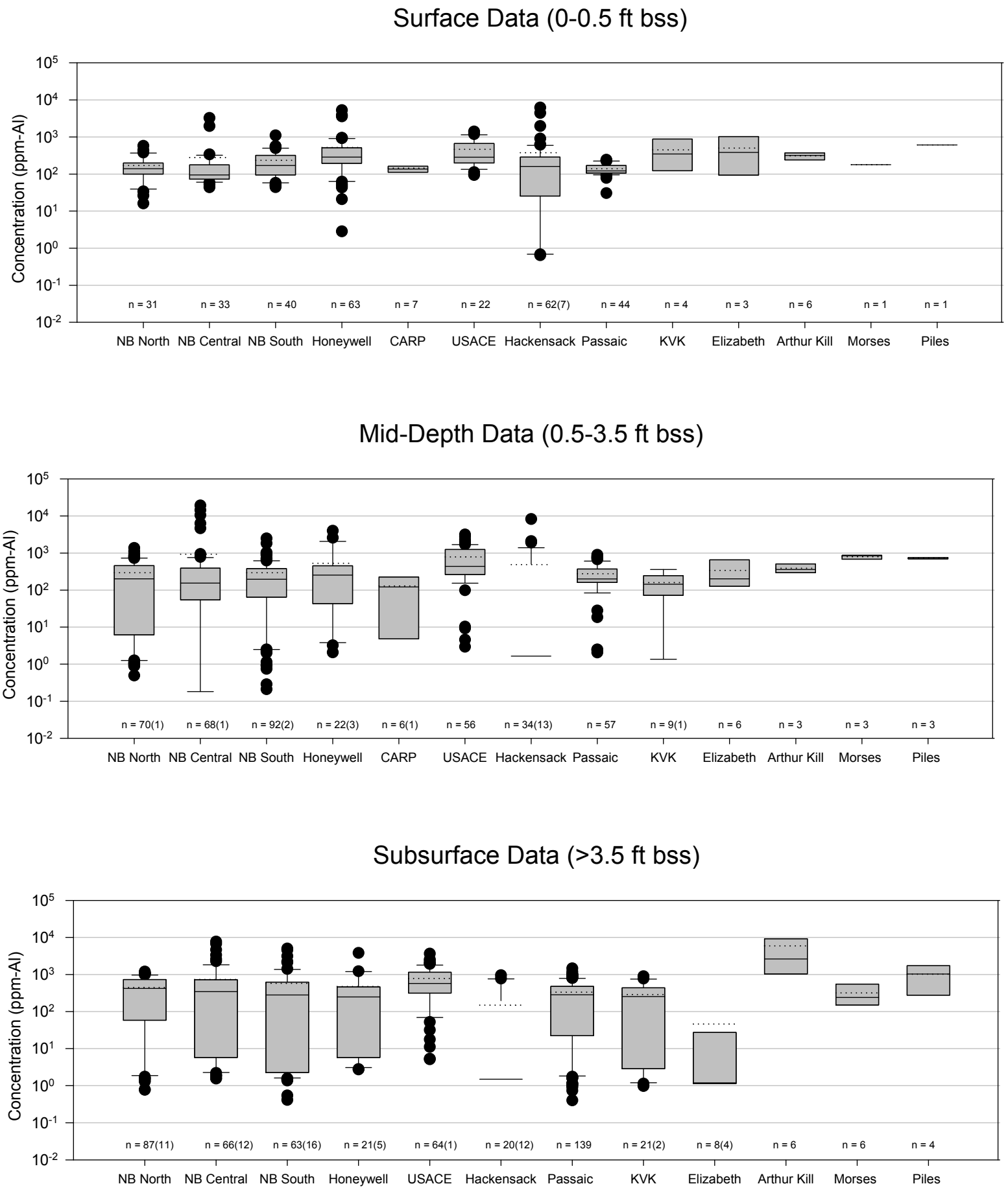
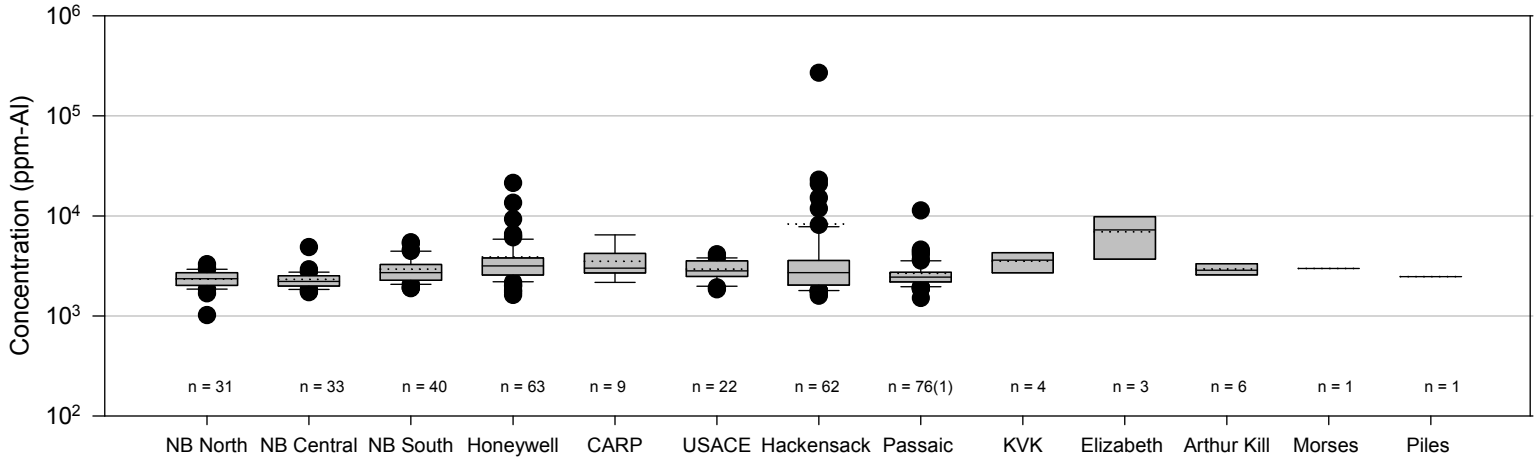
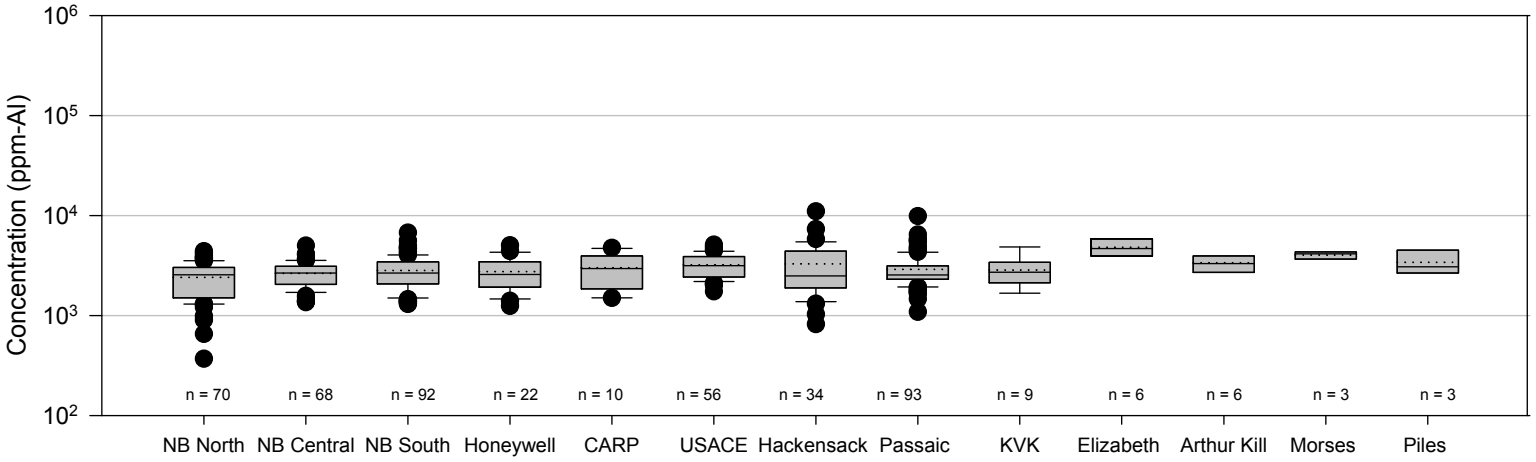


Figure G-27: Al-Normalized Nickel

Surface Data (0-0.5 ft bss)



Mid-Depth Data (0.5-3.5 ft bss)



Subsurface Data (>3.5 ft bss)

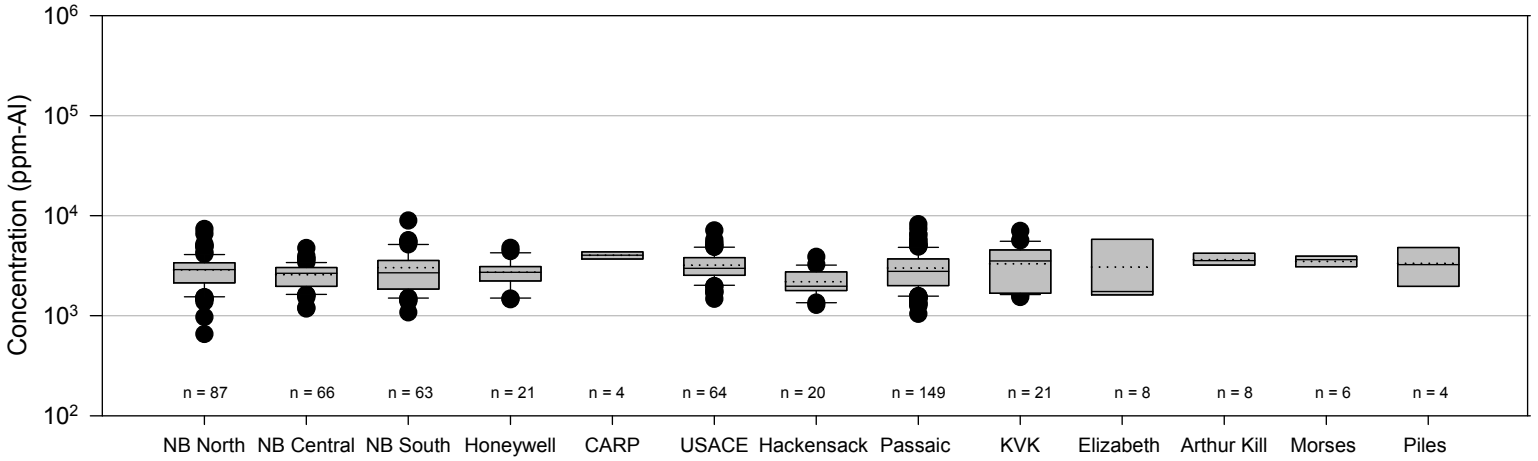


Figure G-28: Al-Normalized Silver

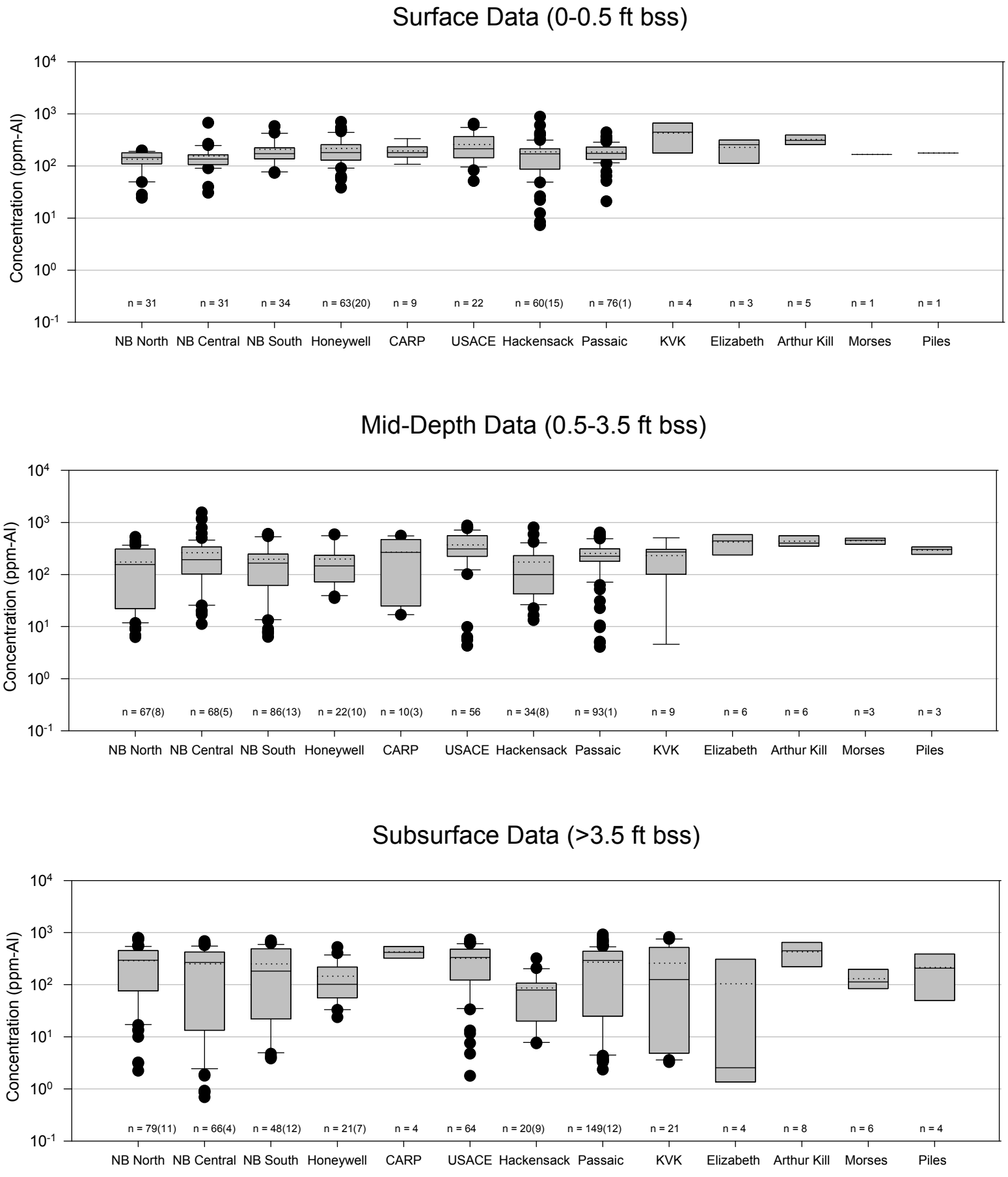
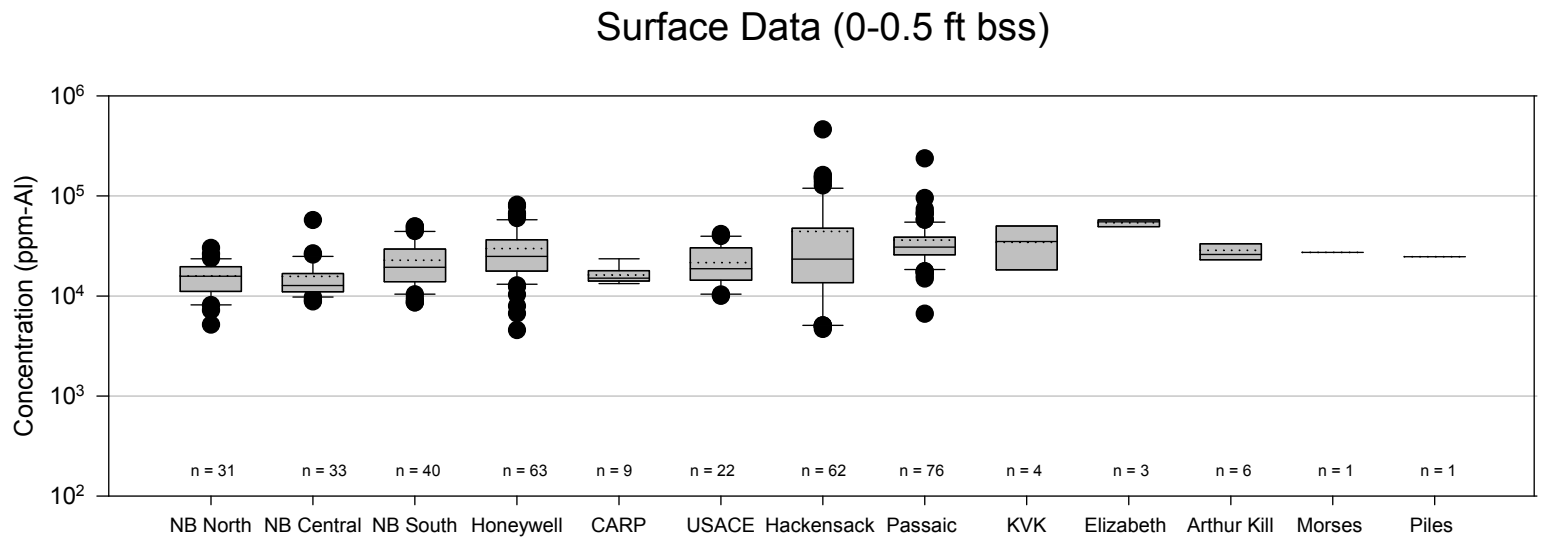
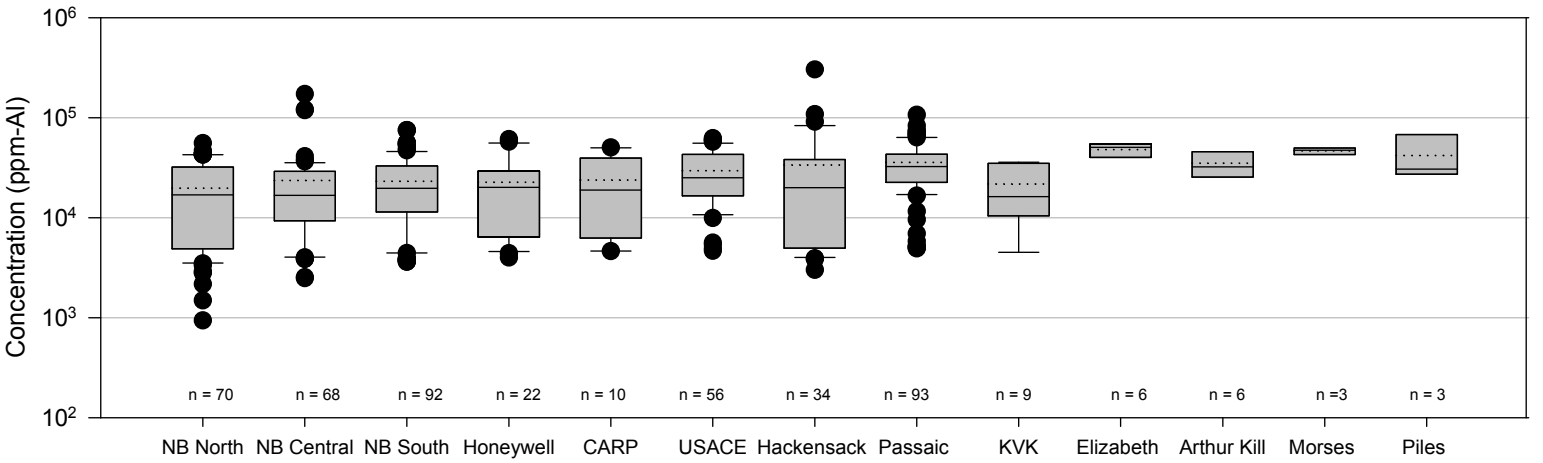


Figure G-29: Al-Normalized Zinc





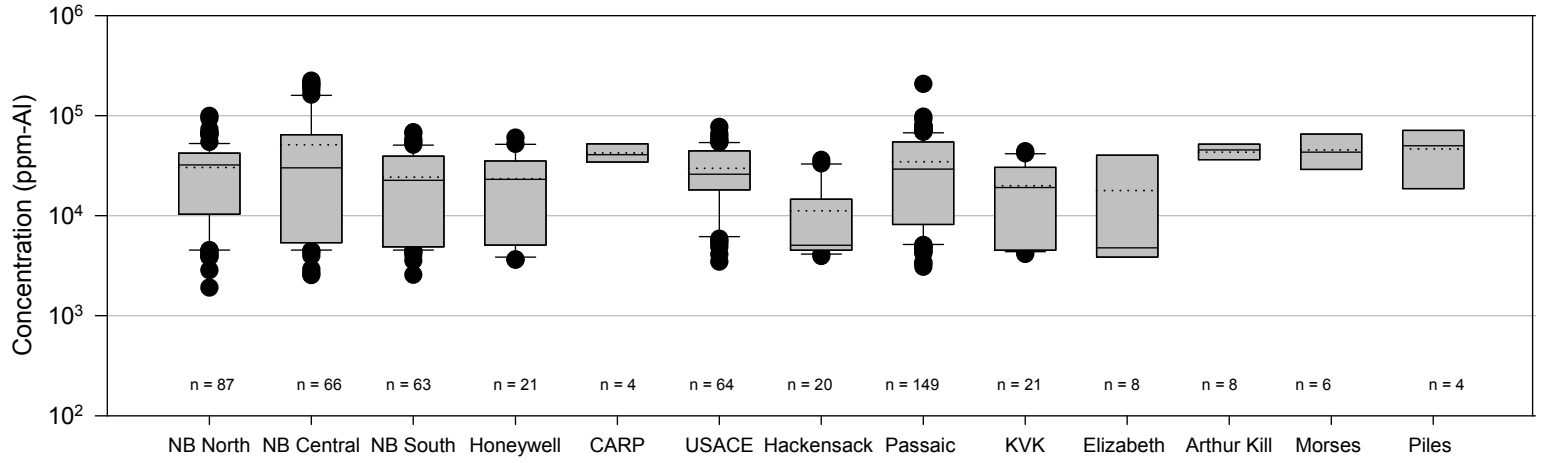


Figure G-30: TOC- Normalized Total Aroclor PCBs

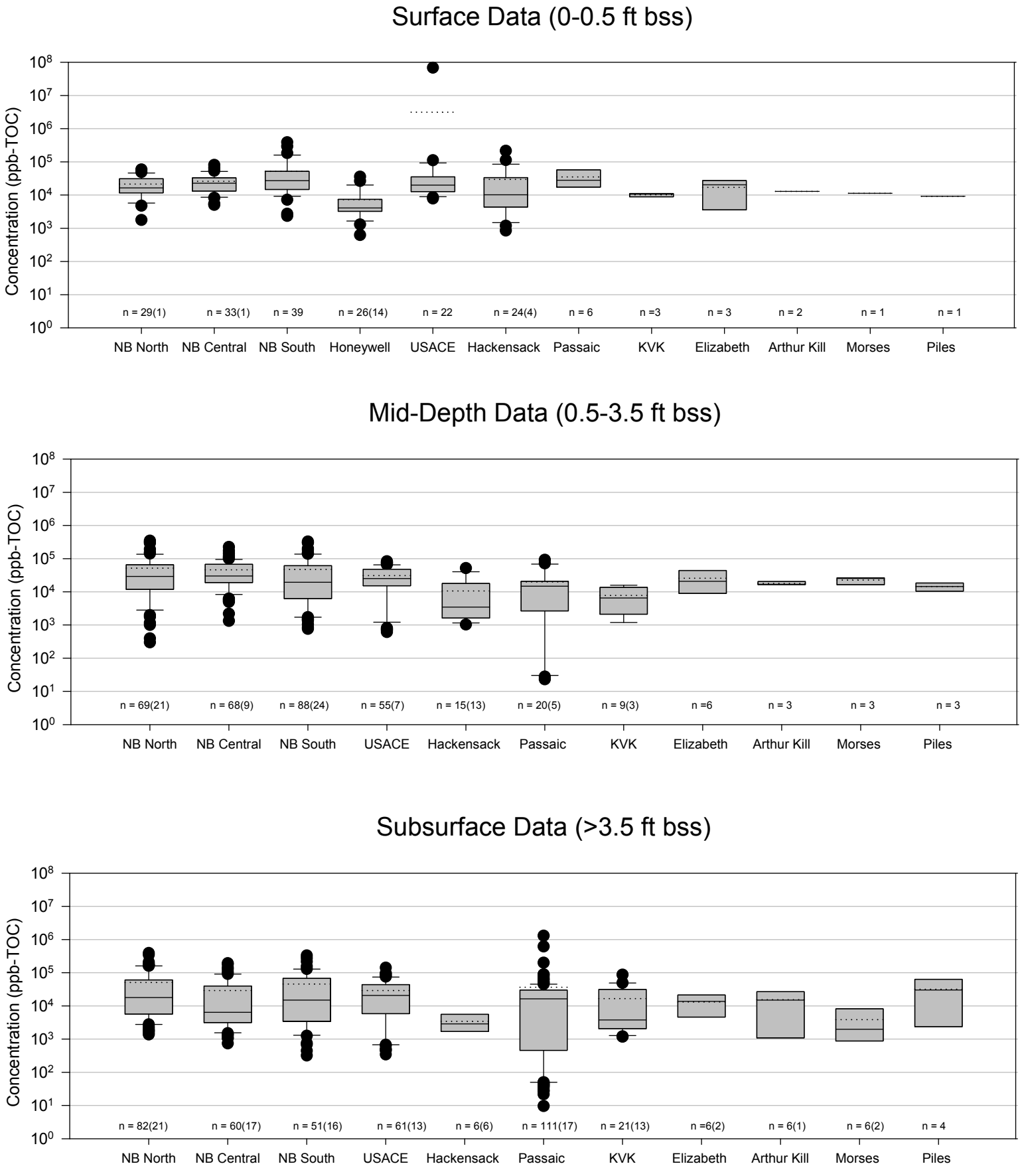
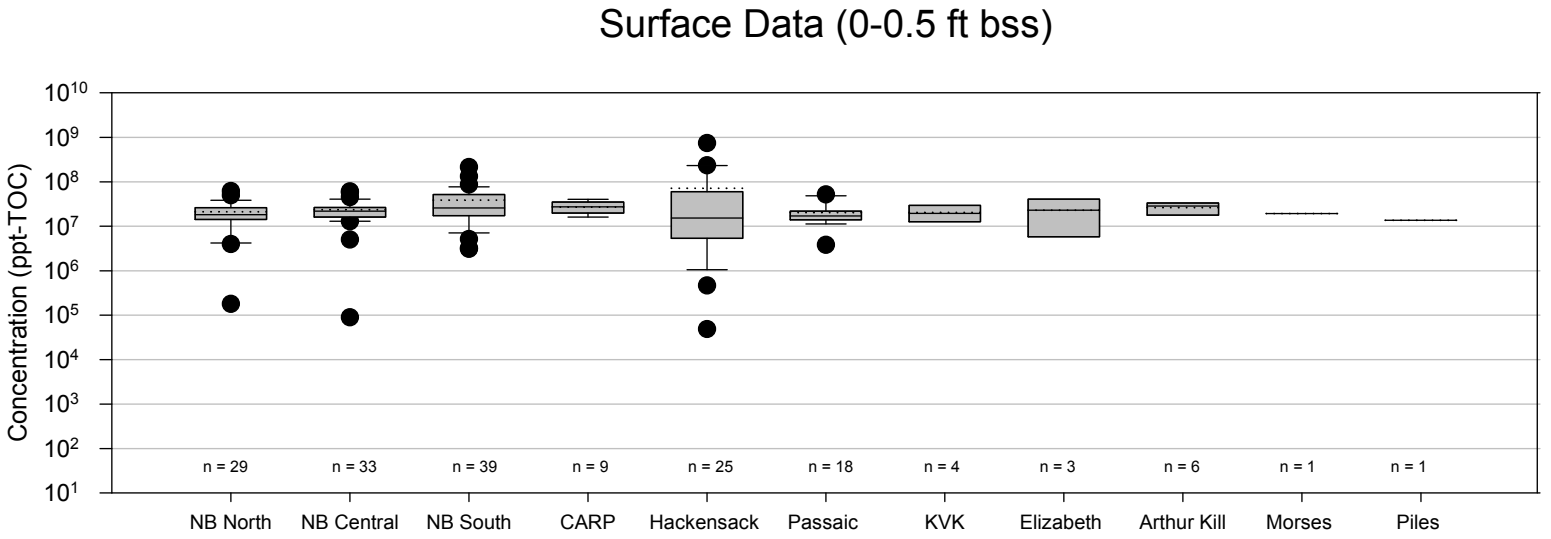
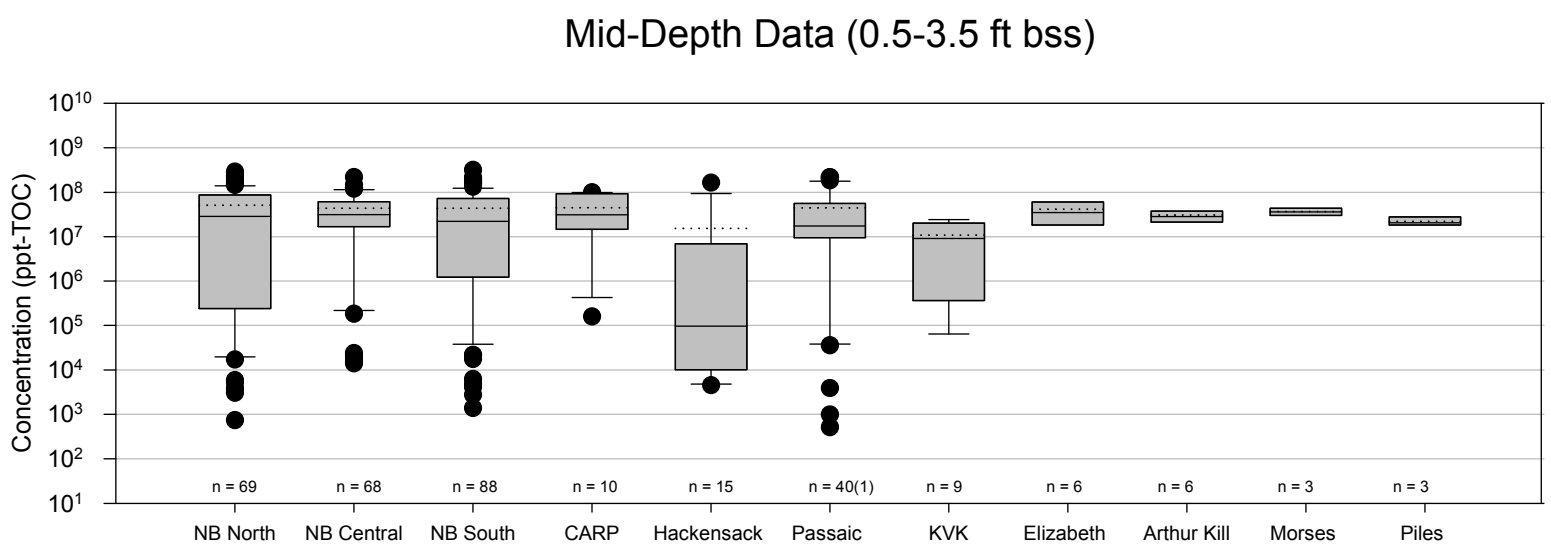


Figure G-31: TOC-Normalized Total PCB Congeners





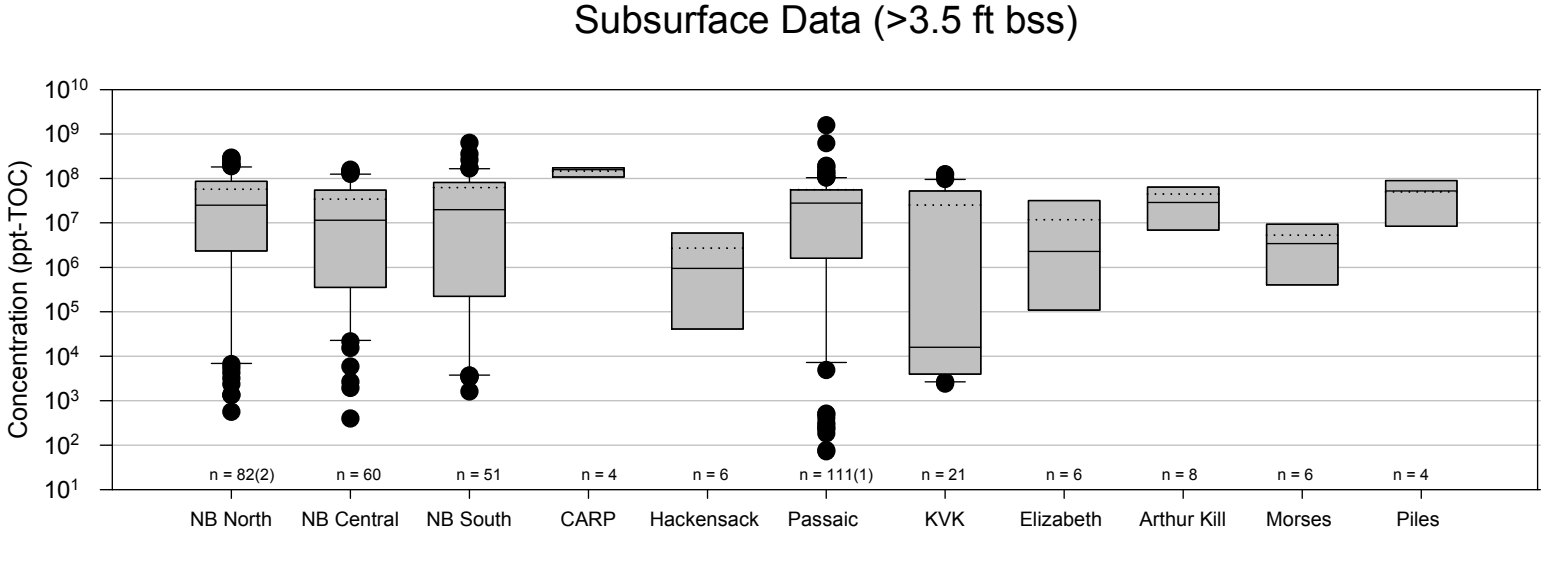


Figure G-32: TOC-Normalized Total Alpha + Gamma Chlordane

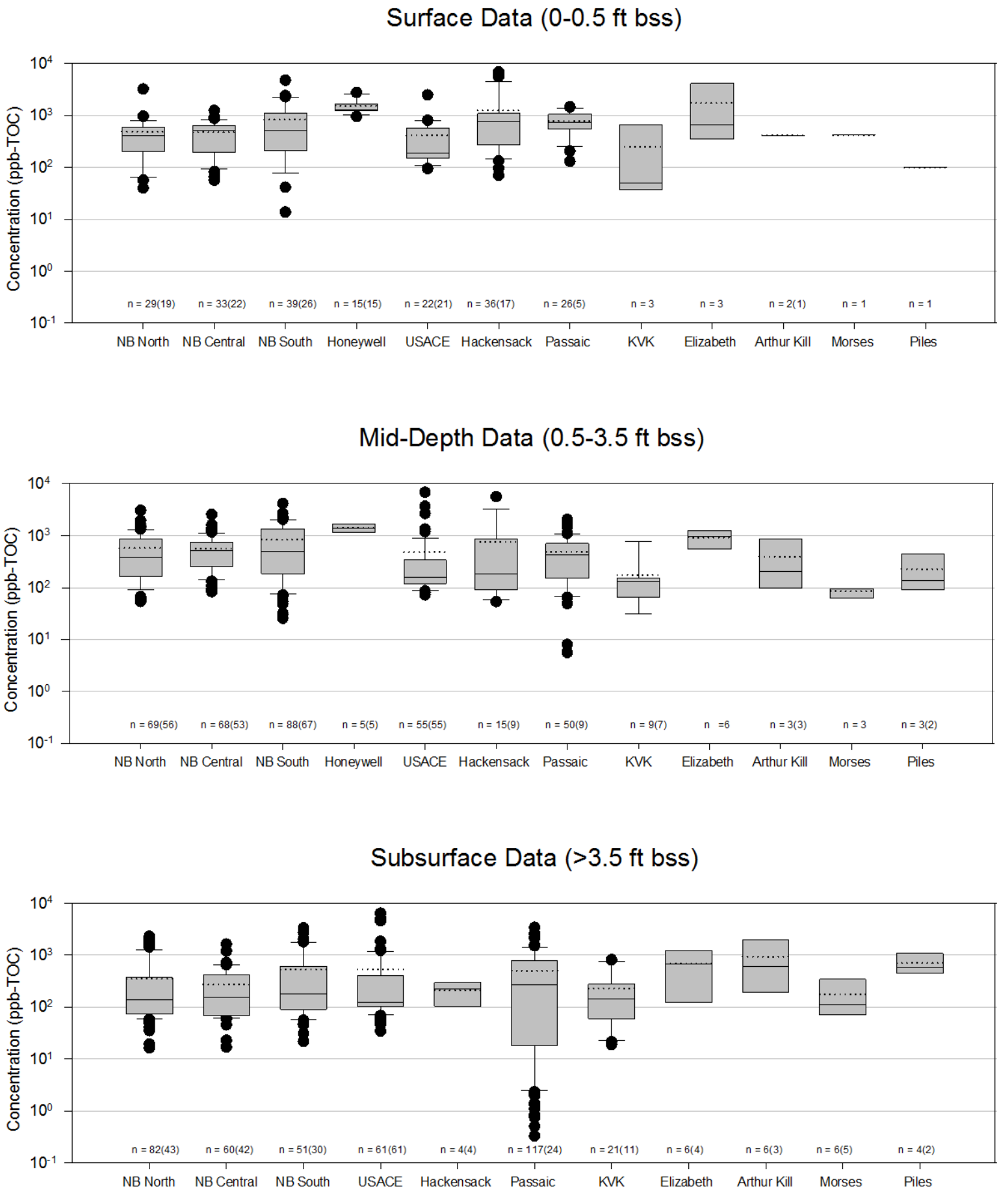


Figure G-33: TOC-Normalized Total DDT (4,4)

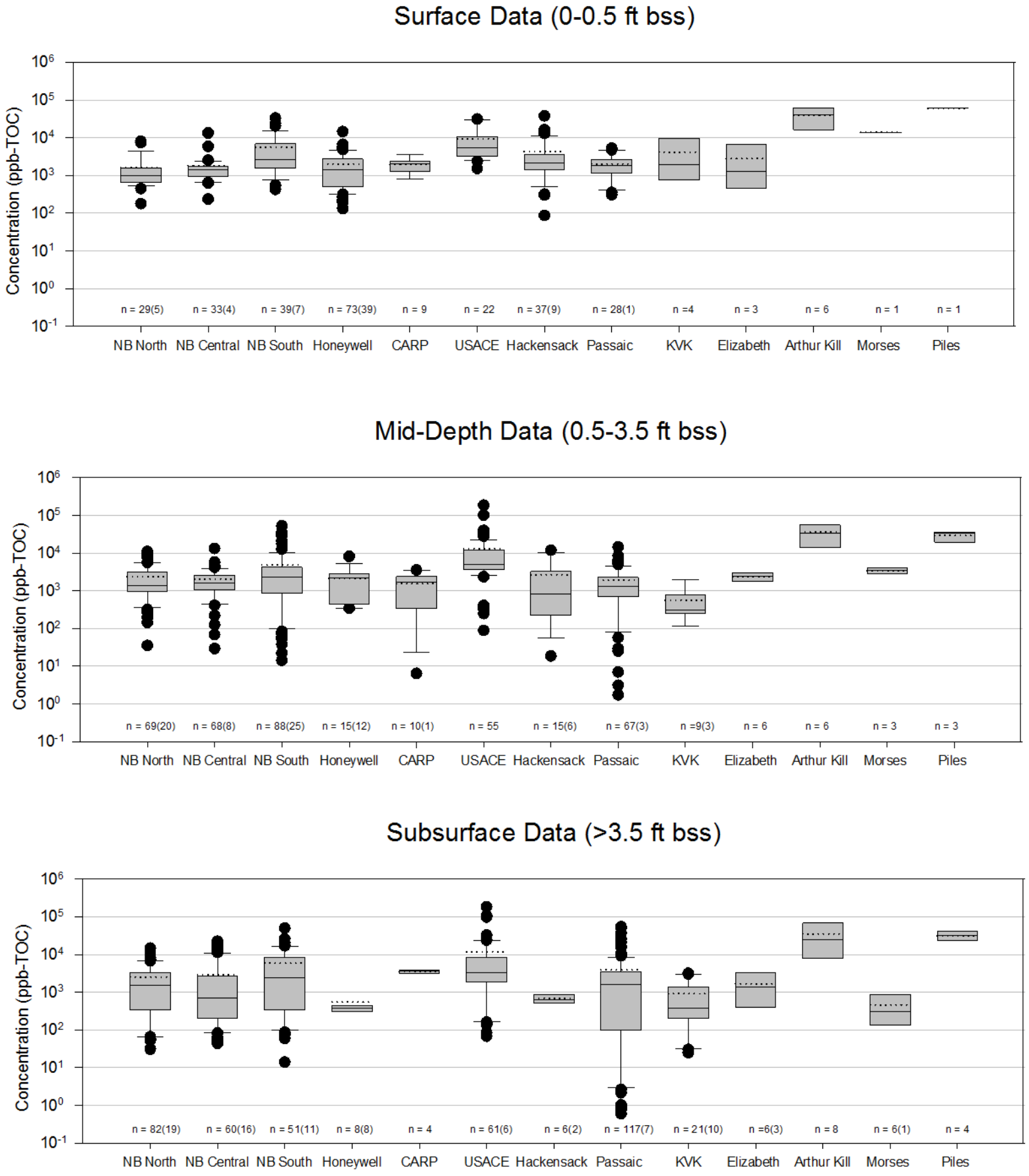


Figure G-34: TOC-Normalized BEHP

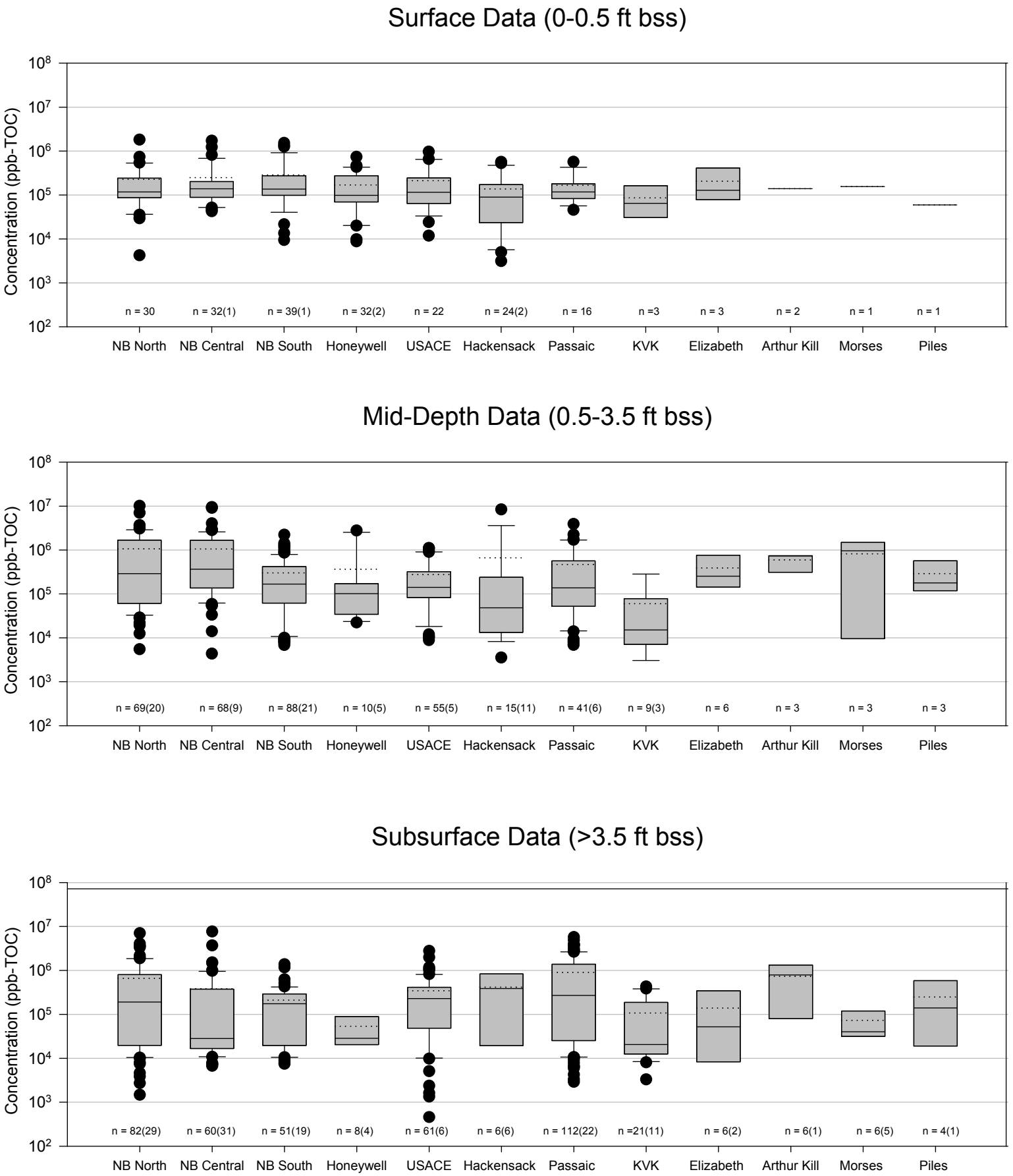
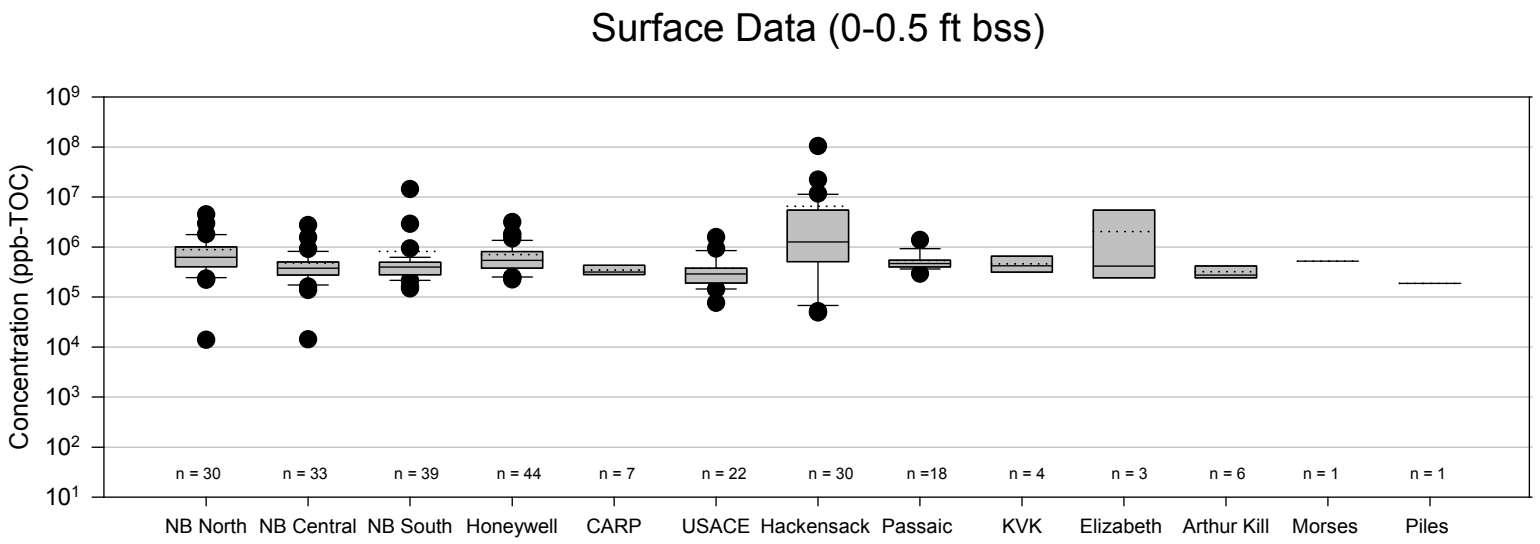
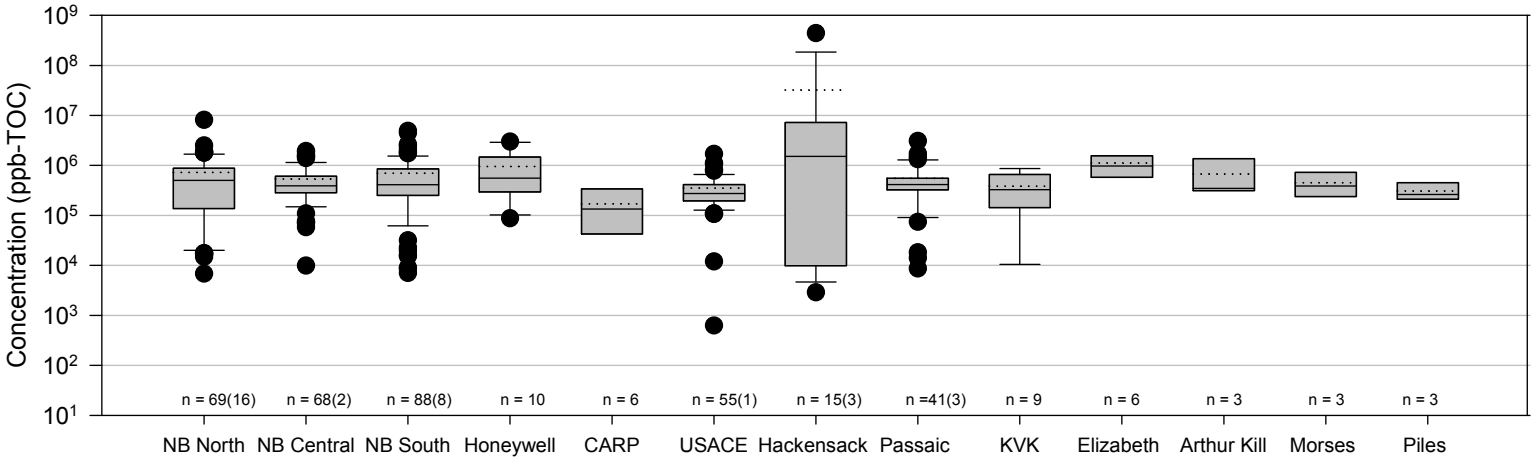


Figure G-35: TOC-Normalized Total PAHs





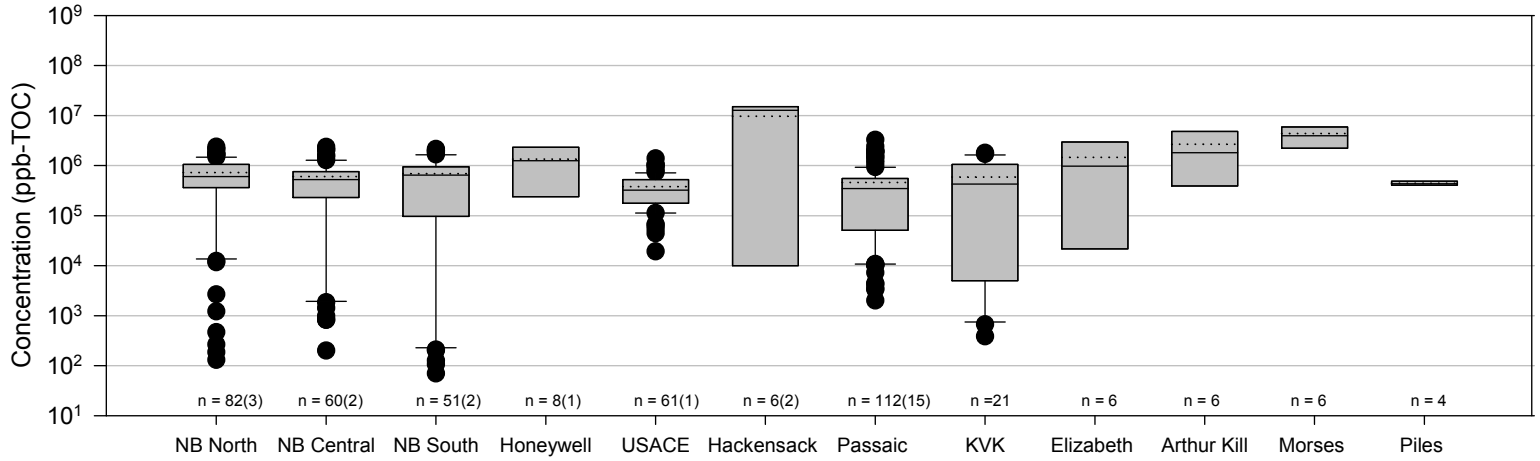


Figure G-36: TOC-Normalized TPH

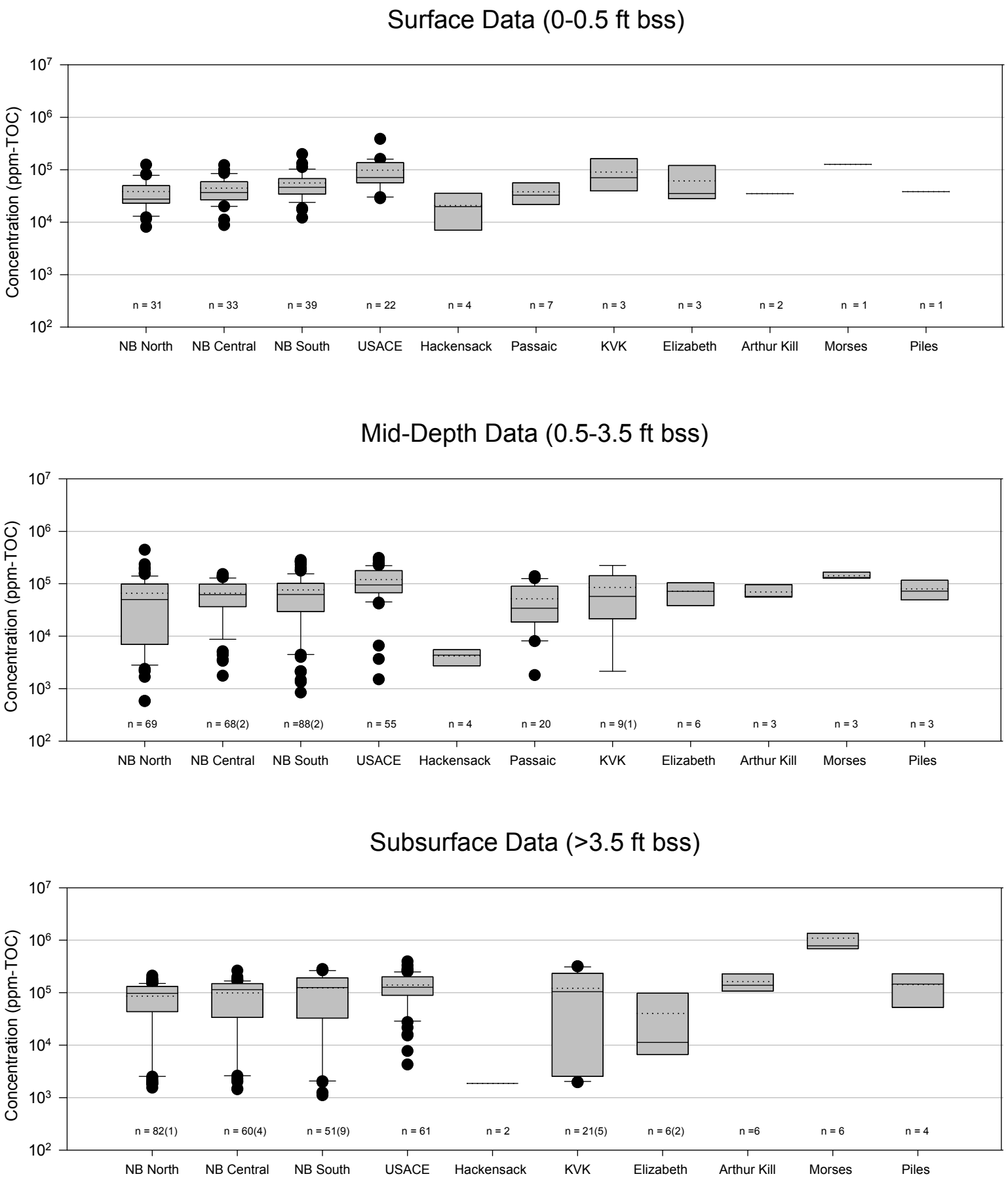
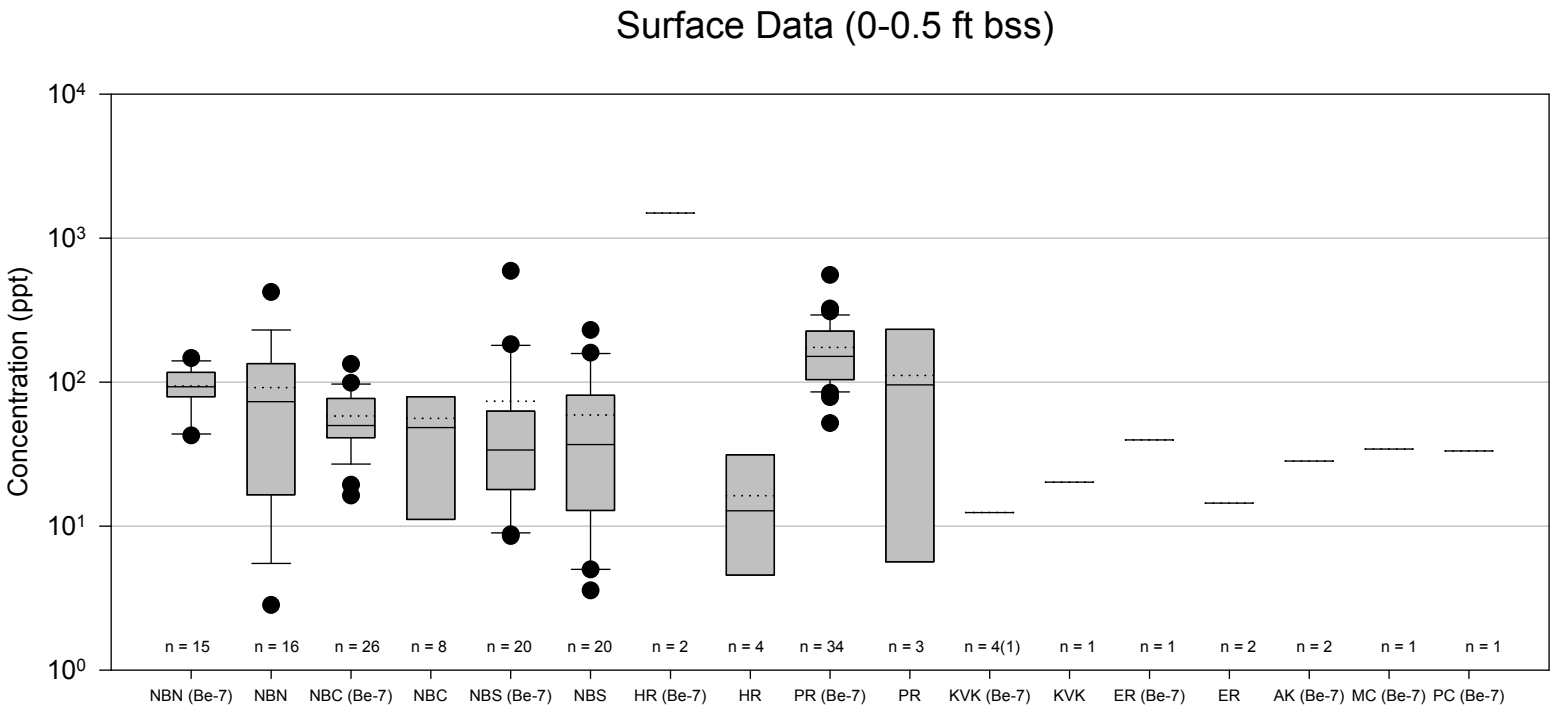


Figure G-37: (Be-7) 2,3,7,8-TCDD



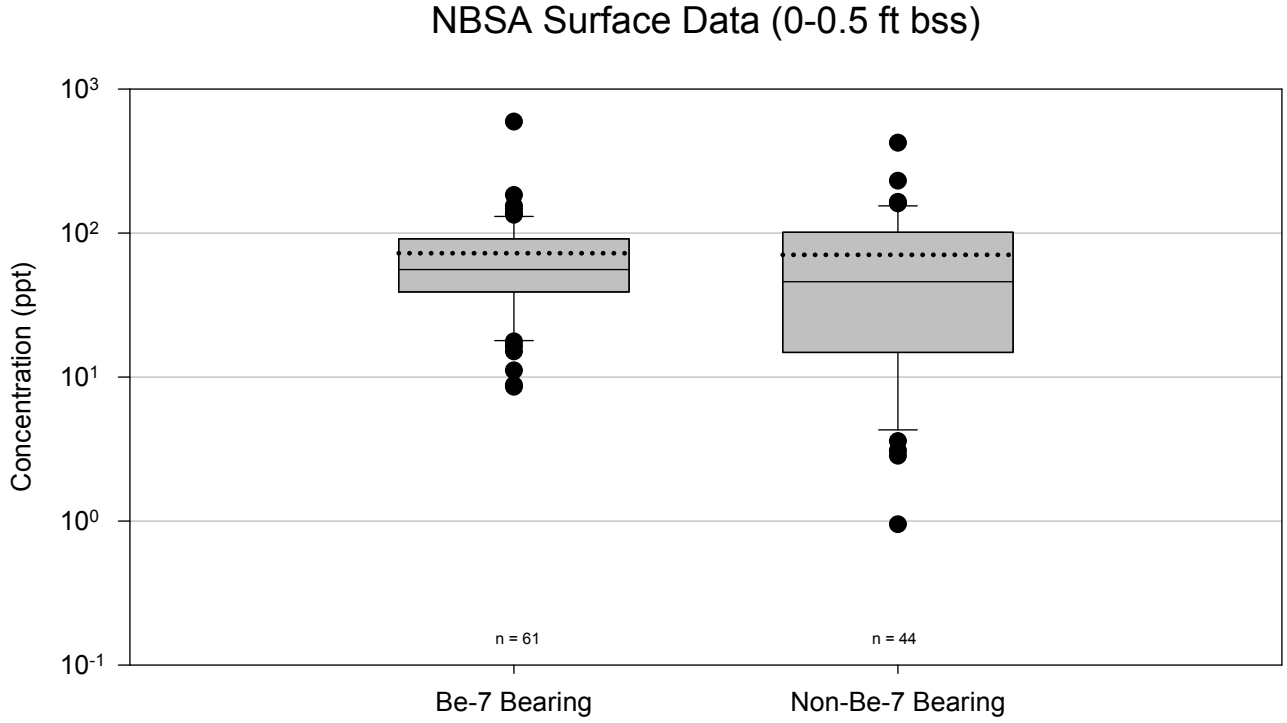
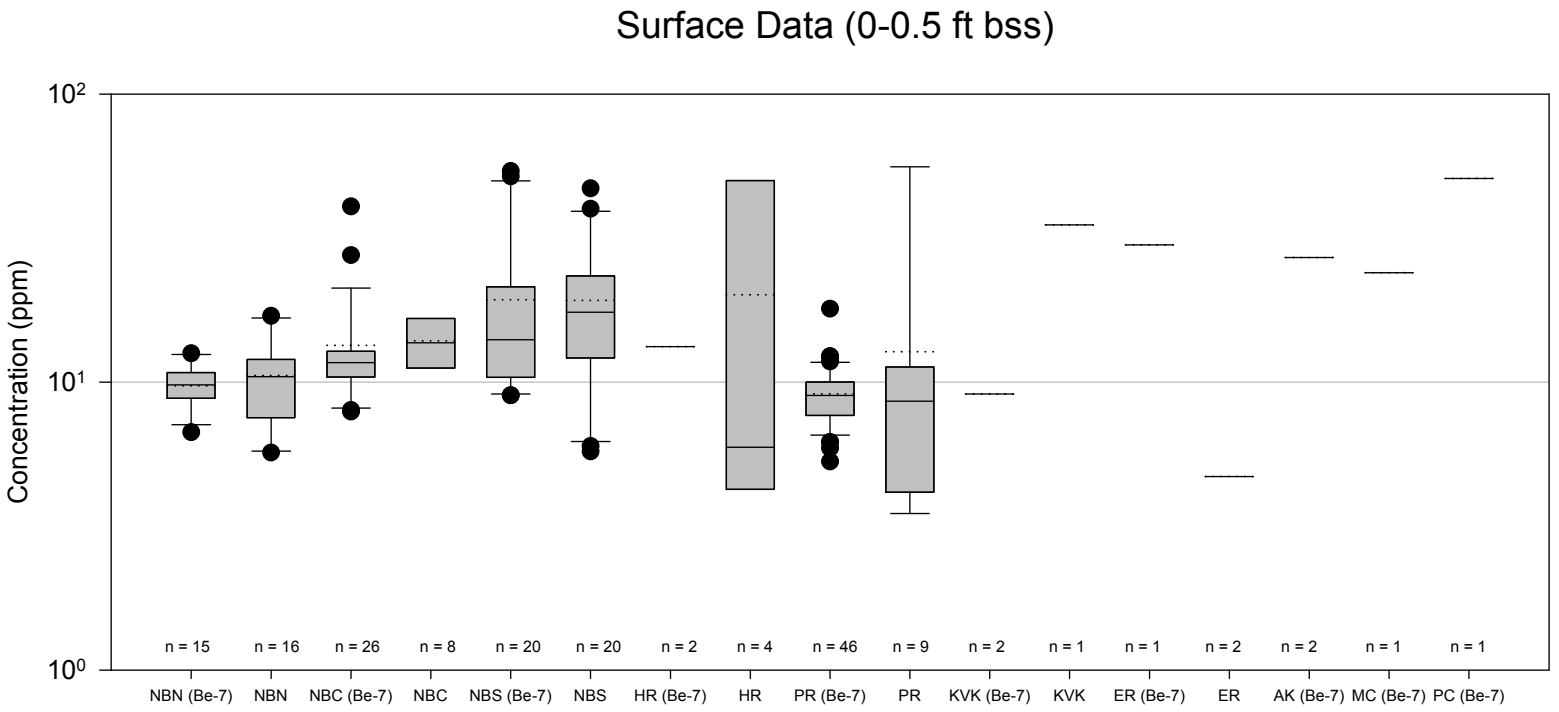


Figure G-38: (Be-7) Arsenic



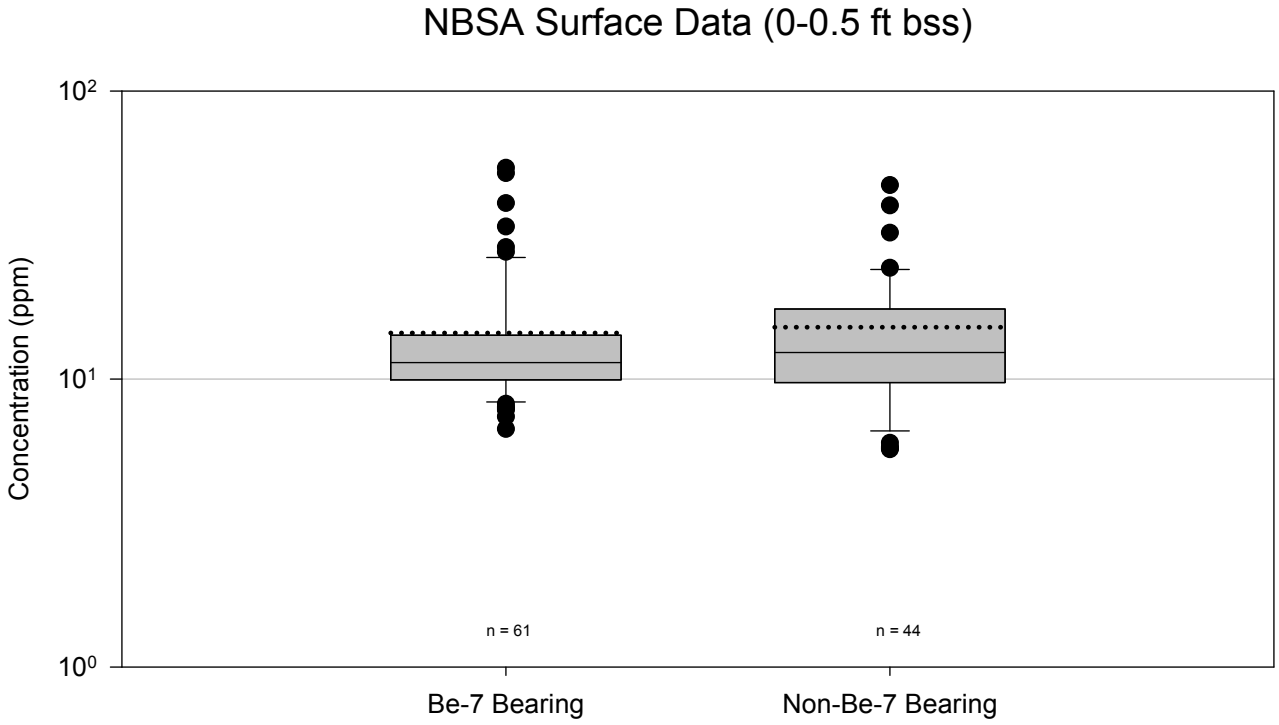
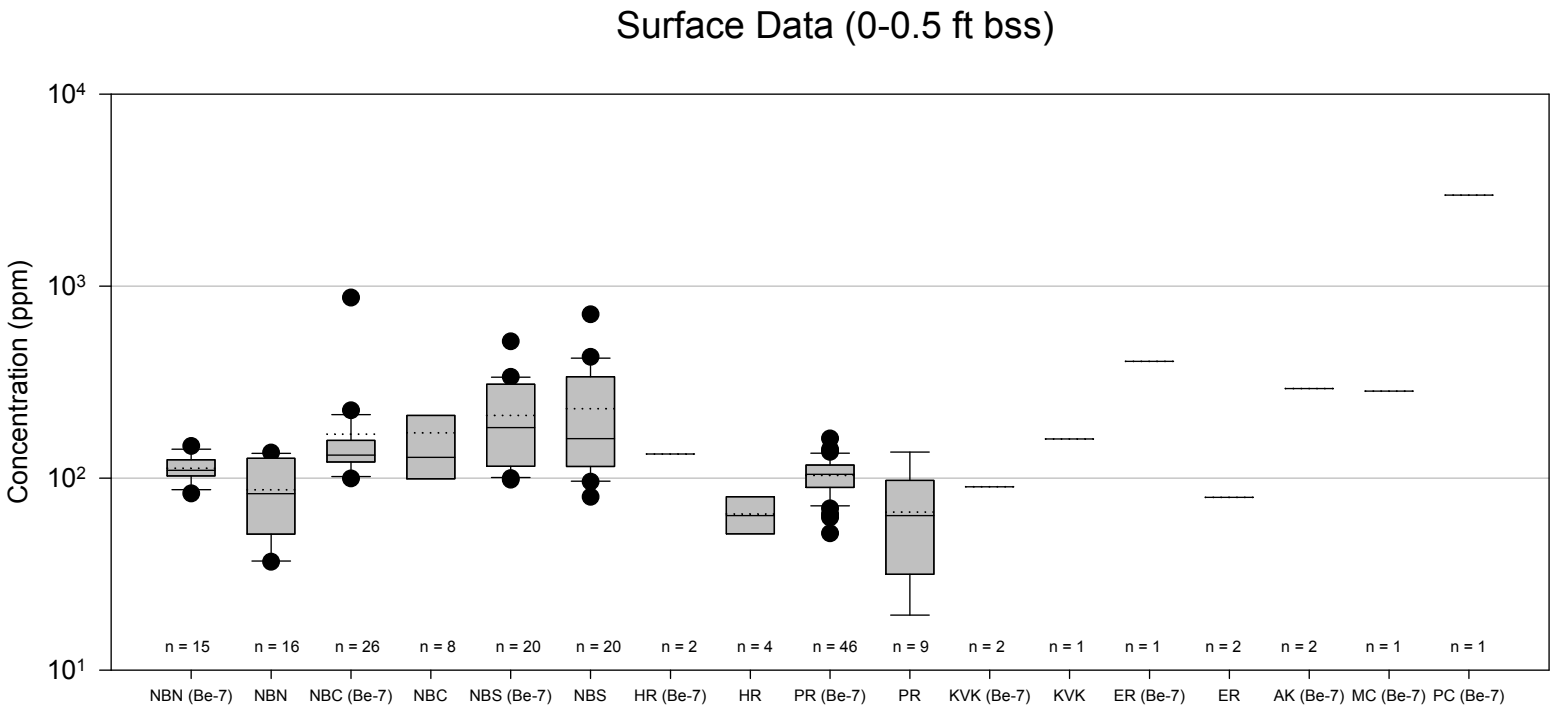


Figure G-39: (Be-7) Barium



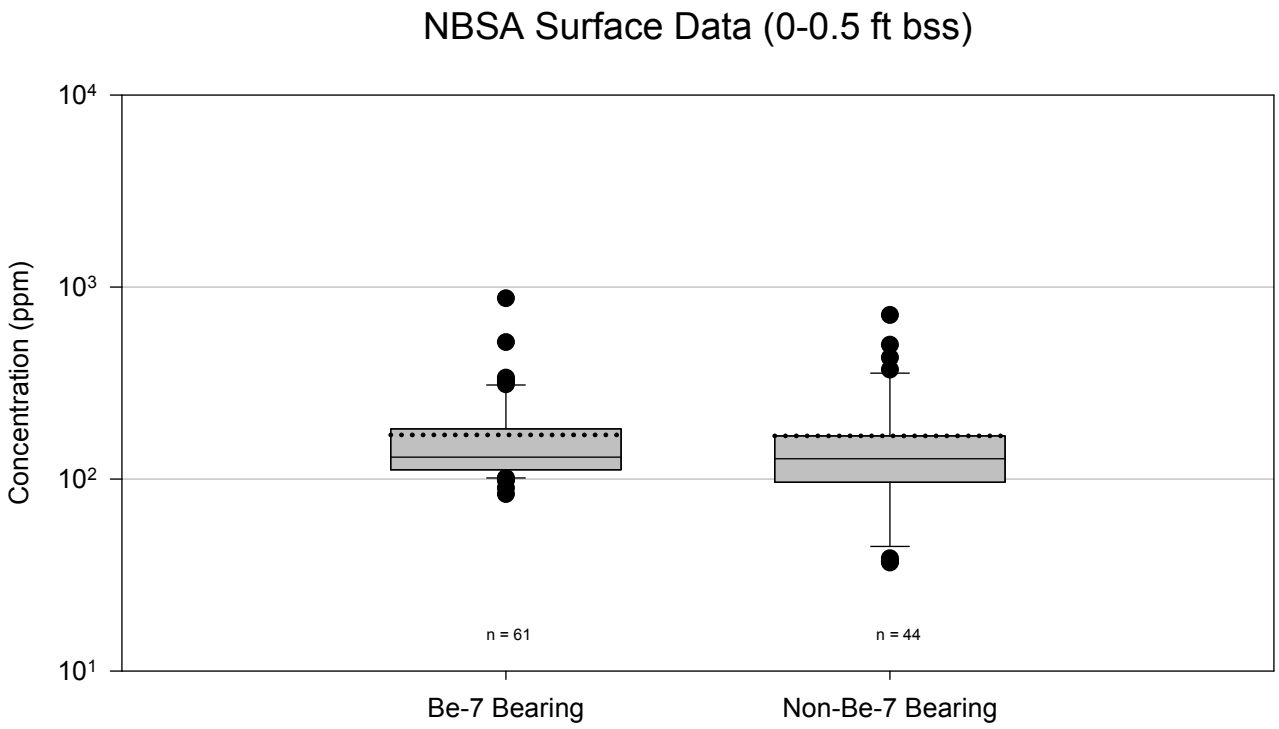
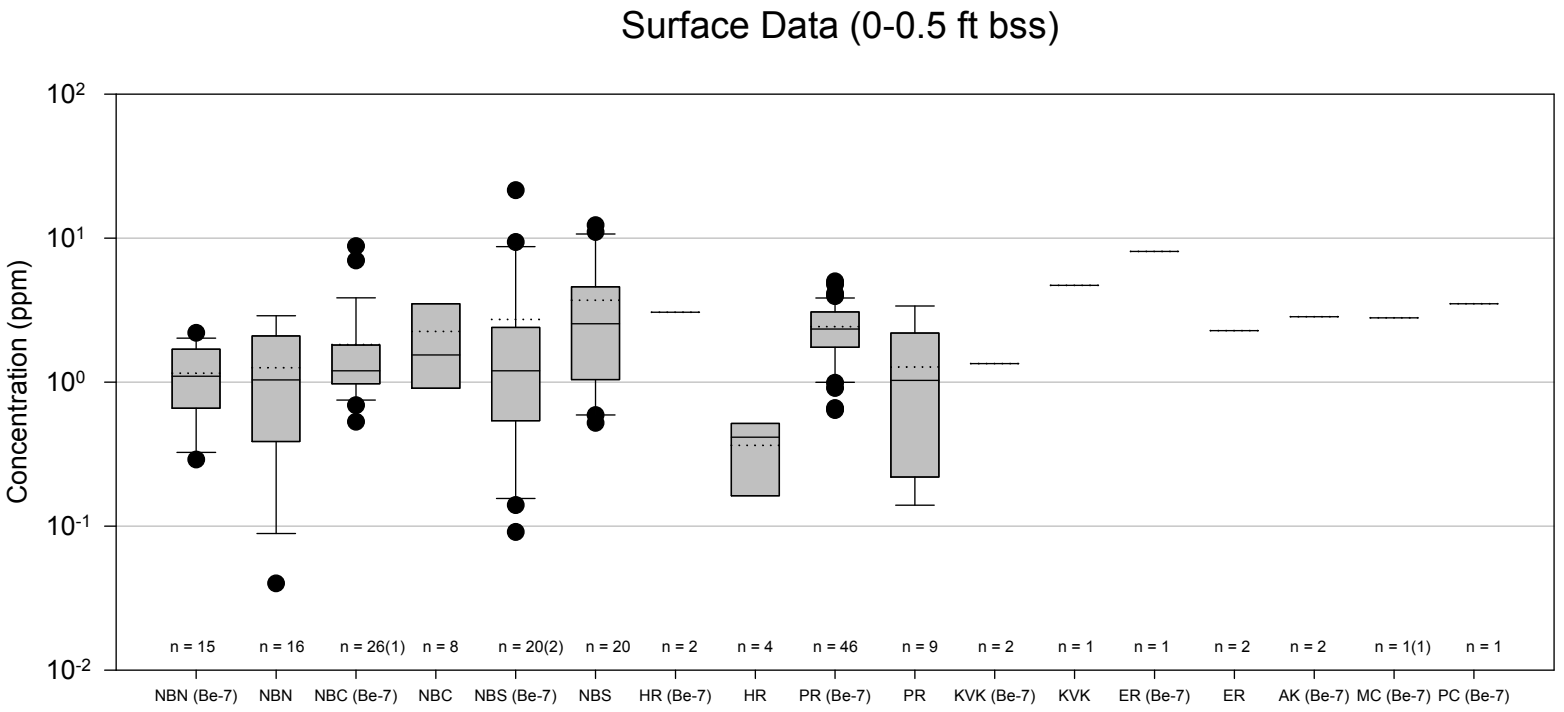


Figure G-40: (Be-7) Cadmium



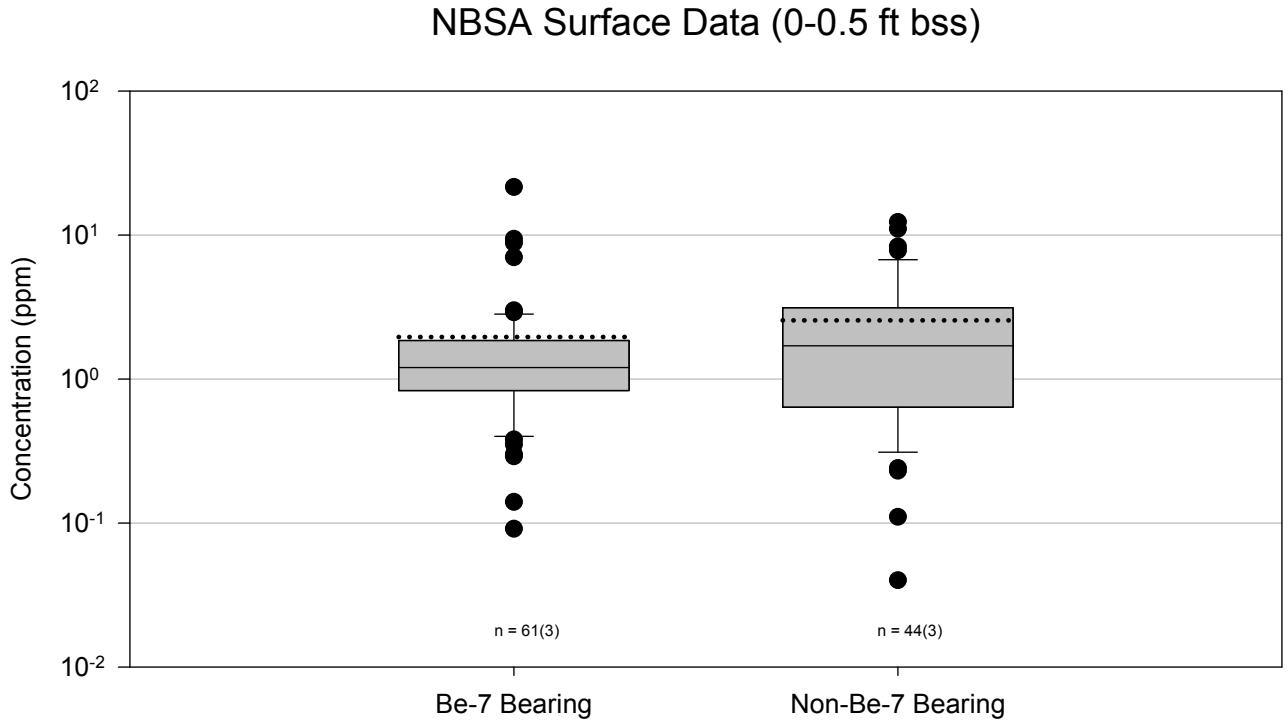
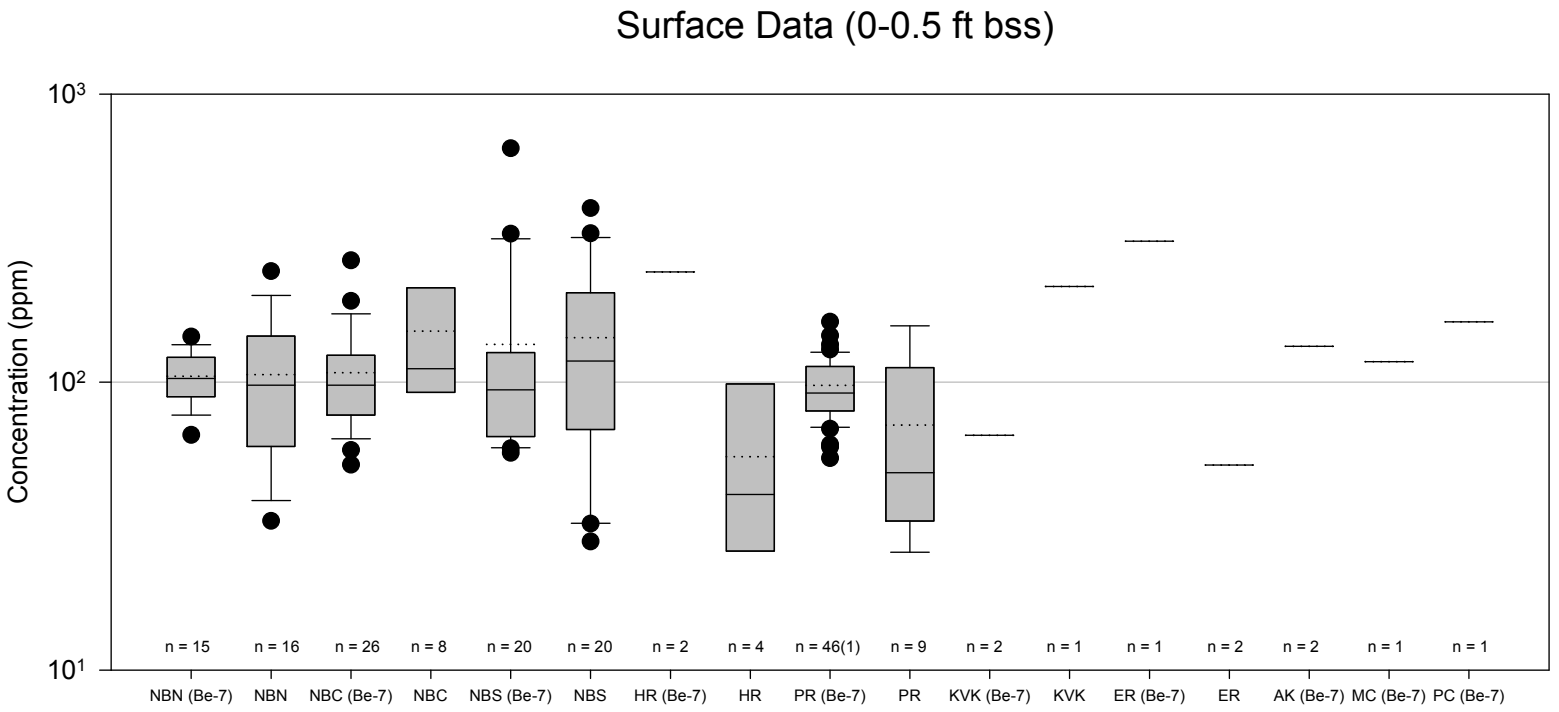


Figure G-41: (Be-7) Chromium



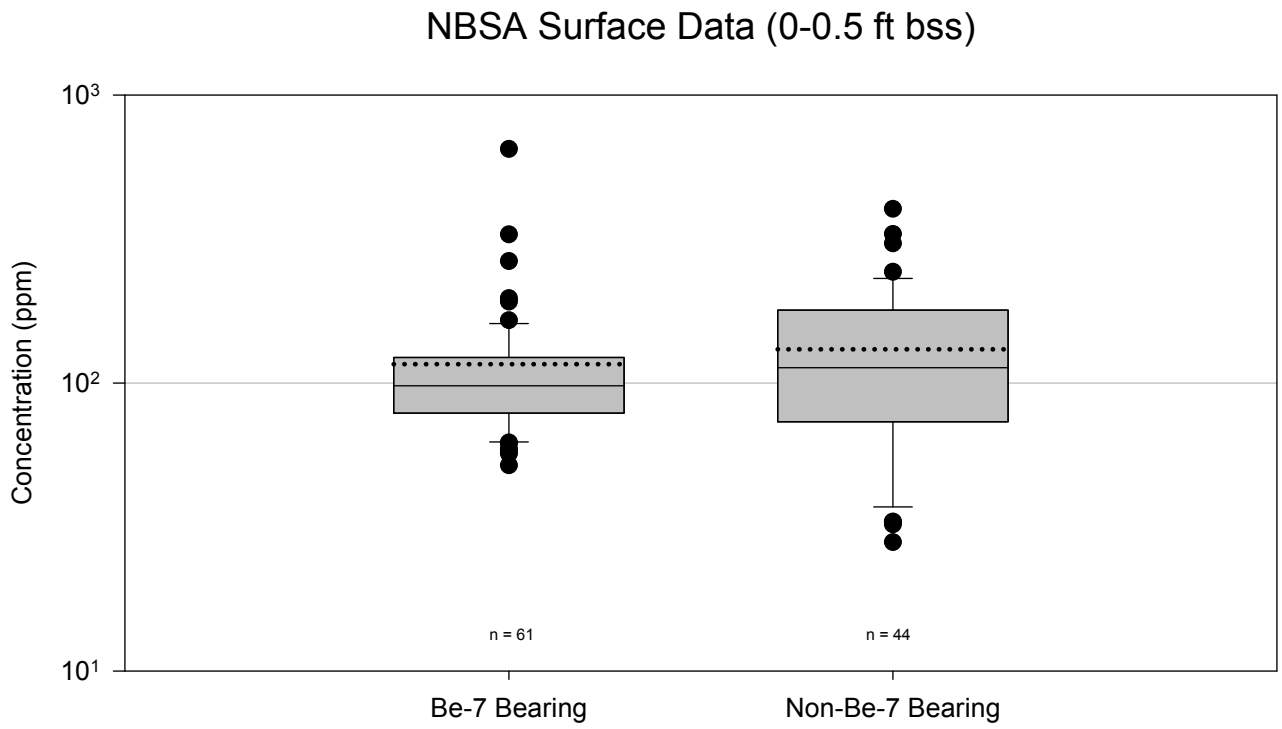
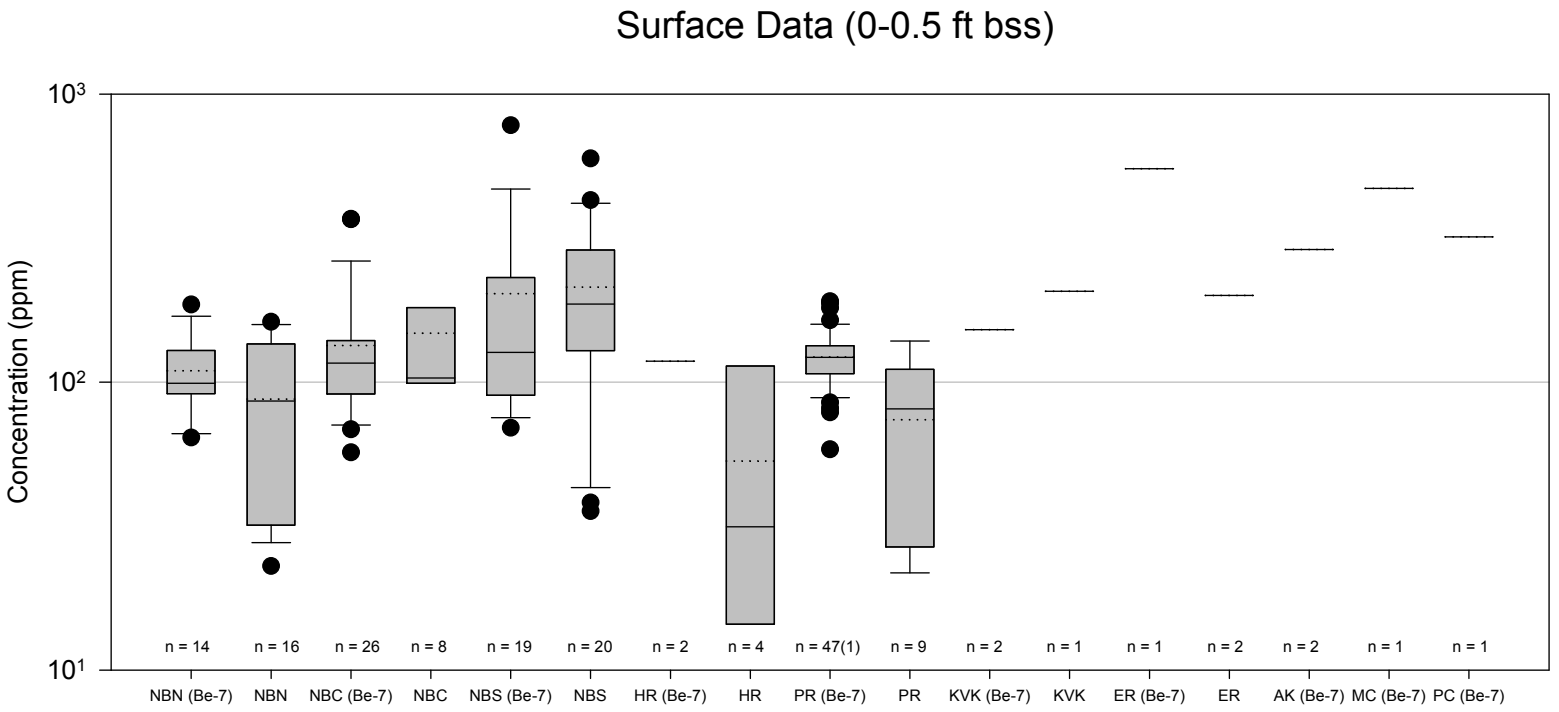


Figure G-42: (Be-7) Copper



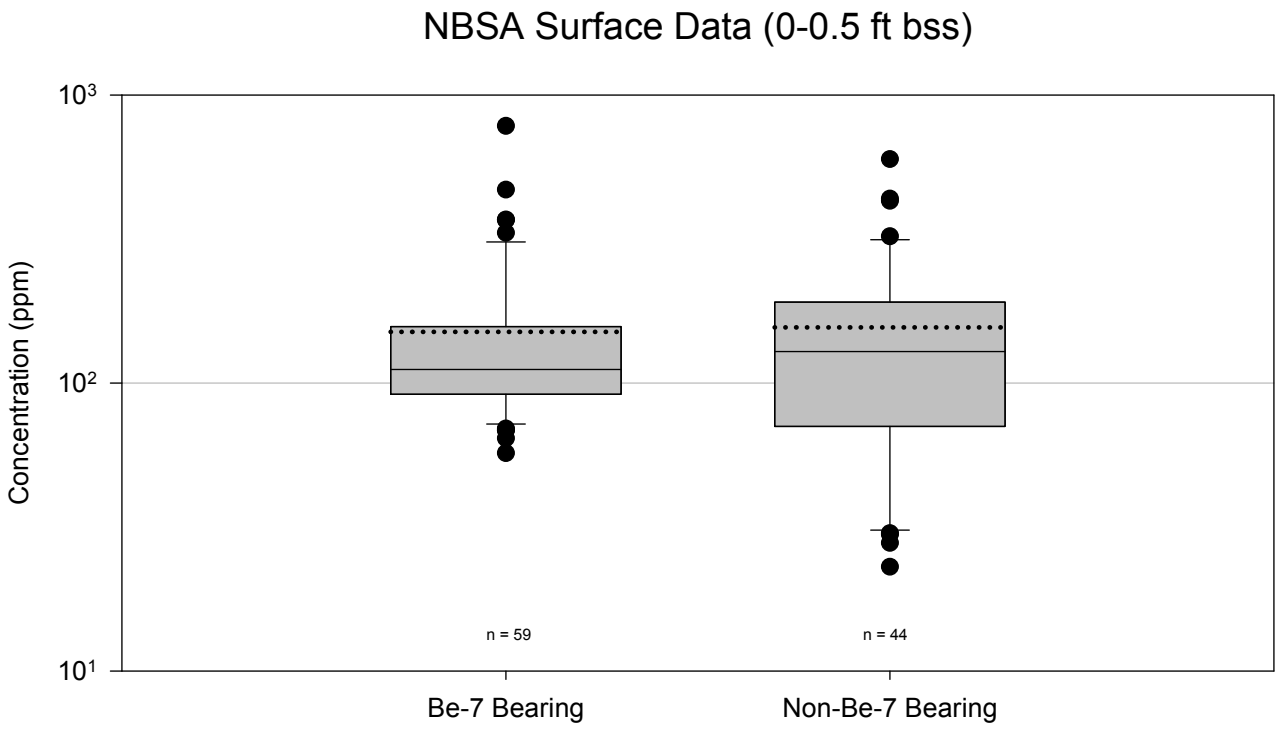
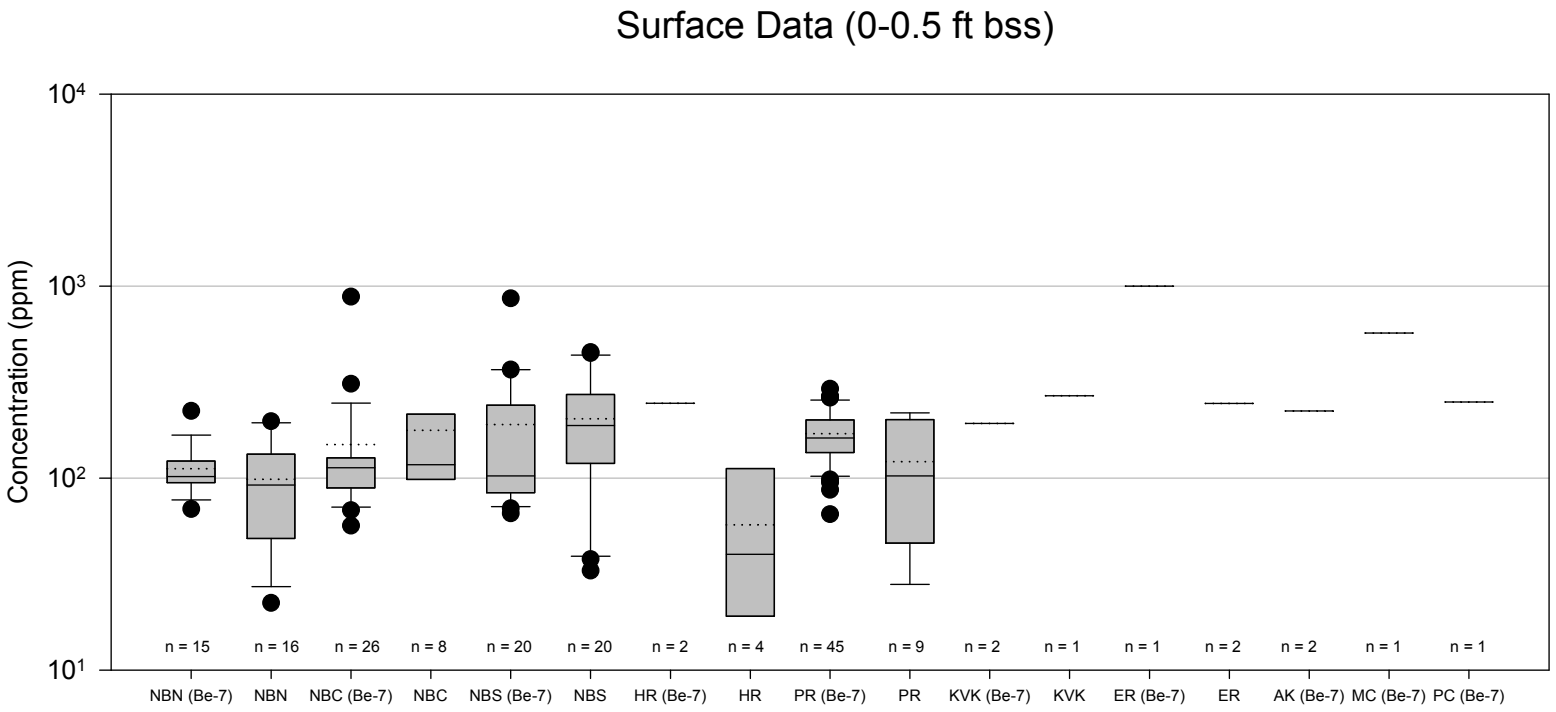


Figure G-43: (Be-7) Lead



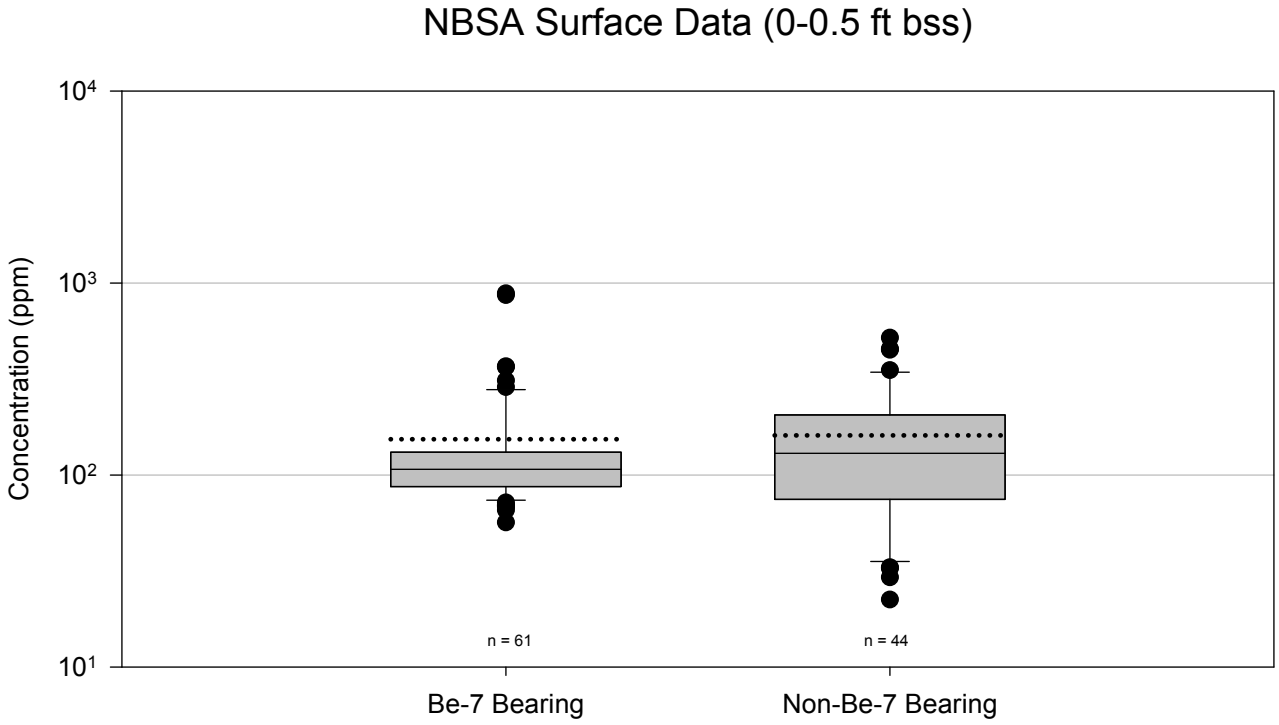
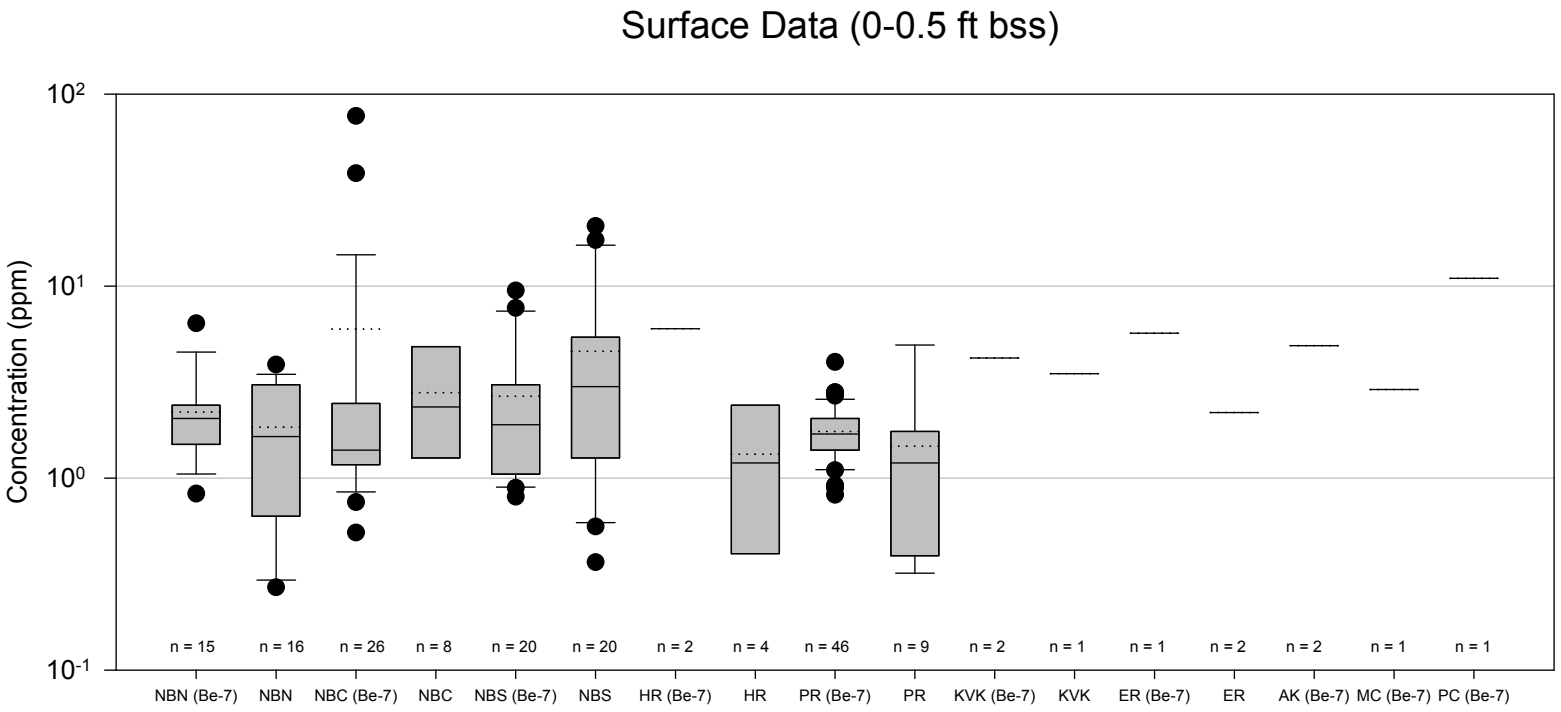


Figure G-44: (Be-7) Mercury



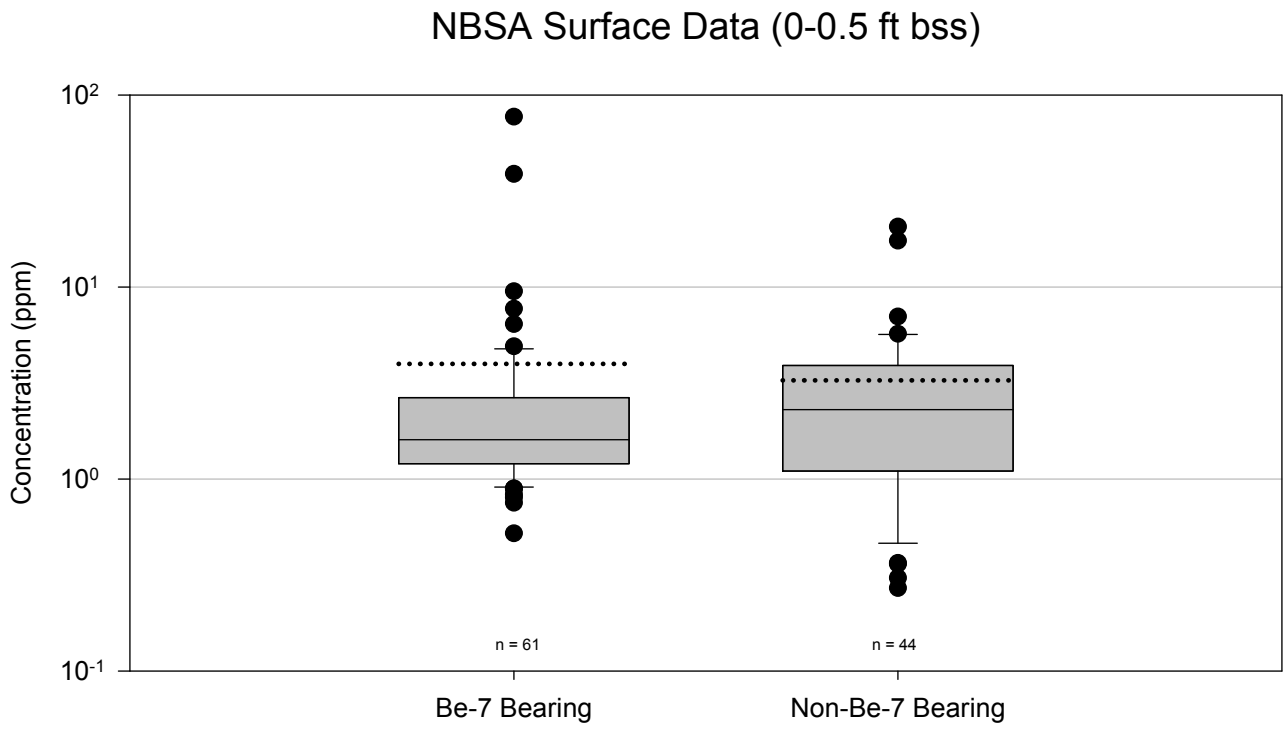
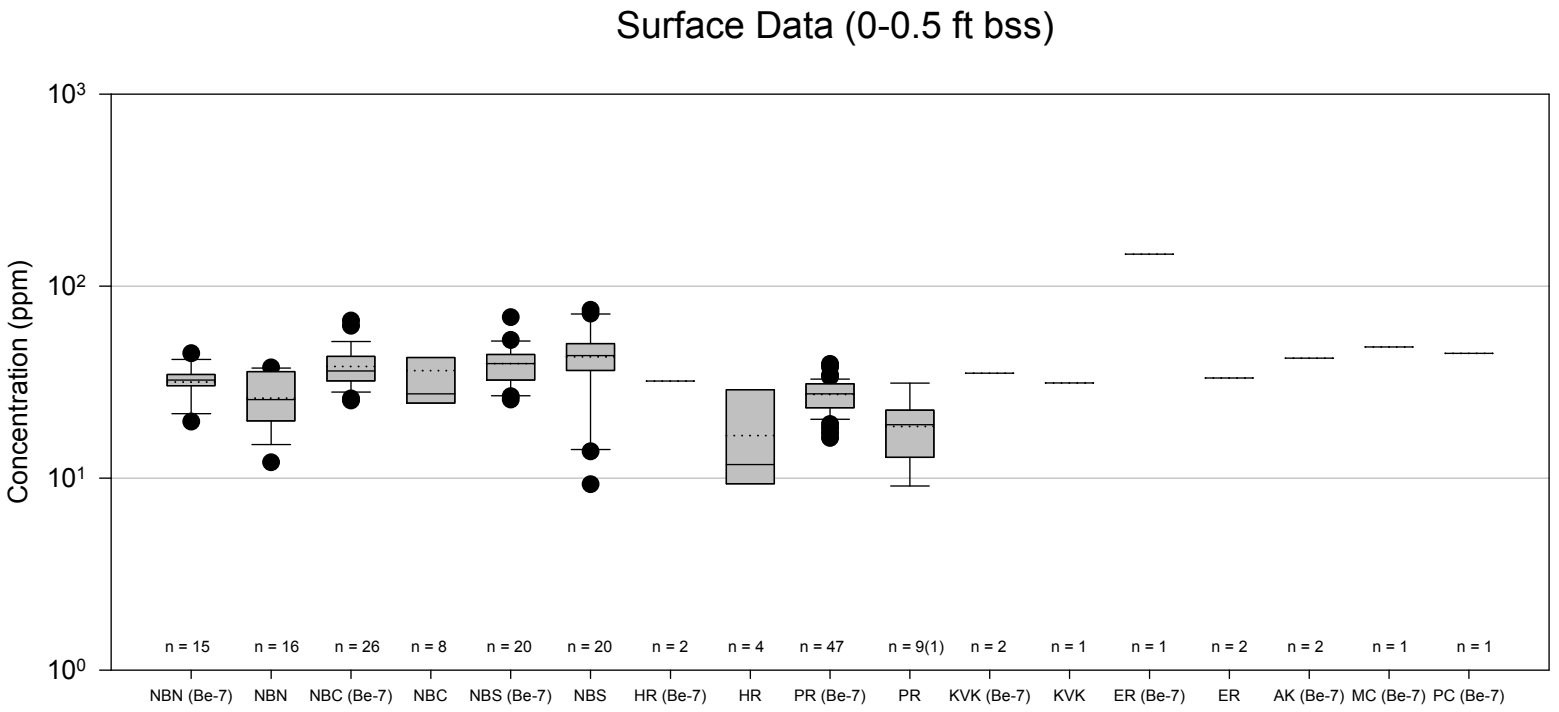


Figure G-45: (Be-7) Nickel



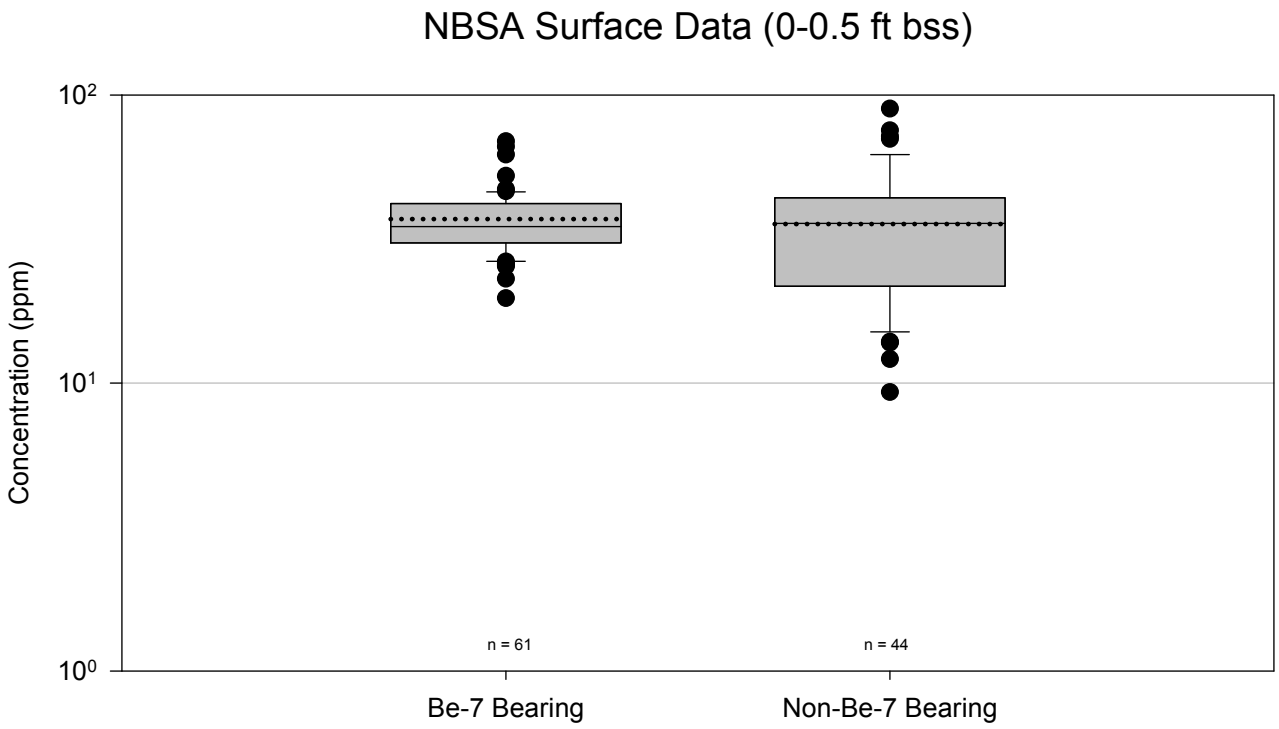
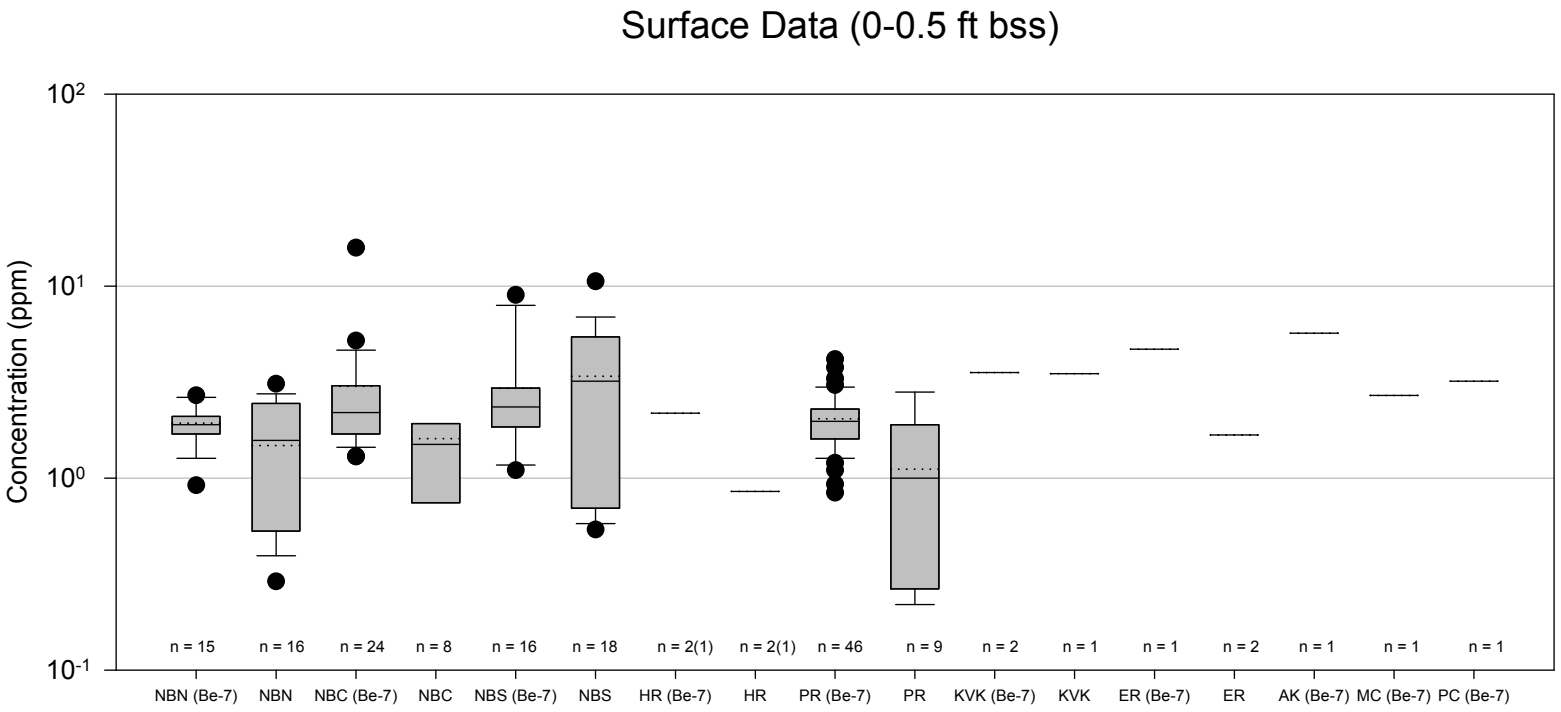


Figure G-46: (Be-7) Silver



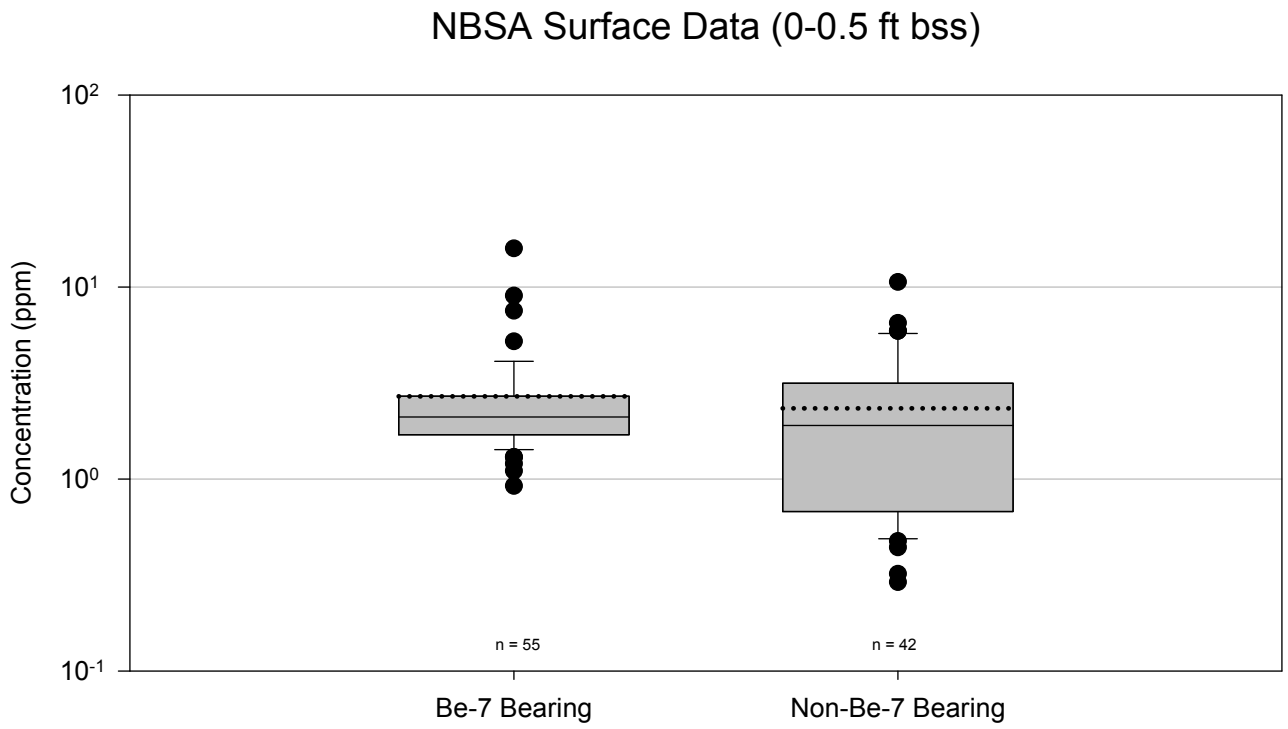
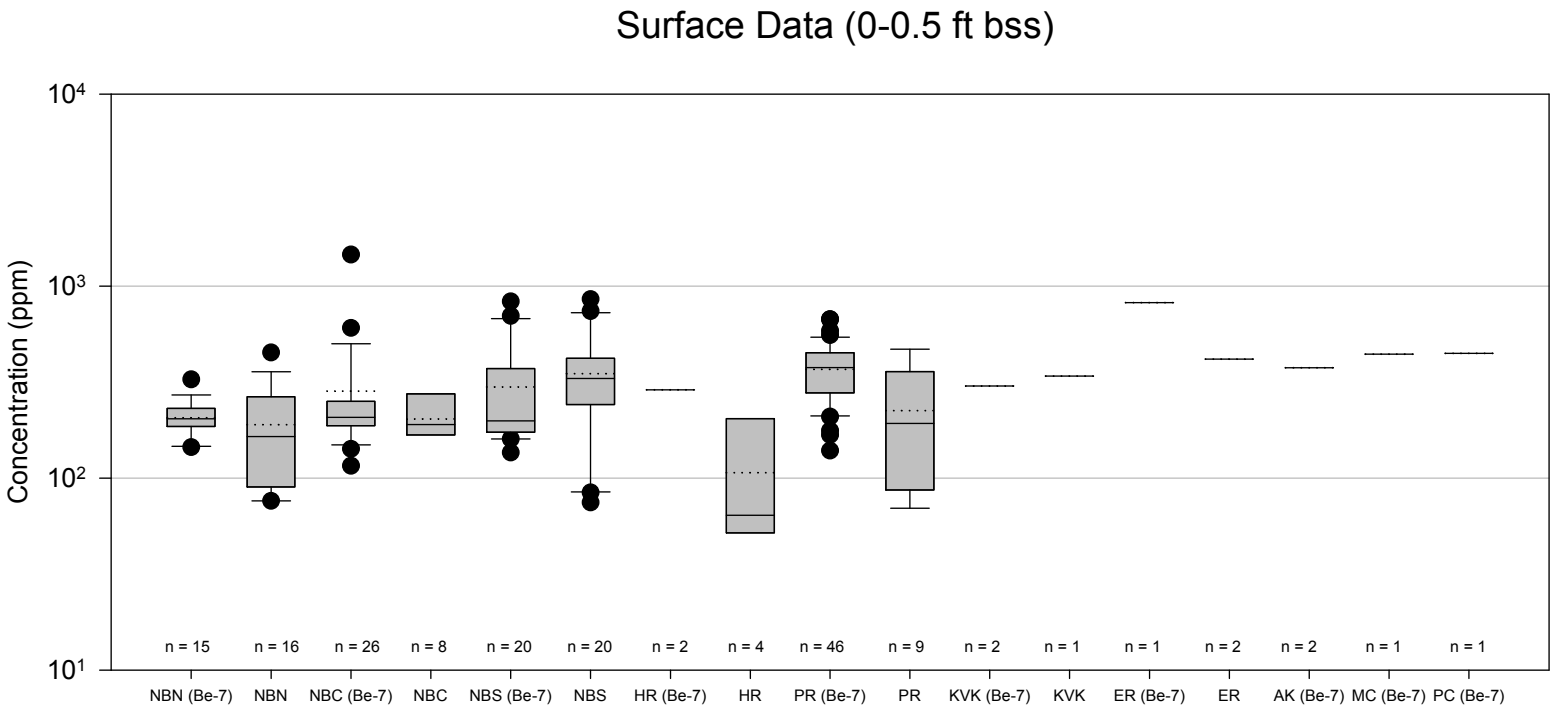


Figure G-47: (Be-7) Zinc



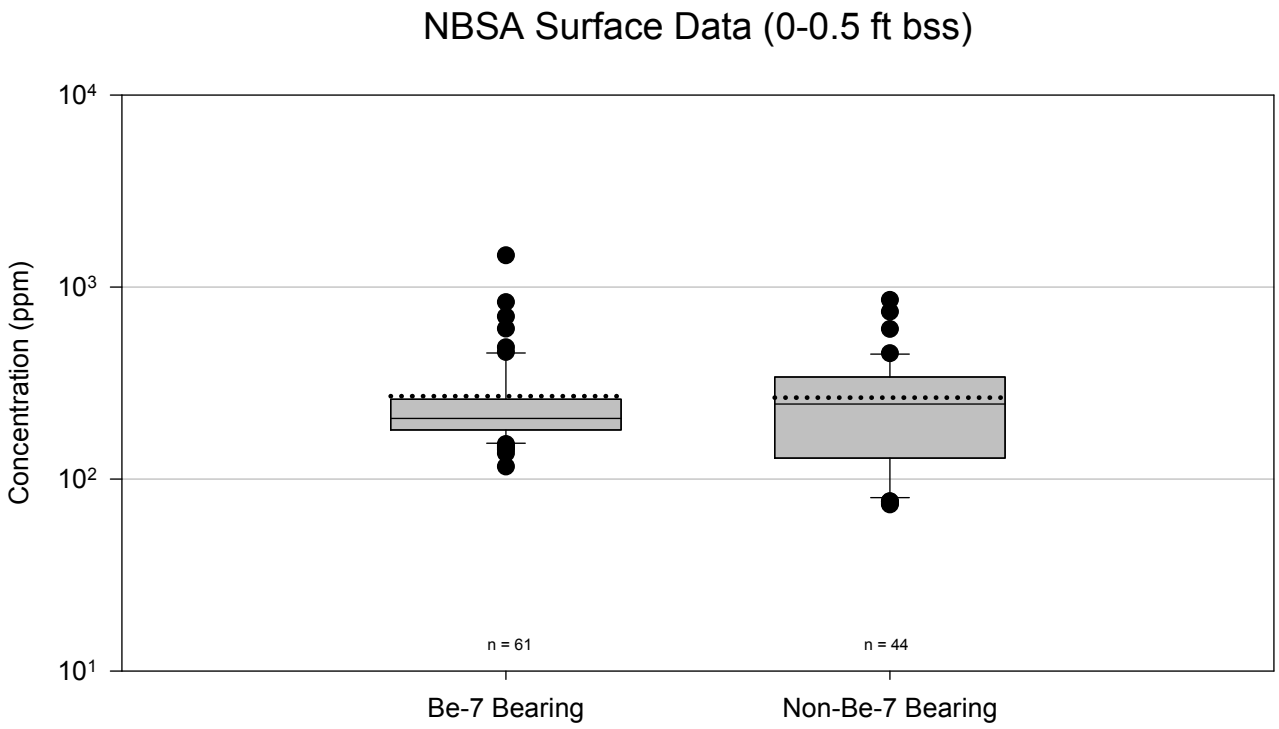
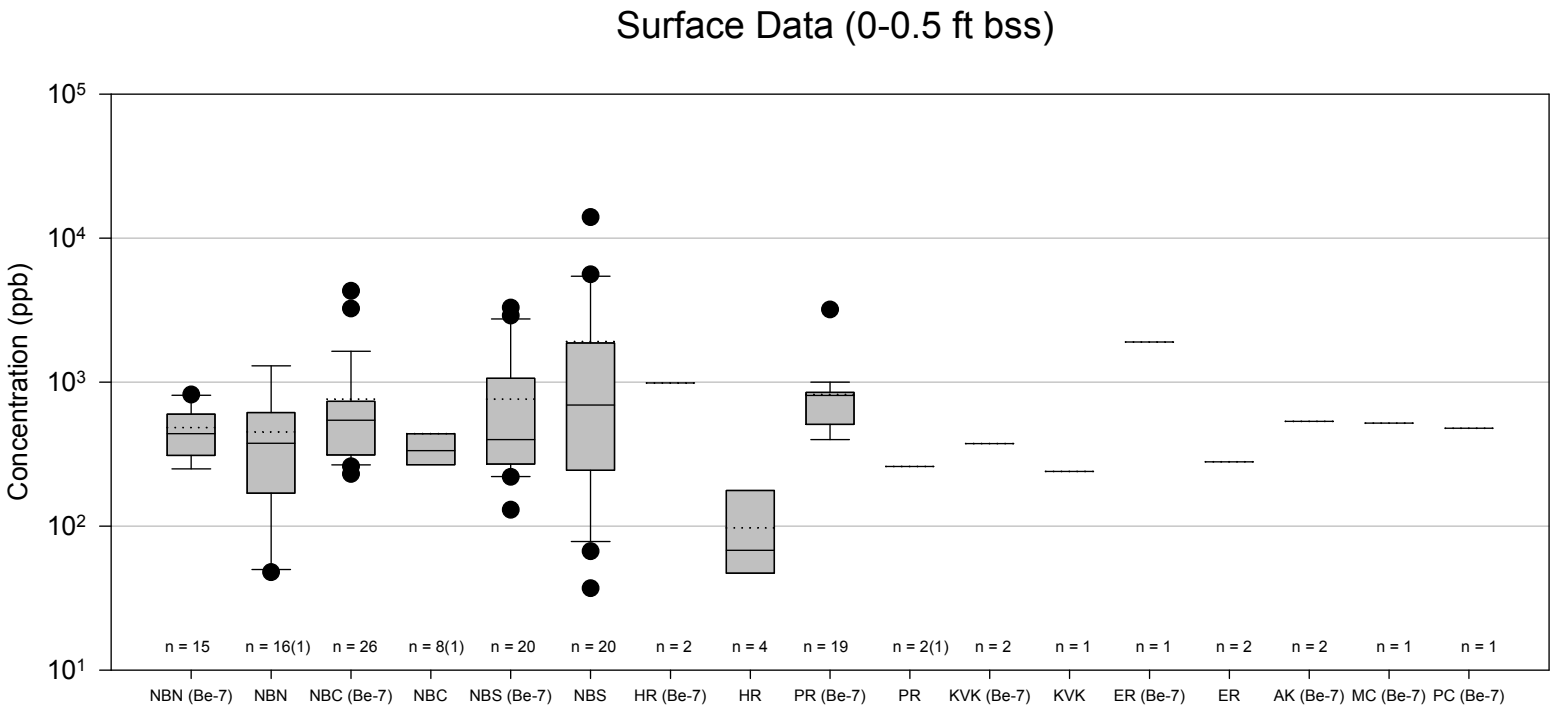


Figure G-48: (Be-7) Total Aroclor PCBs



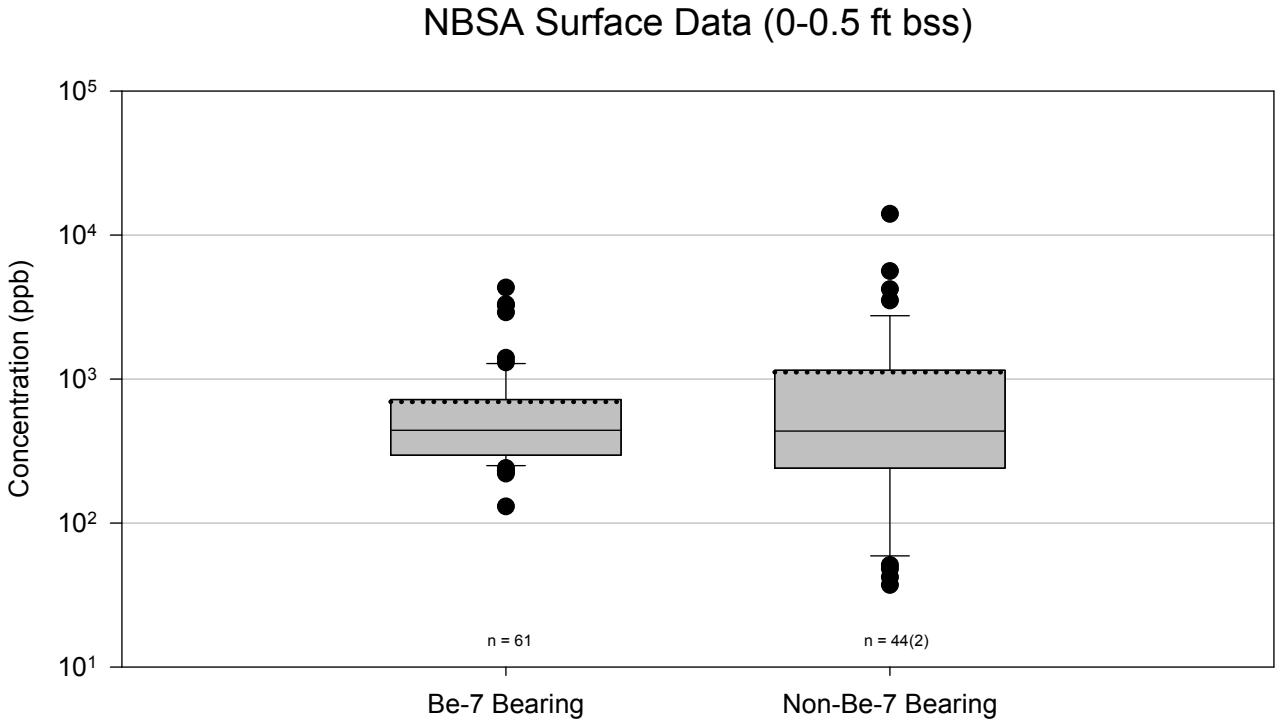
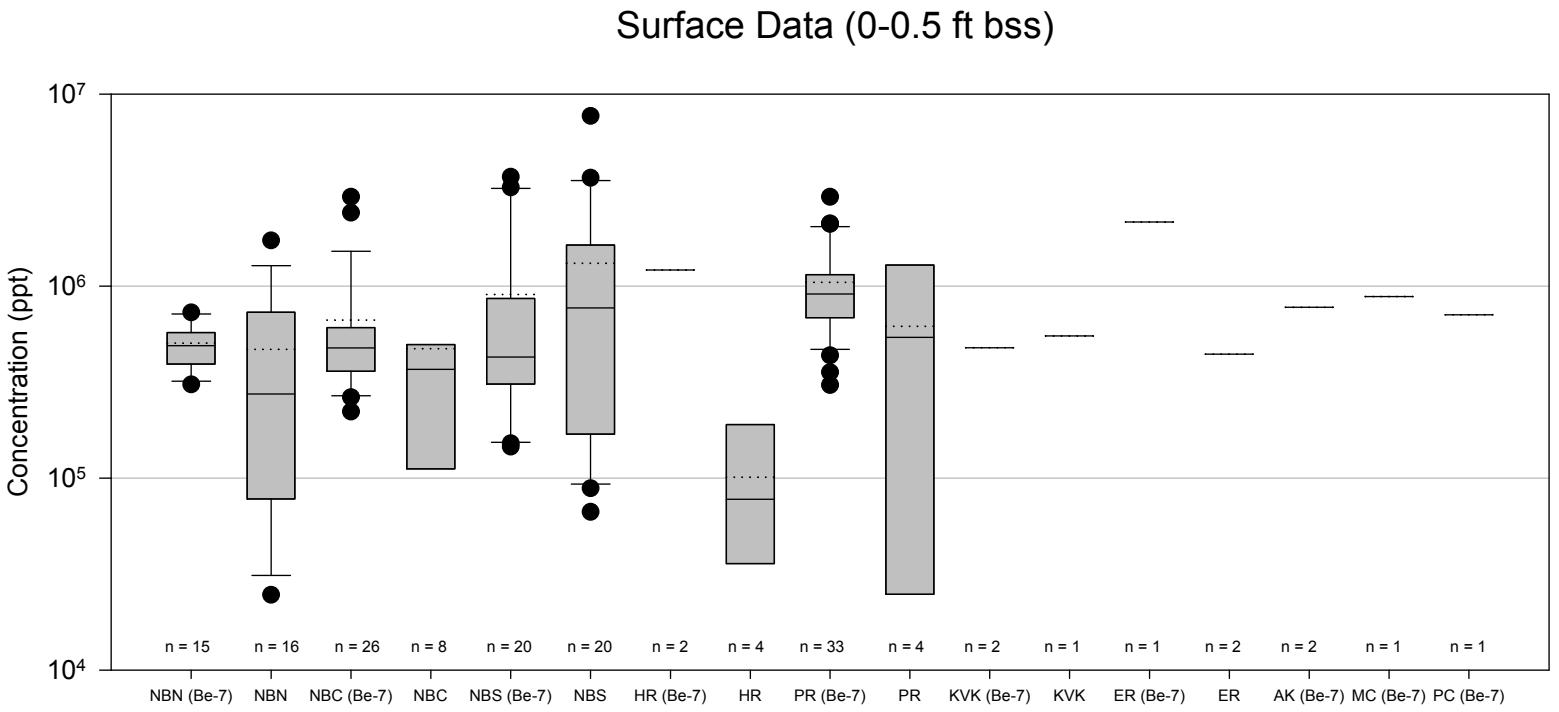


Figure G-49: (Be-7) Total PCB Congeners



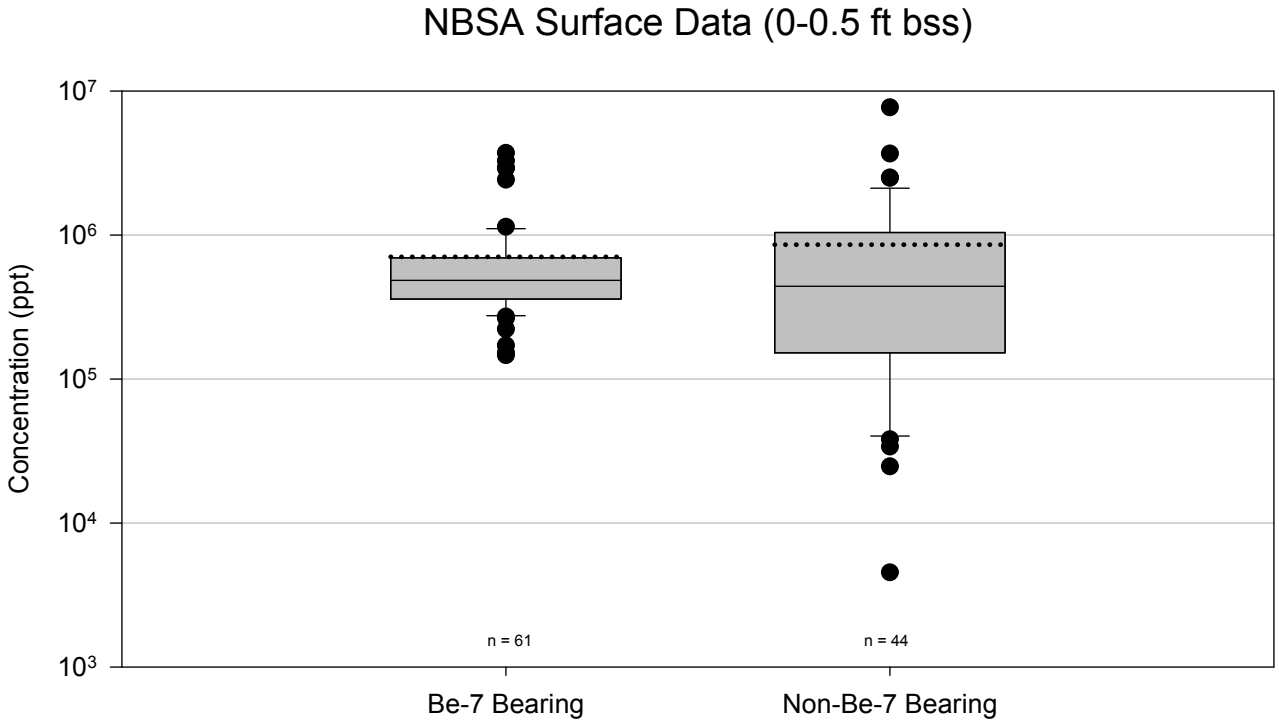
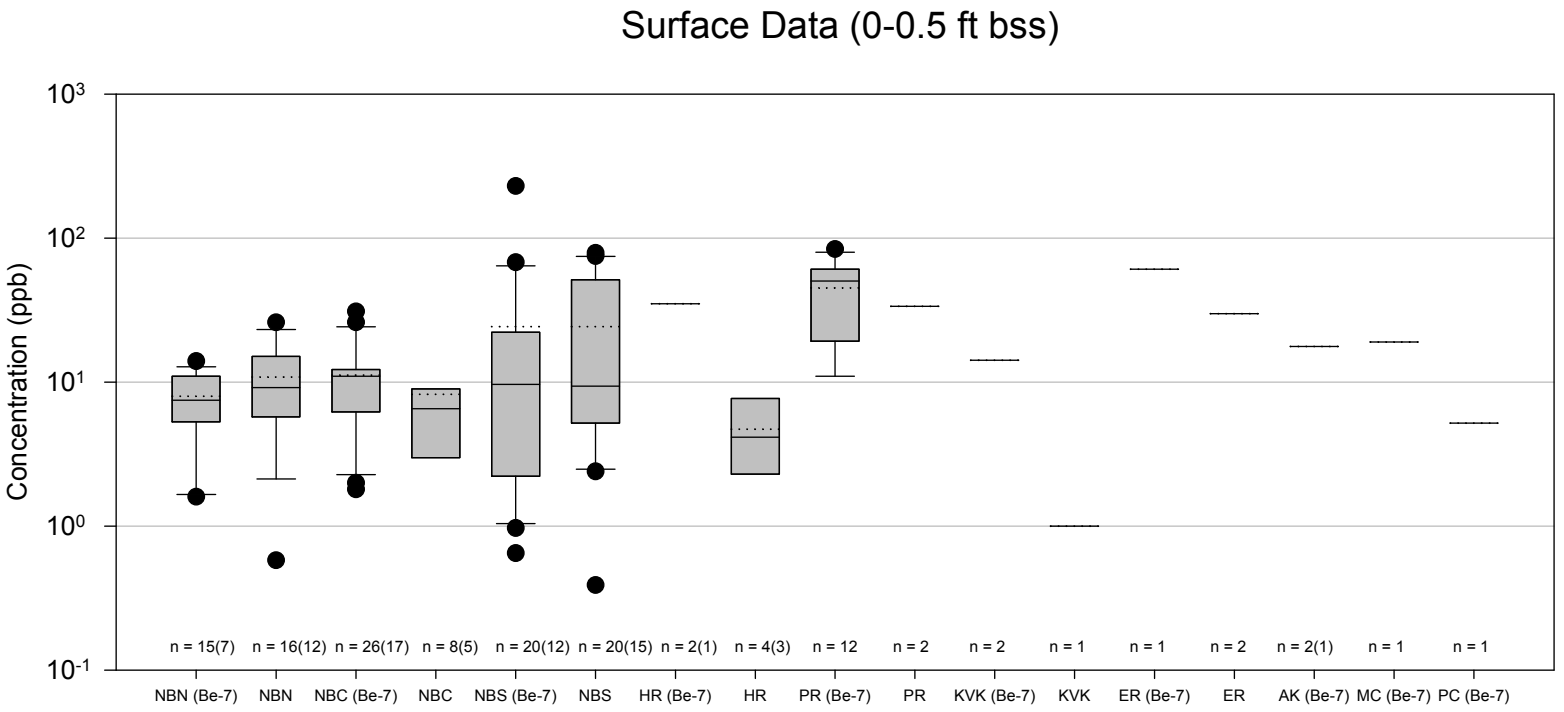


Figure G-50: (Be-7) Total Alpha + Gamma Chlordane



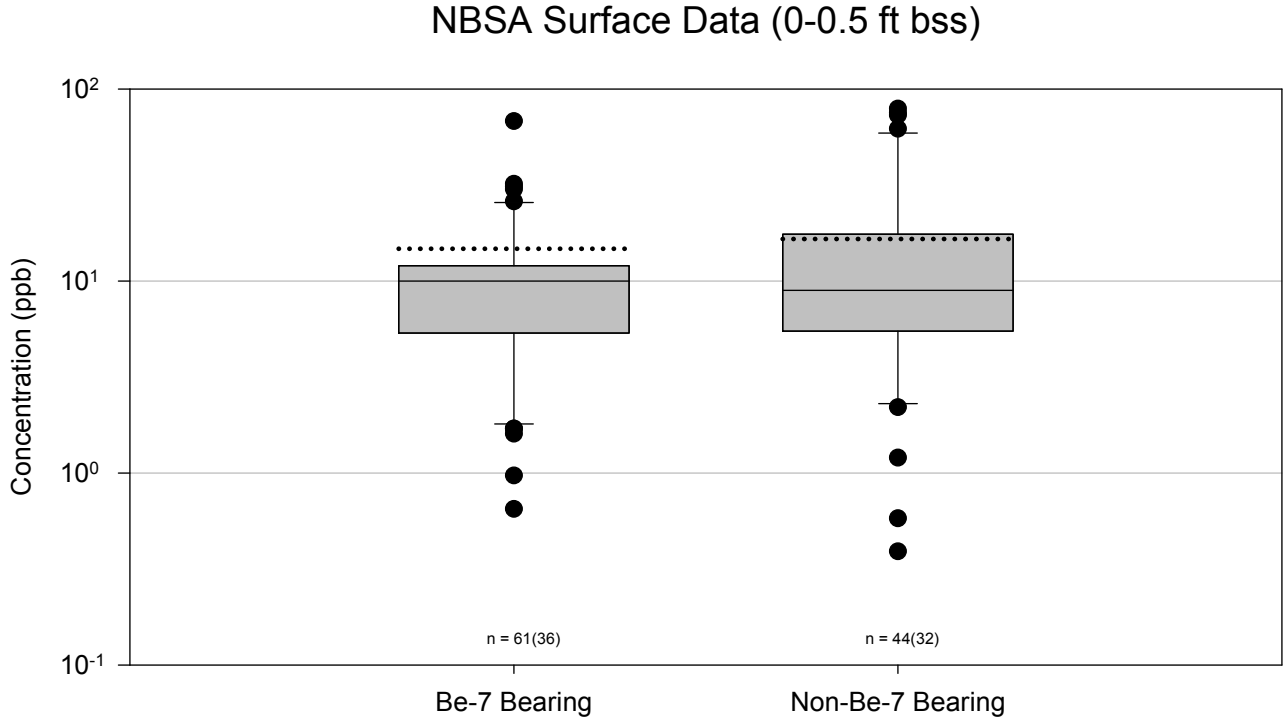
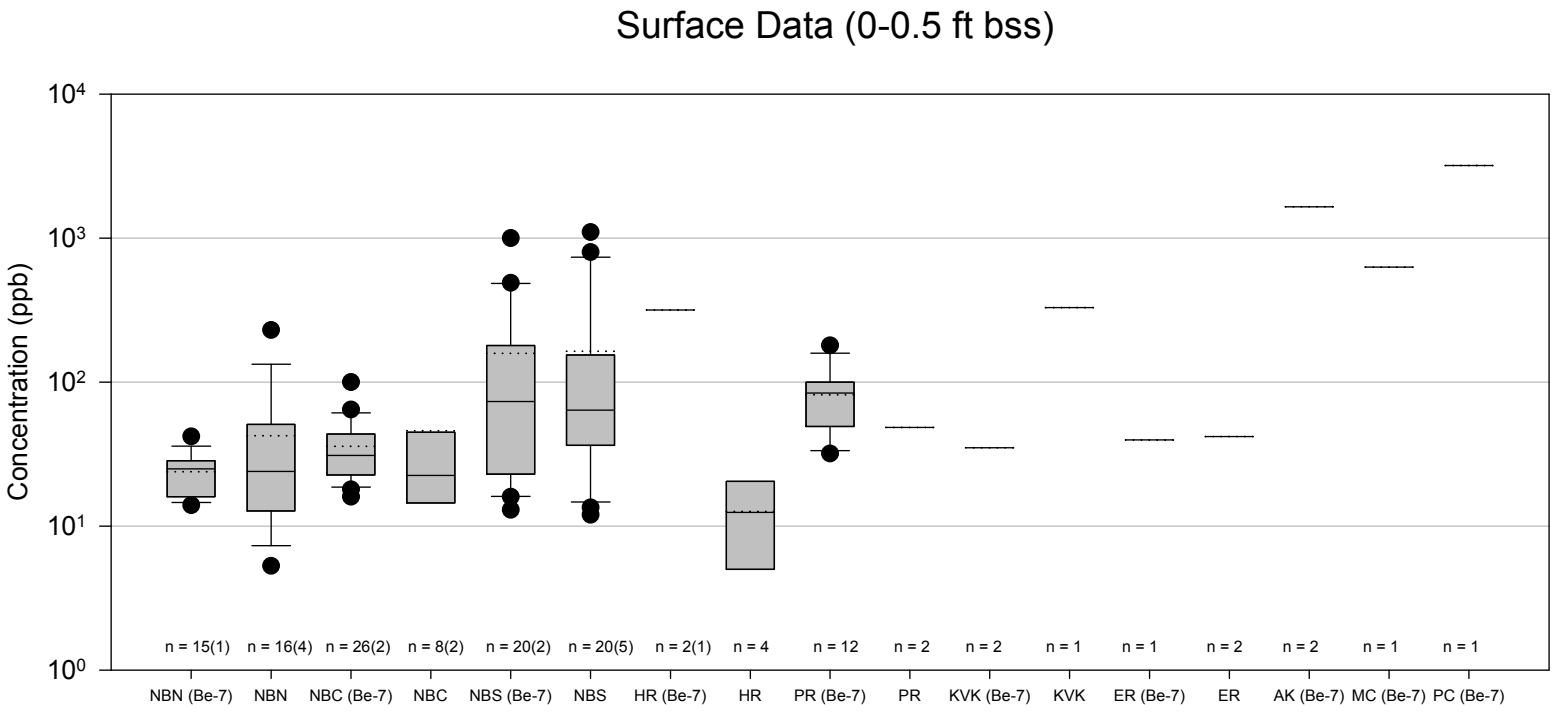


Figure G-51: (Be-7) Total DDT (4,4)



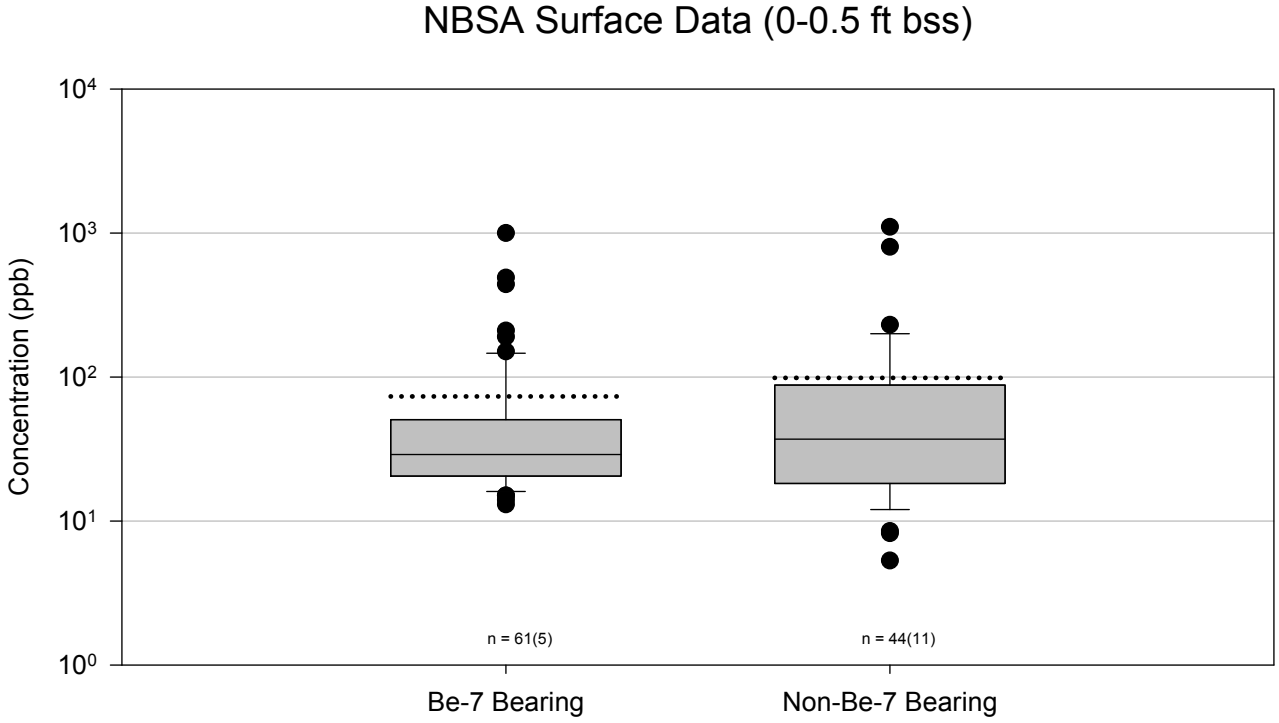
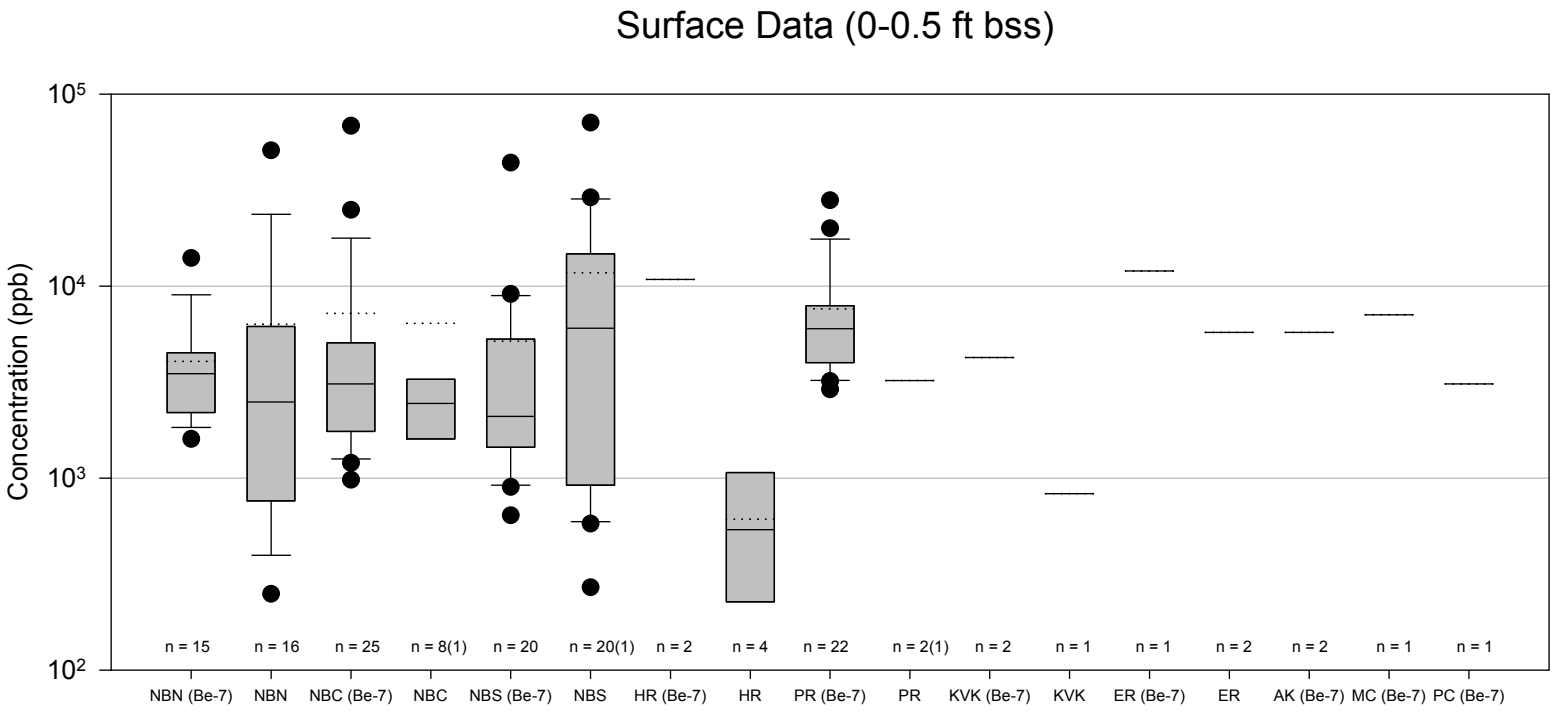


Figure G-52: (Be-7) BEHP



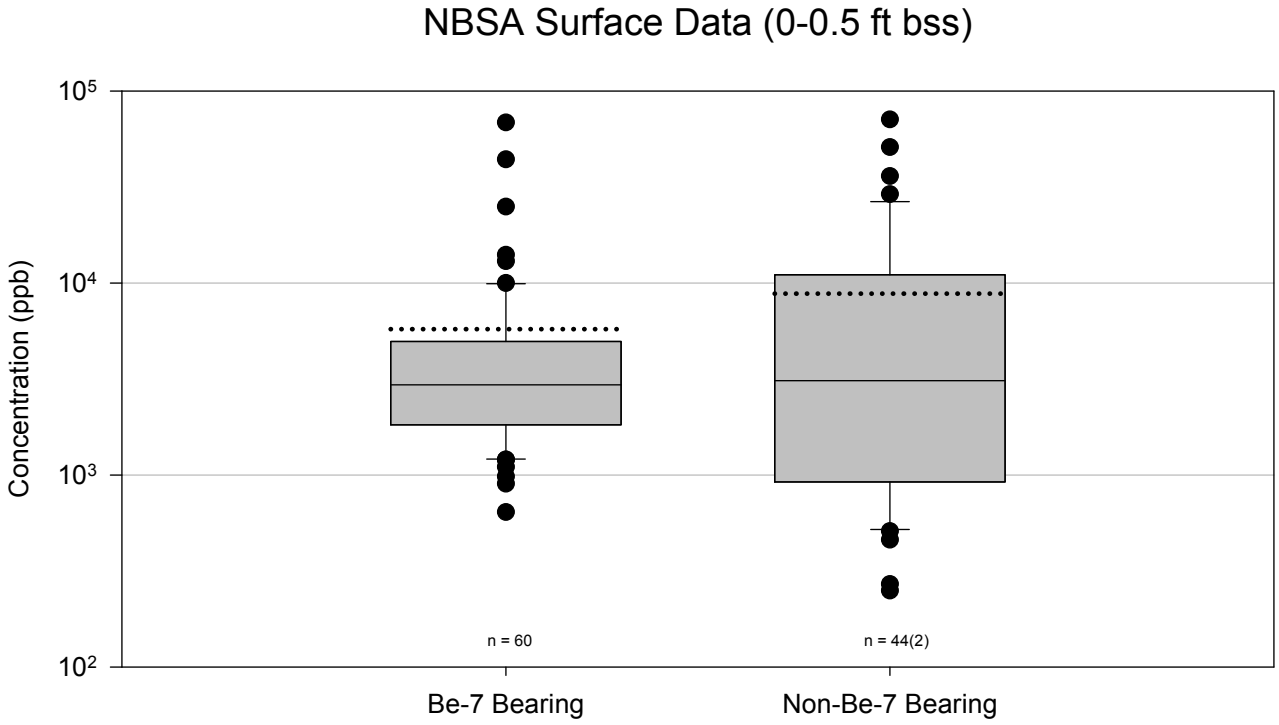
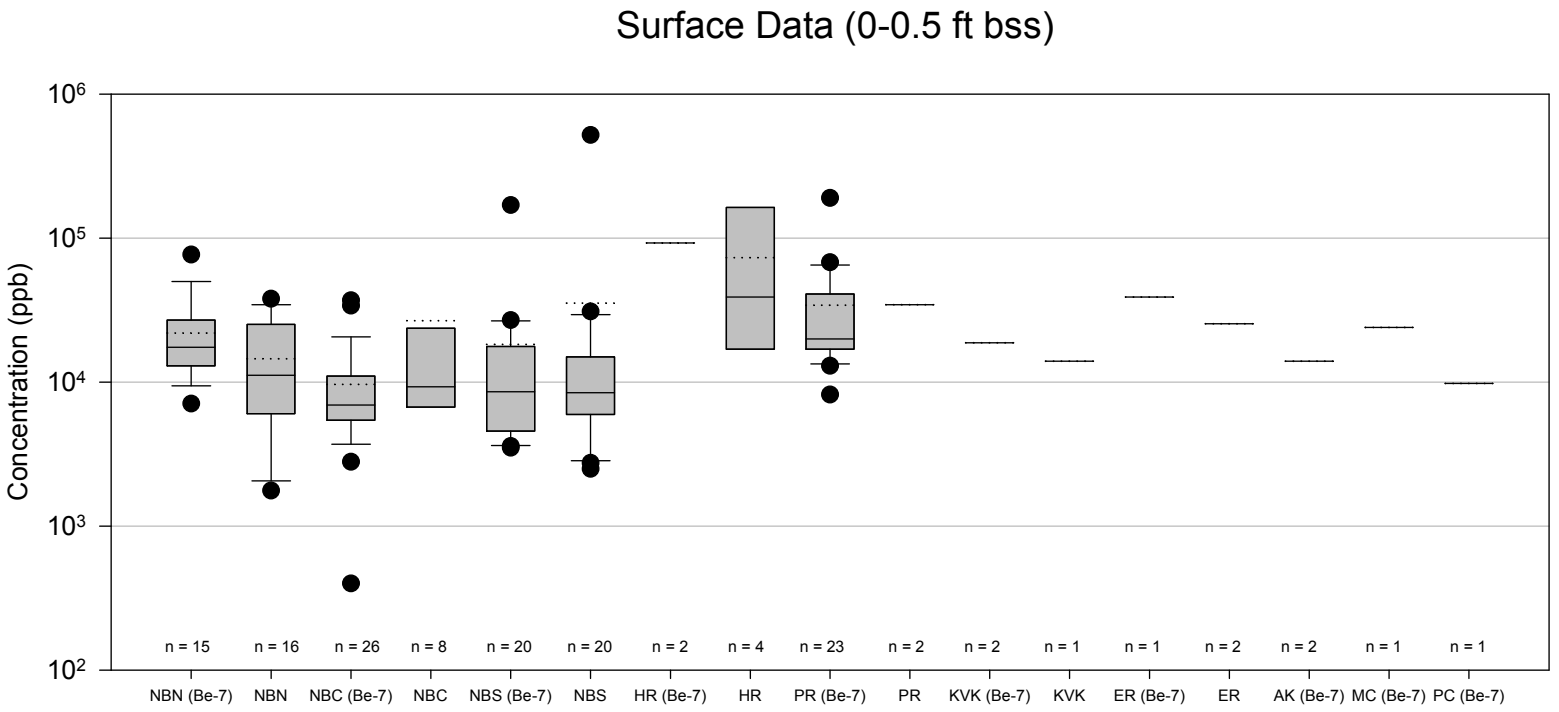


Figure G-53: (Be-7) Total PAHs



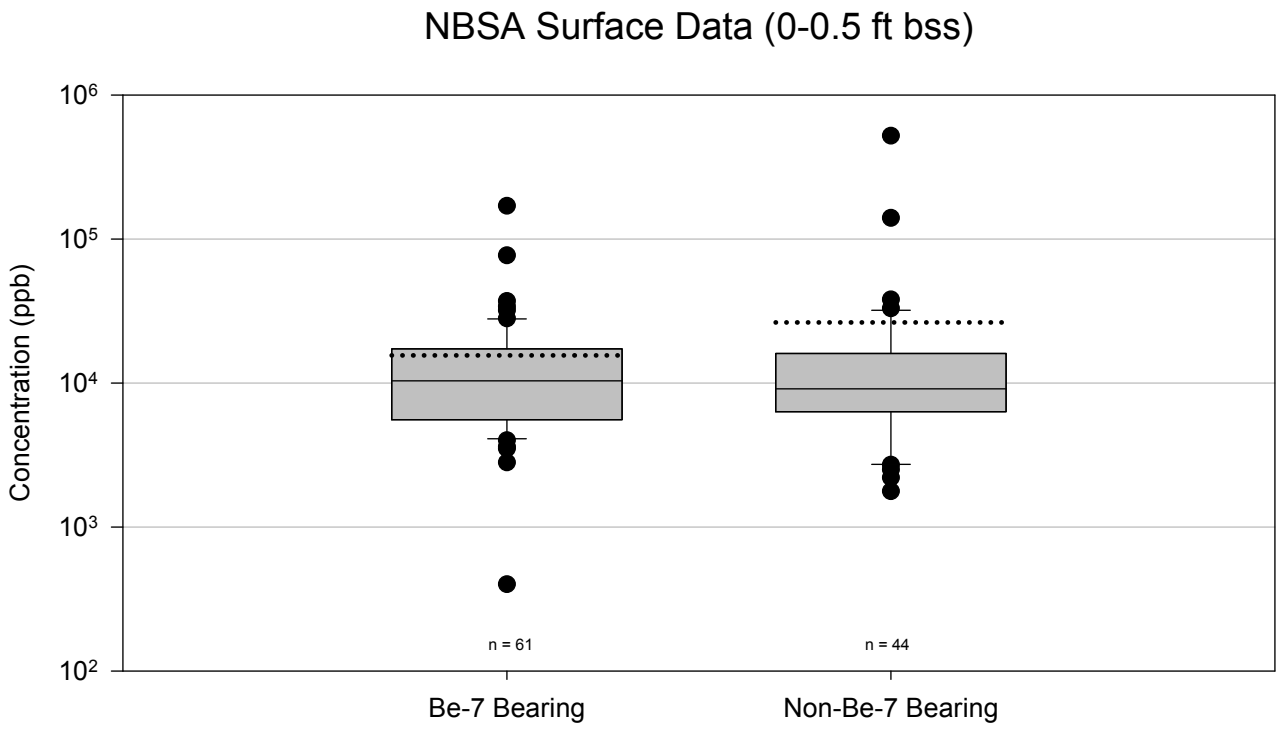
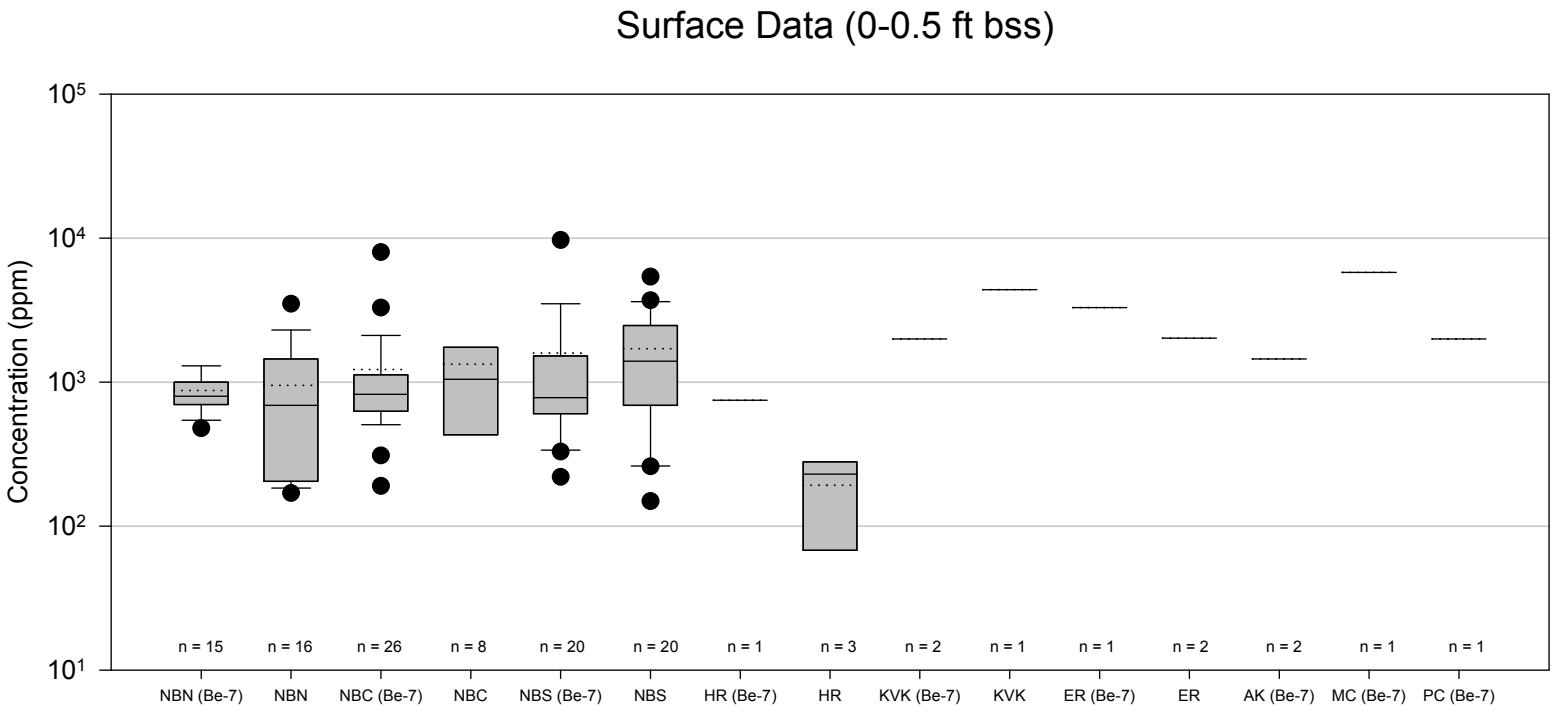
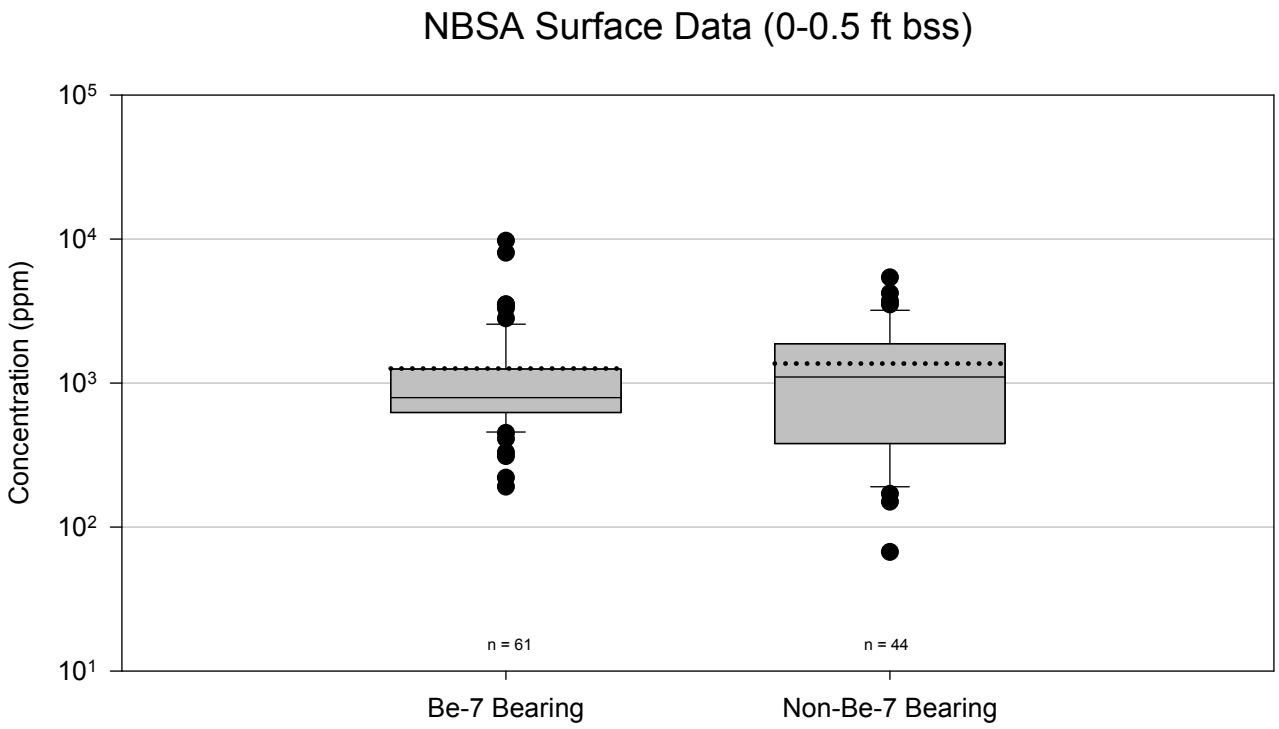


Figure G-54: (Be-7) TPH





Appendix H

Bay Mile Plots

H-1a-c	2,3,7,8-TCDD
H-2a-c	Arsenic
H-3a-c	Barium
H-4a-c	Cadmium
H-5a-c	Chromium
H-6a-c	Copper
H-7a-c	Lead
H-8a-c	Mercury
H-9a-c	Nickel
H-10a-c	Silver
H-11a-c	Zinc
H-12a-c	Total Aroclor PCBs
H-13a-c	Total Congener PCBs
H-14a-c	Total Alpha + Gamma Chlordane
H-15a-c	Total DDT (4,4')
H-16a-c	BEHP
H-17a-c	Total PAHs
H-18a-c	TPH

a-c represent depths:
a = surface (0 to 0.5 ft bss)
b = mid-depth (0.5 ft to 3.5 ft bss)
c = subsurface (> 3.5 ft bss)

NBSA Geomorphic Area Symbols (Top Graphic)

- Navigation Channel
- Industrial Waterfront
- Port Channel
- Subtidal Flats
- Historically Disturbed Subtidal Flats
- Transitional Slopes
- Intertidal Areas
- Outside of NBSA

Position Relative to Navigation Channel/NBSA Color Definition (Bottom Graphic)

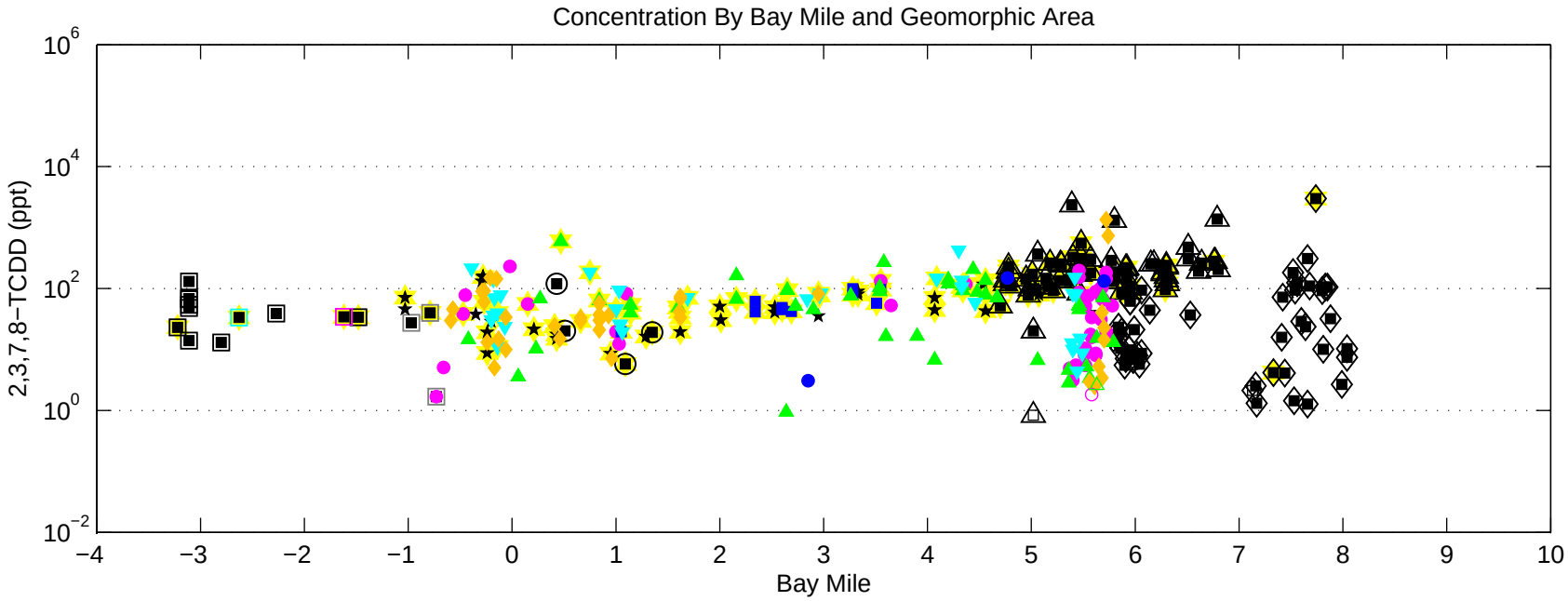
- Navigation Channel
- East of Navigation Channel
- West of Navigation Channel
- Outside NBSA

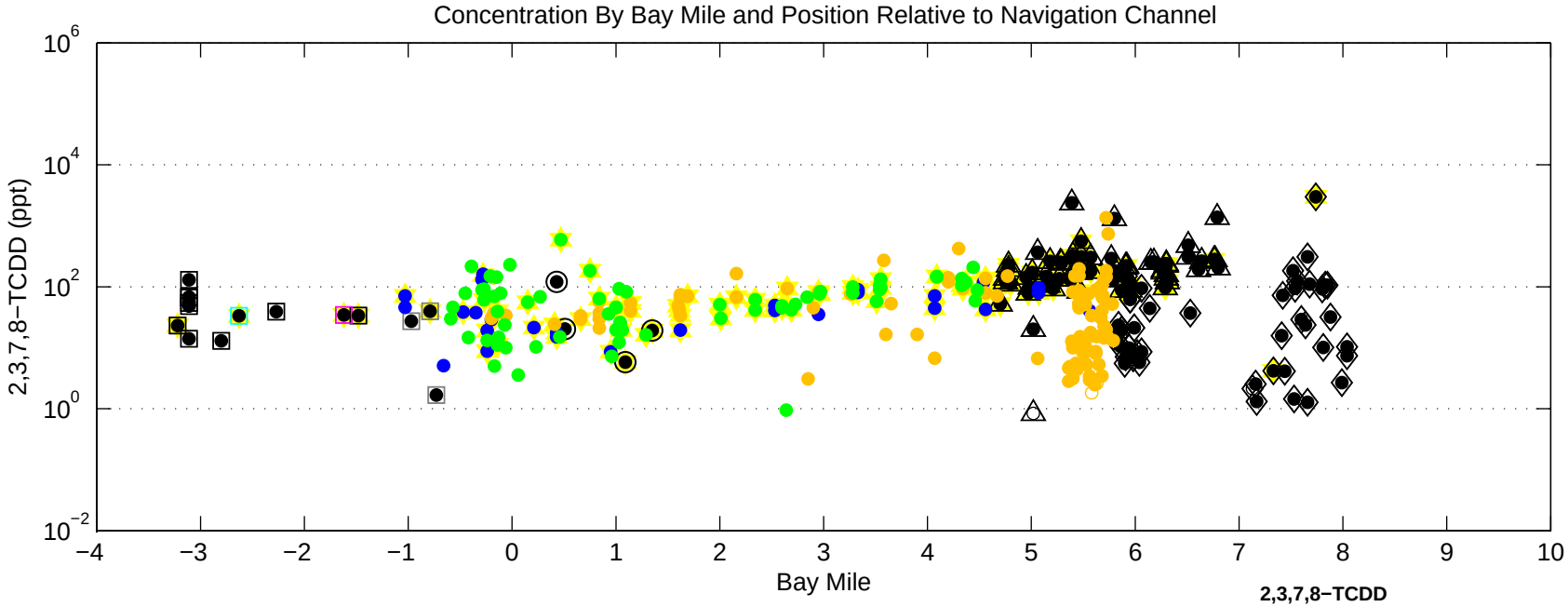
Outline Symbols (Top and Bottom Graphics)

- Arthur Kill
- Elizabeth River
- Morses Creek
- Piles Creek
- Kill Van Kull
- Hackensack River
- Passaic River
- Recently deposited sediment

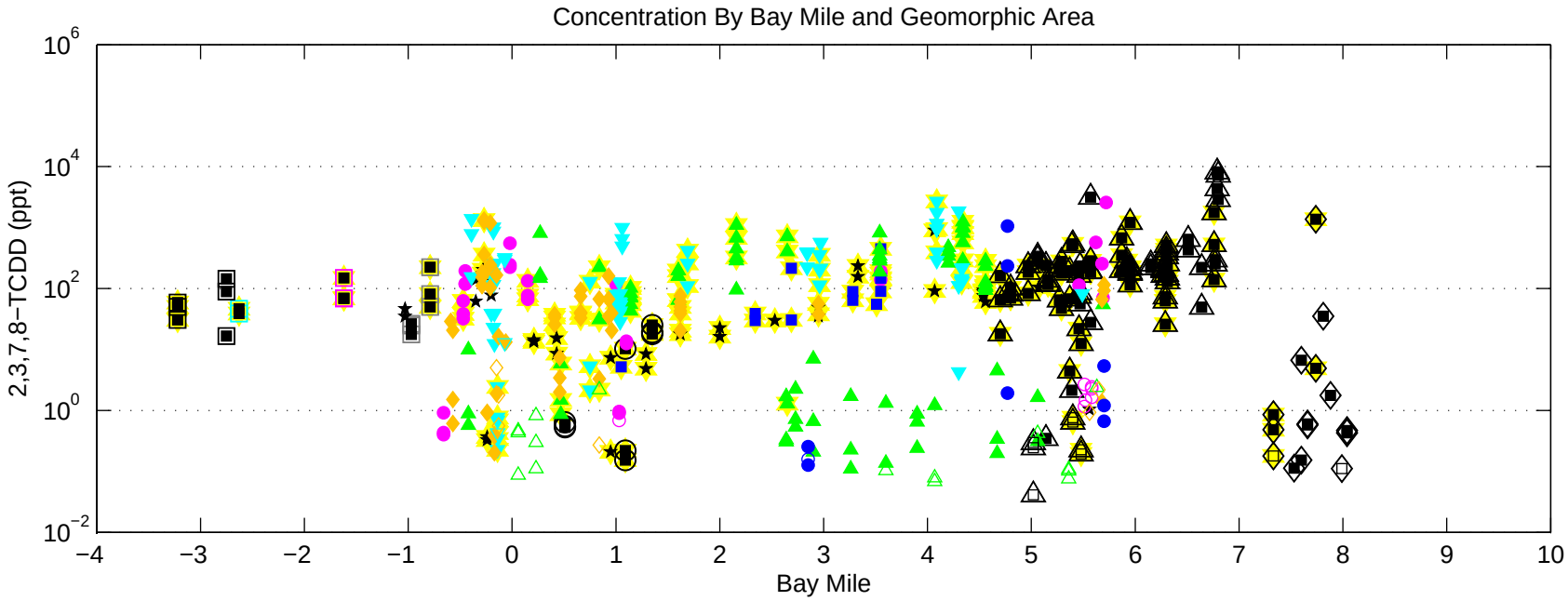
Notes:
1. Non-detect samples were included at the full reporting limit and, if present, are represented by open symbols. Detected values are solid symbols.
2. Geographic areas are presented on Figure 4-1a.
3. Geomorphic areas are presented on Figure 4-2a.
4. Bay Miles, as well as boundaries for East and West of the Navigation Channel are illustrated on Figure 4-3a.
5. Data presented on these figures include Phase I/Phase II data as well as secondary datasets described in Section 3, as available for each constituent.
6. Mercury results reported as non-detects with a value of 0 ppm are presented as non-detects with a value of 0.001 ppm.
7. Total Alpha and Gamma Chlordane reported as non-detects with a value of 0 ppb are presented as non-detects with a value of 0.001 ppb.
8. Abbreviations are as follows:

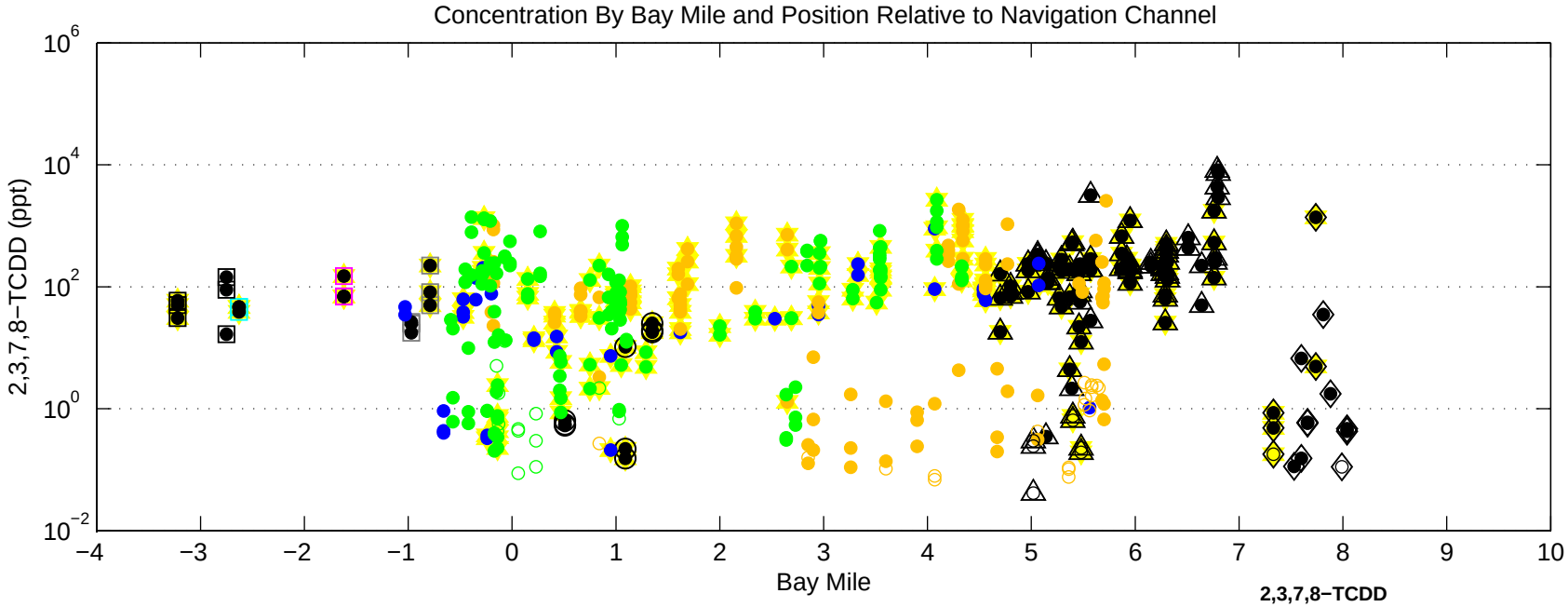
ft bss = feet below sediment surface
ppm = parts per million
ppb = parts per billion
ppt = parts per trillion



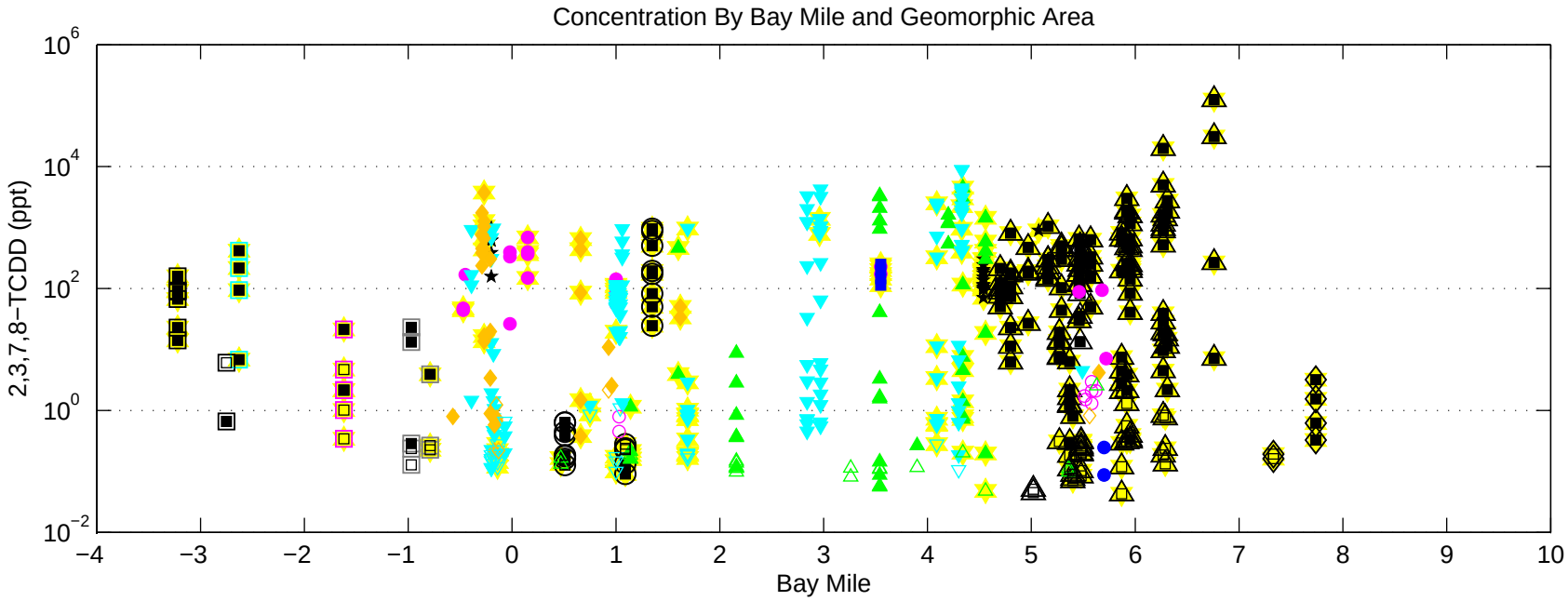


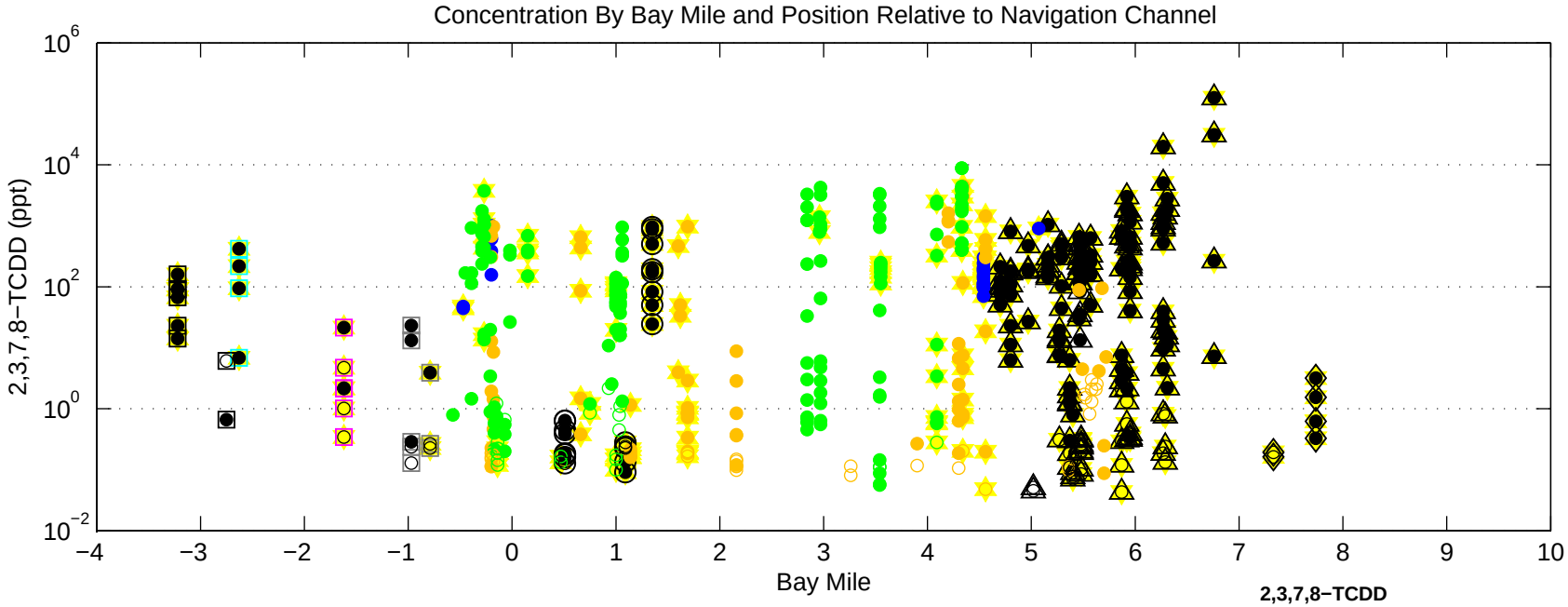
2,3,7,8−TCDD
SURFACE (0 − 0.5 FT BSS)
FIGURE H−1a



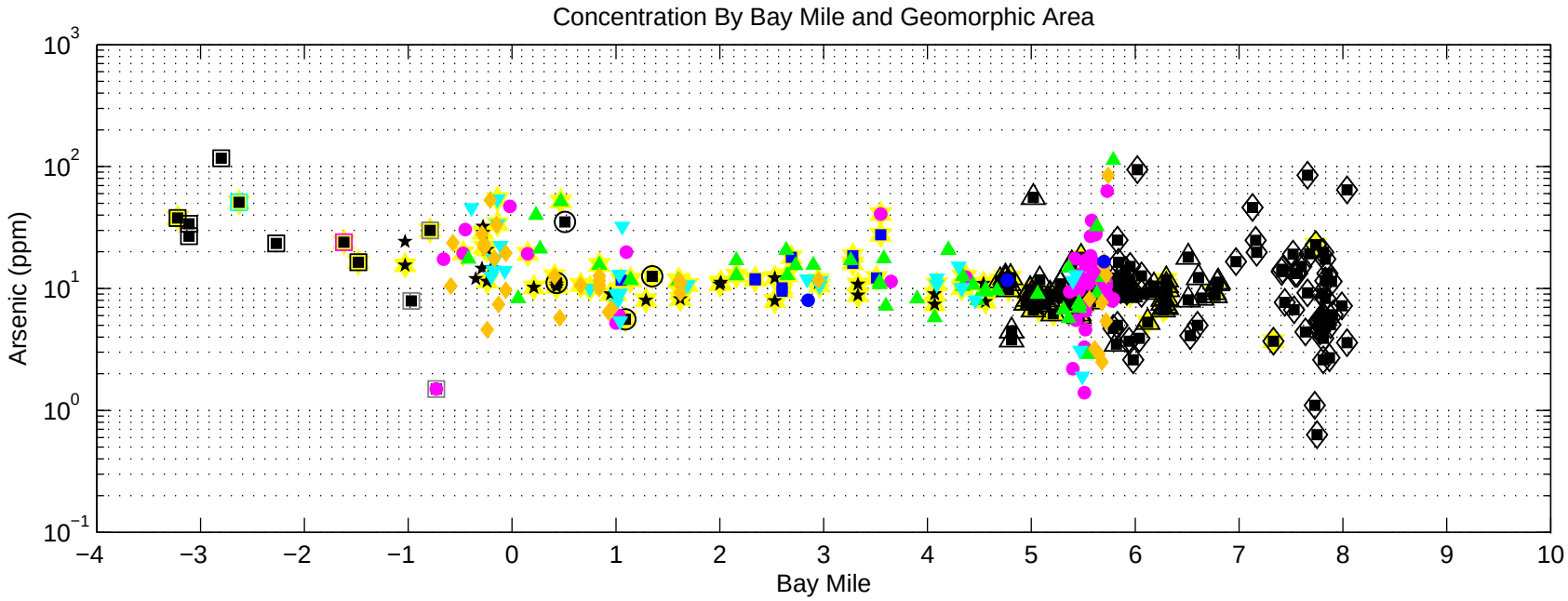


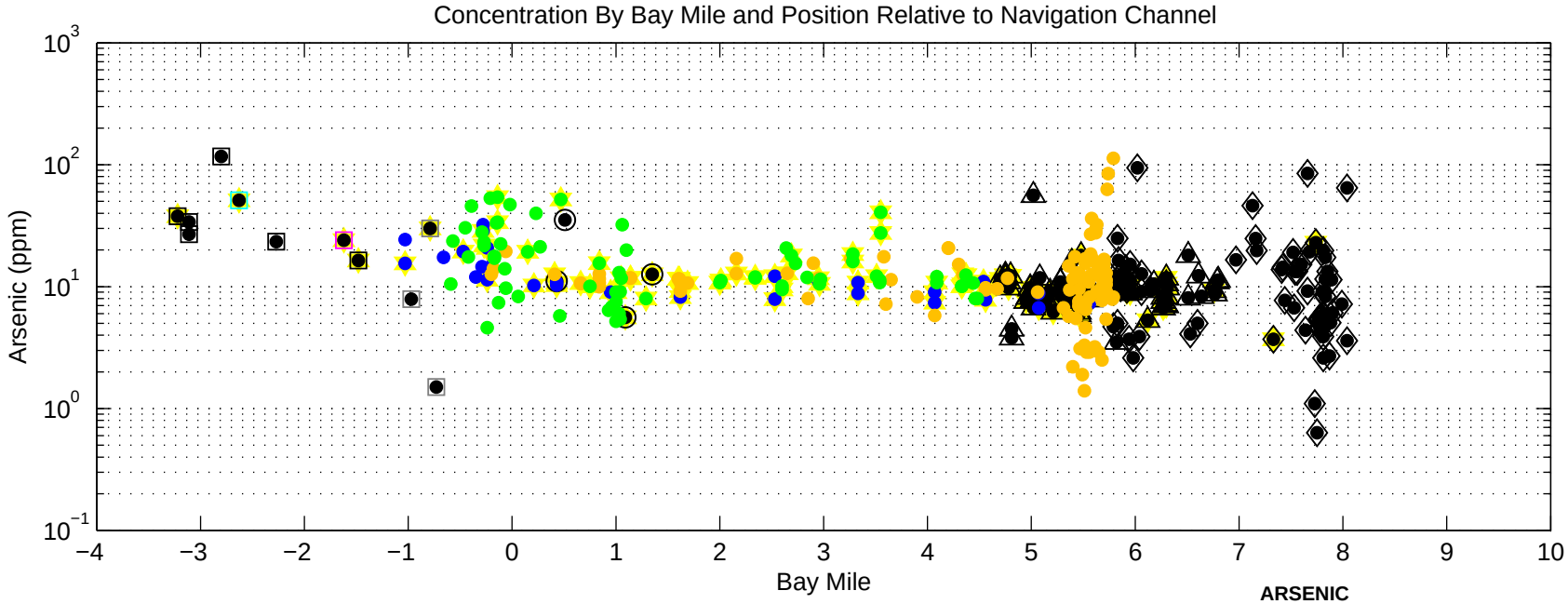
2,3,7,8−TCDD
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−1b



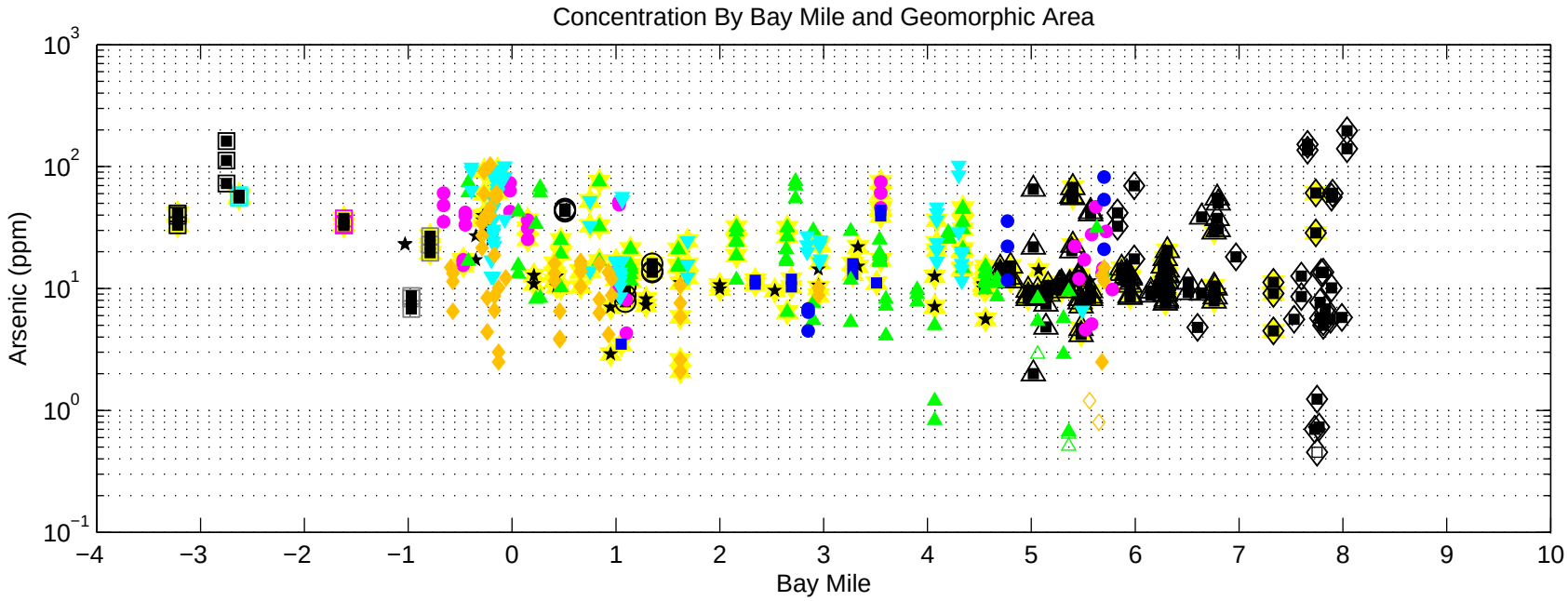


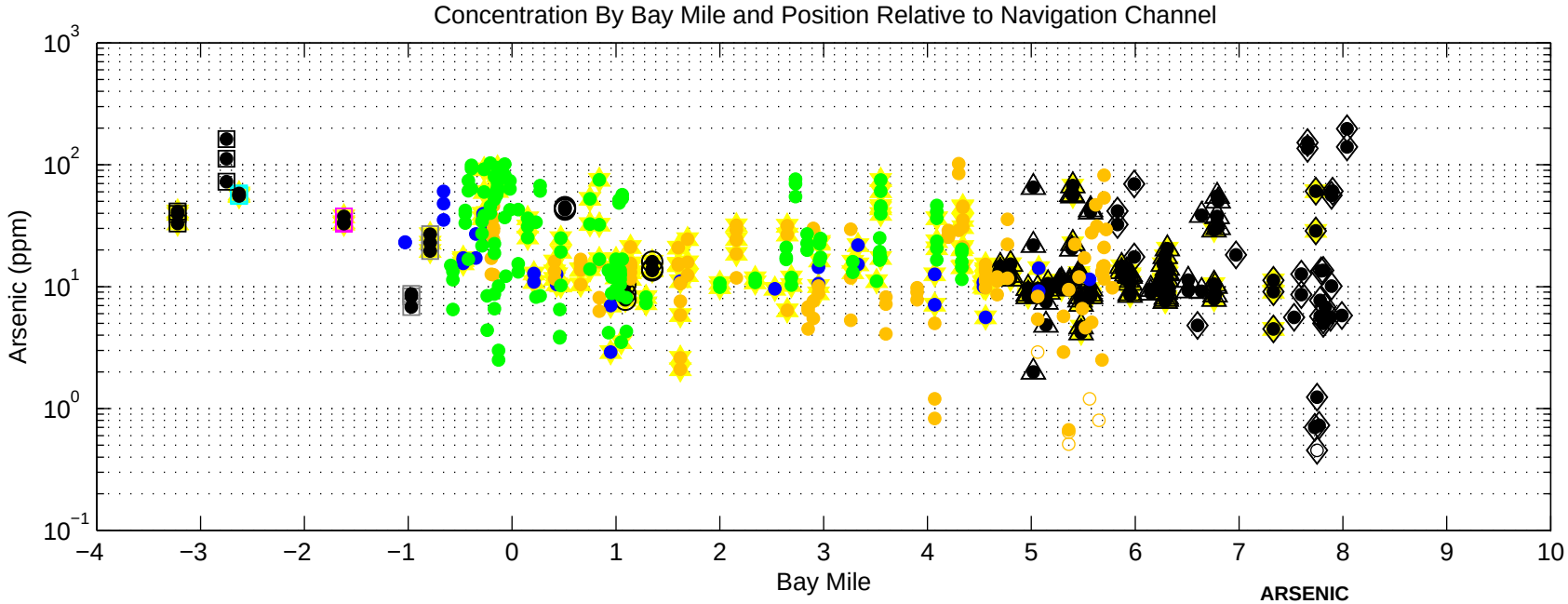
2,3,7,8−TCDD
SUBSURFACE (>3.5 FT BSS)
FIGURE H−1c



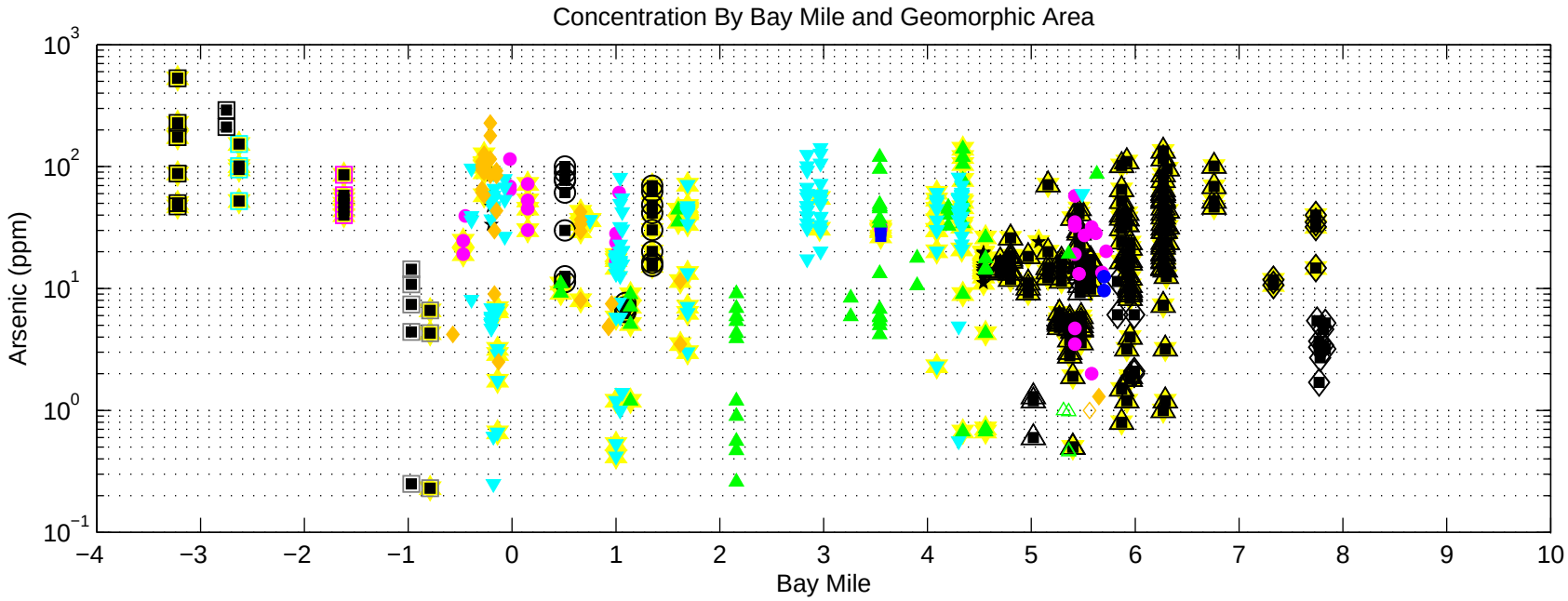


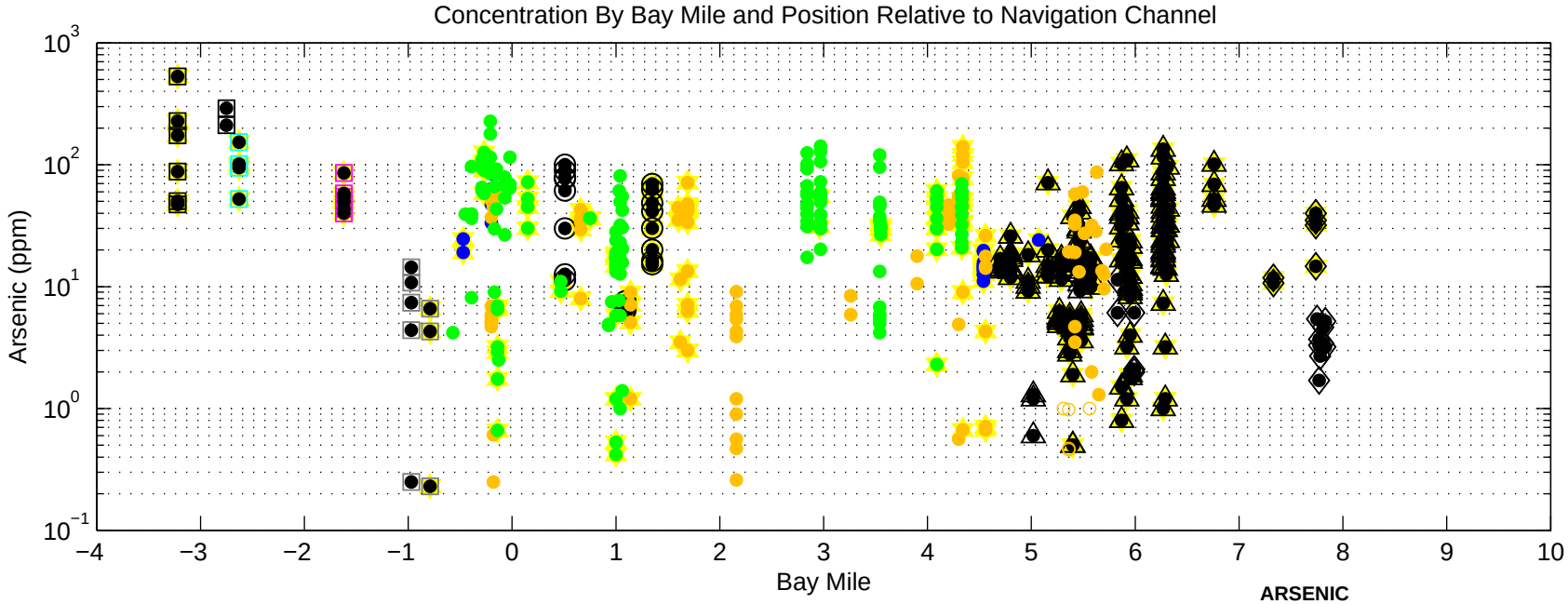
ARSENIC
SURFACE (0 − 0.5 FT BSS)
FIGURE H−2a



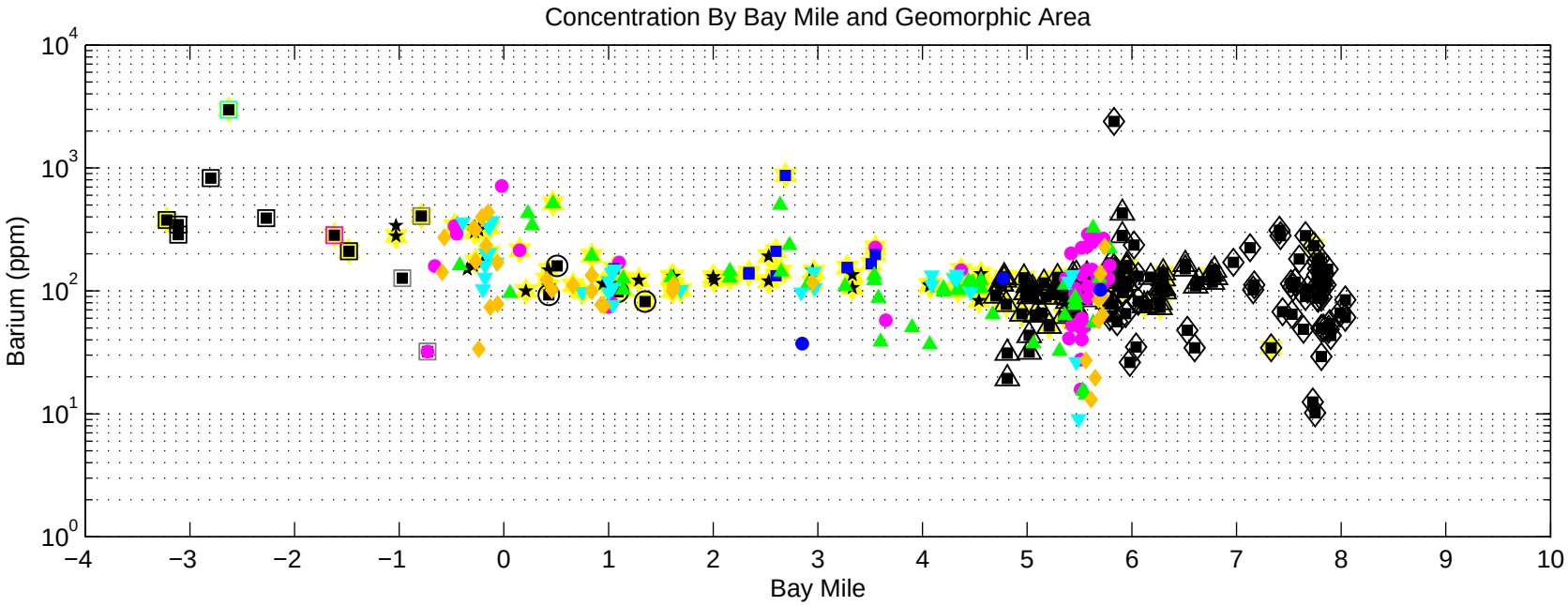


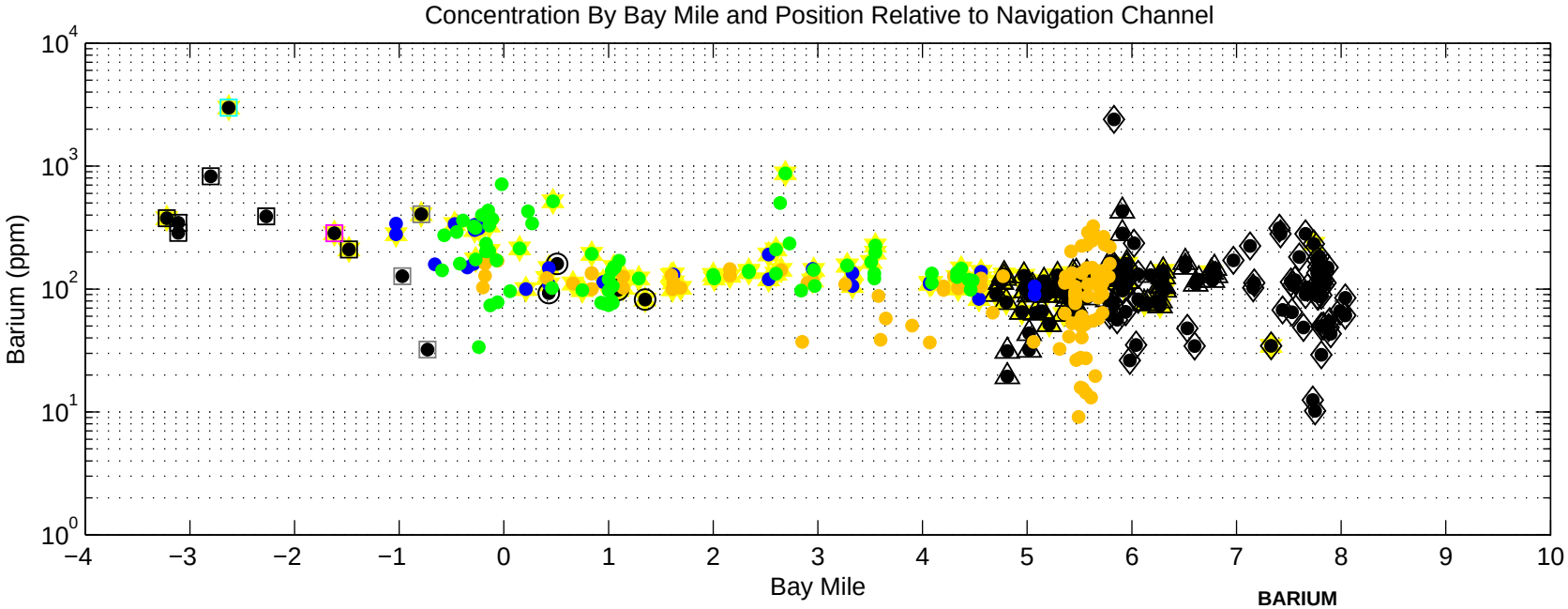
ARSENIC
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−2b



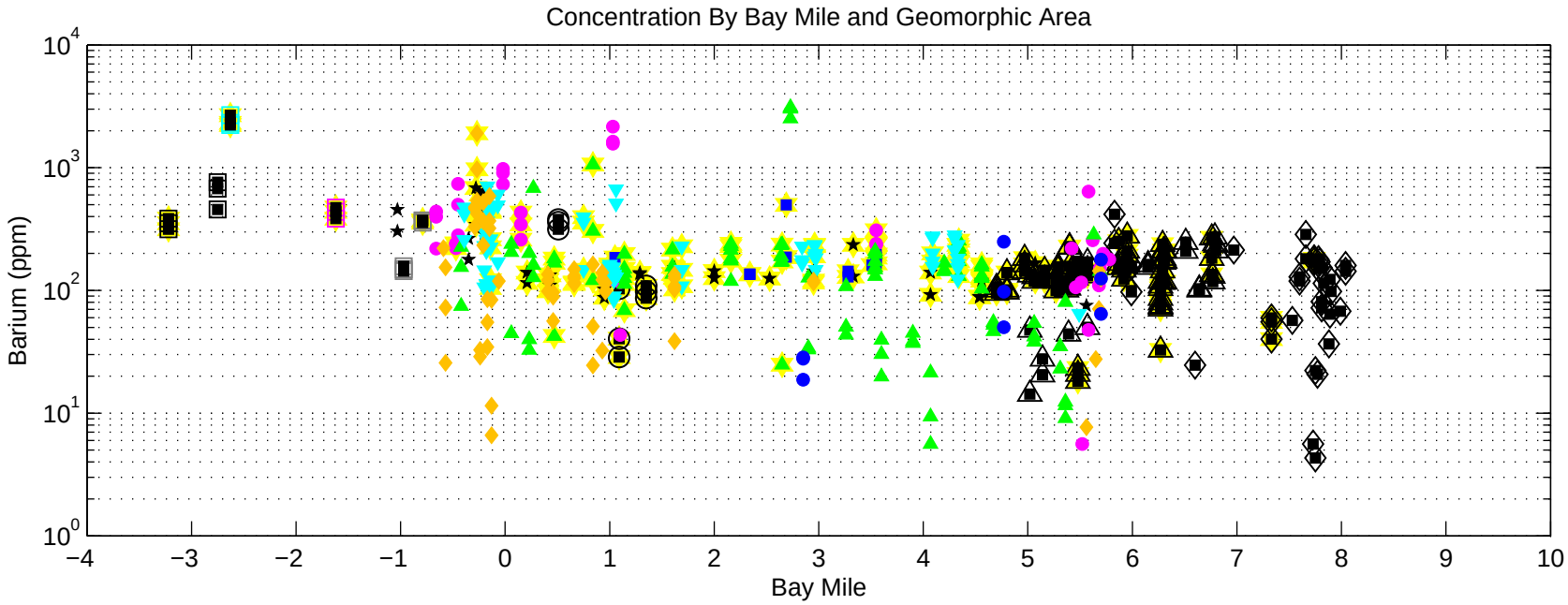


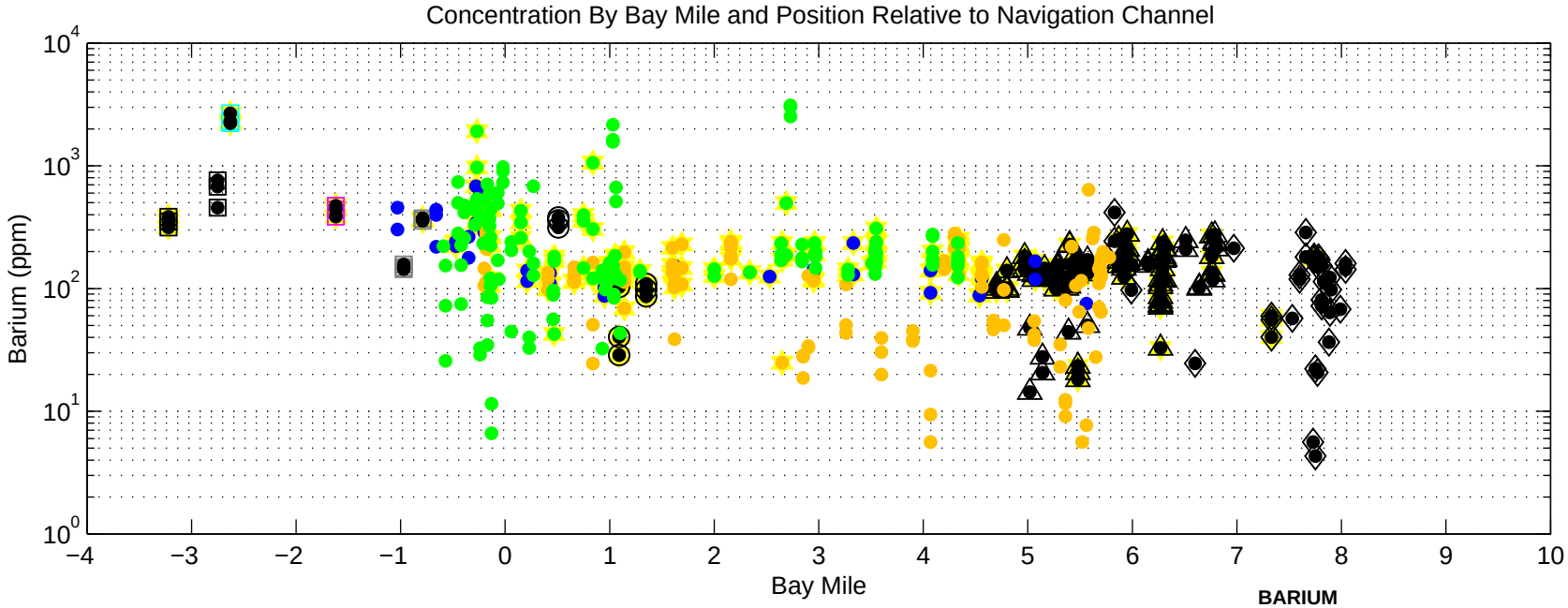
ARSENIC
SUBSURFACE (>3.5 FT BSS)
FIGURE H−2c



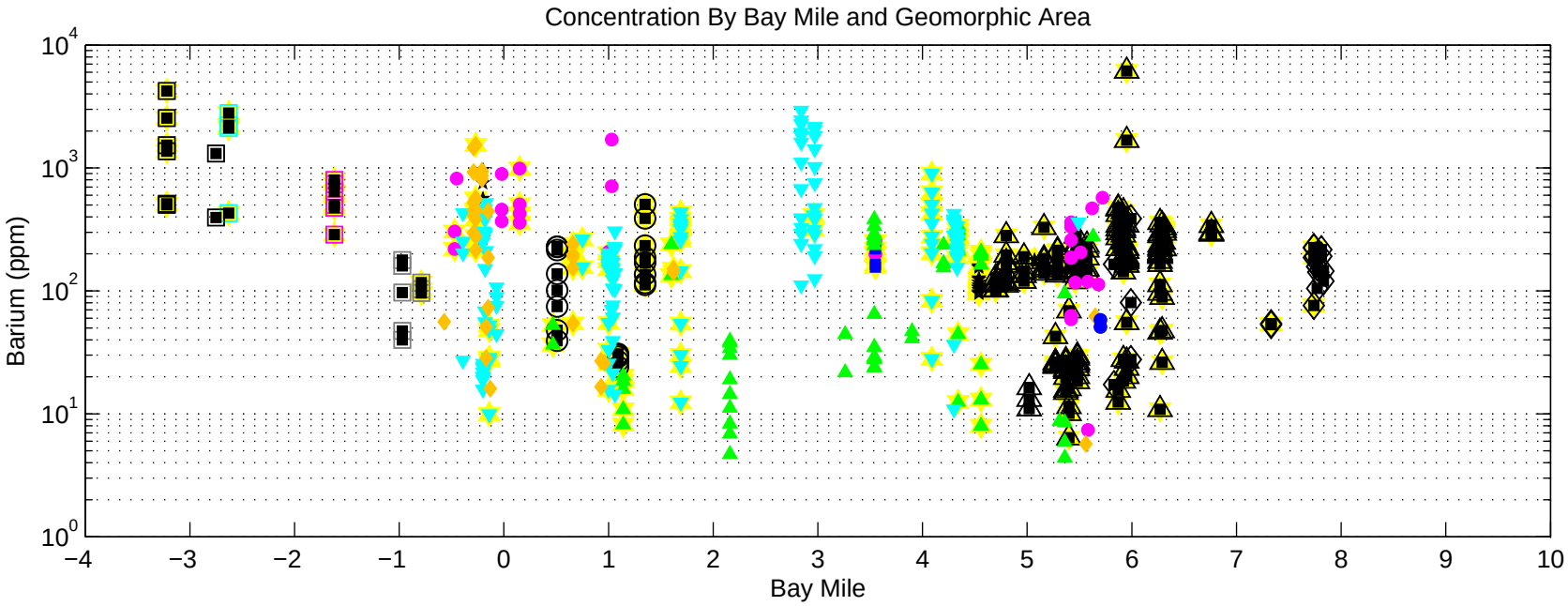


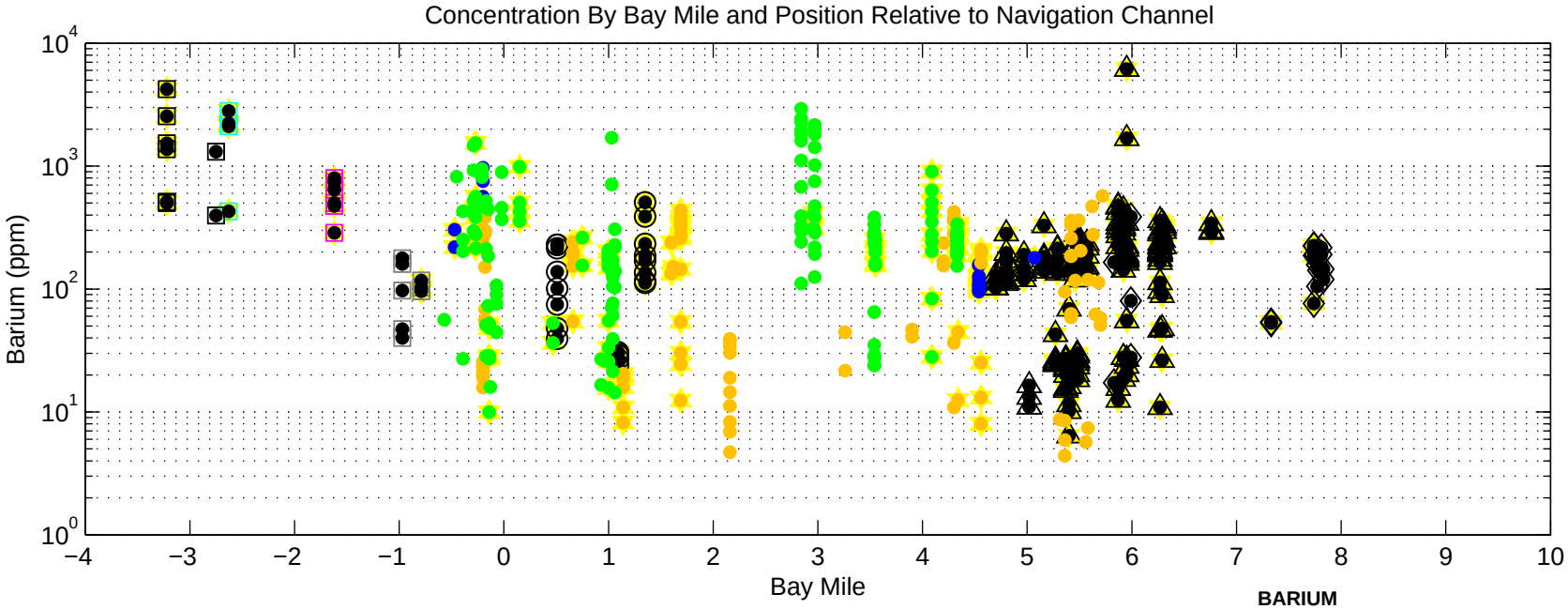
BARIUM
SURFACE (0 − 0.5 FT BSS)
FIGURE H−3a



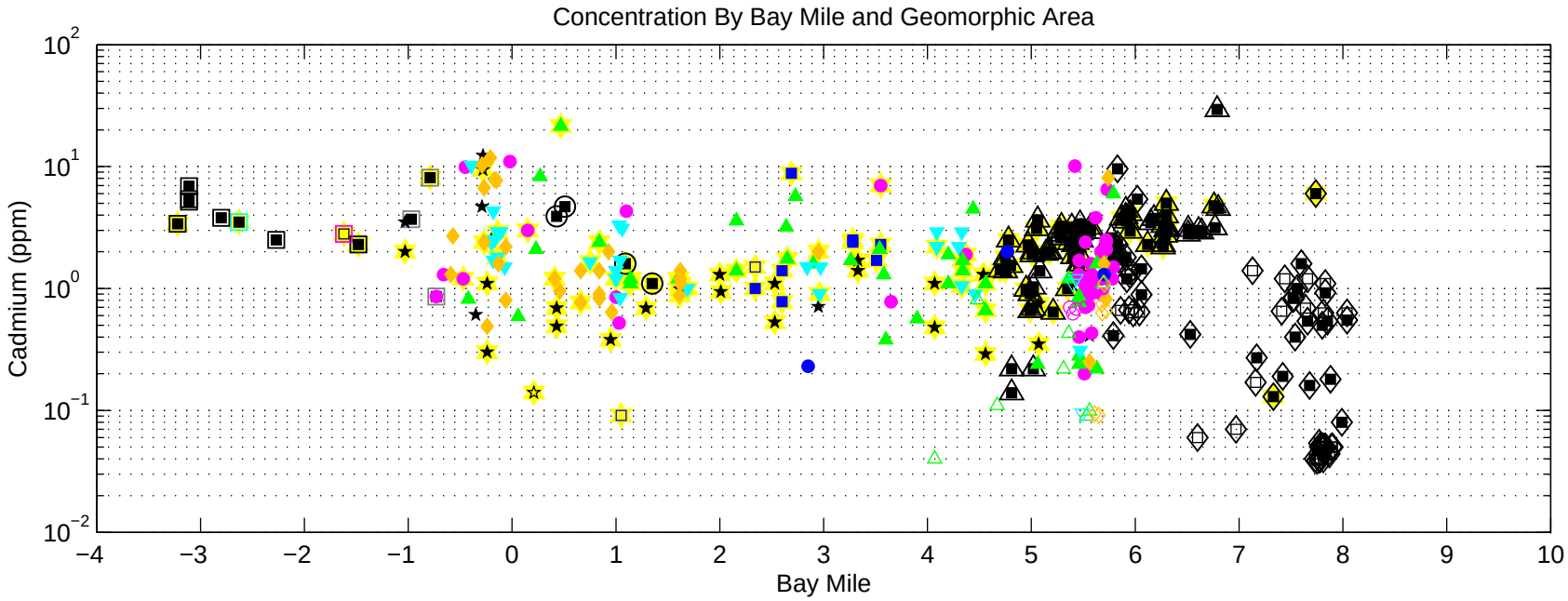


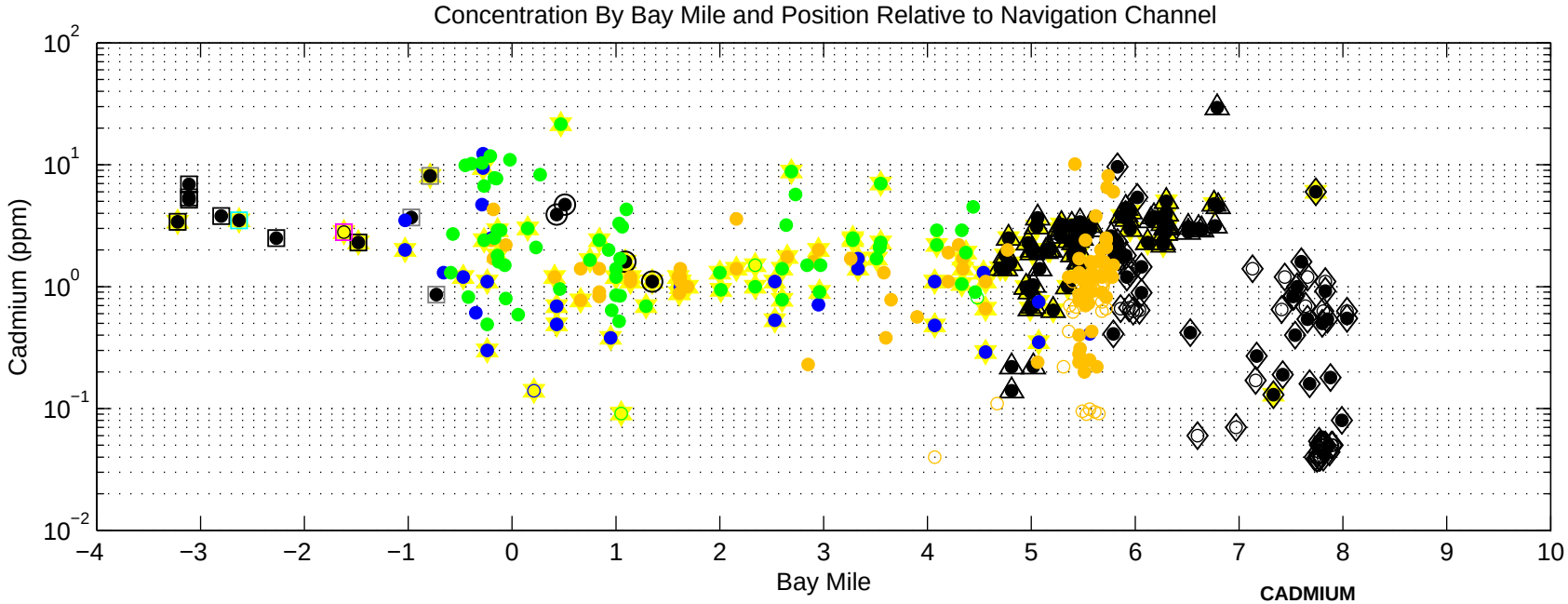
BARIUM
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−3b



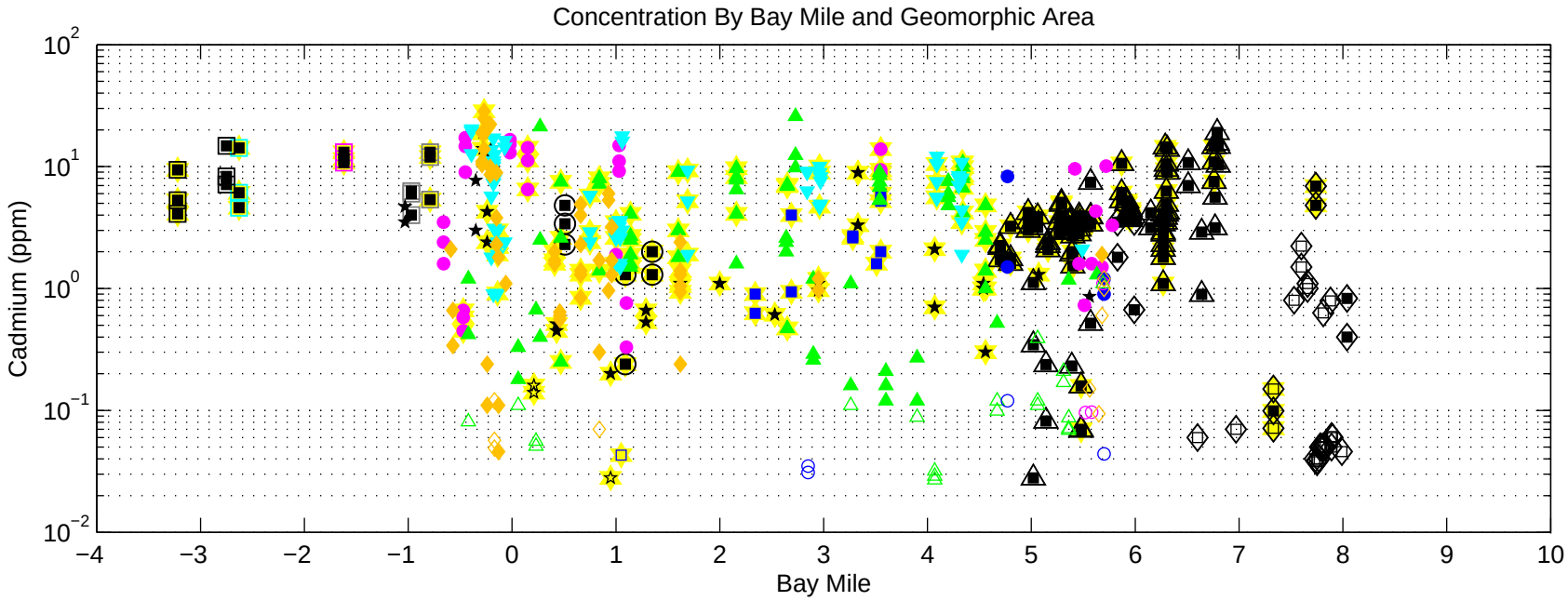


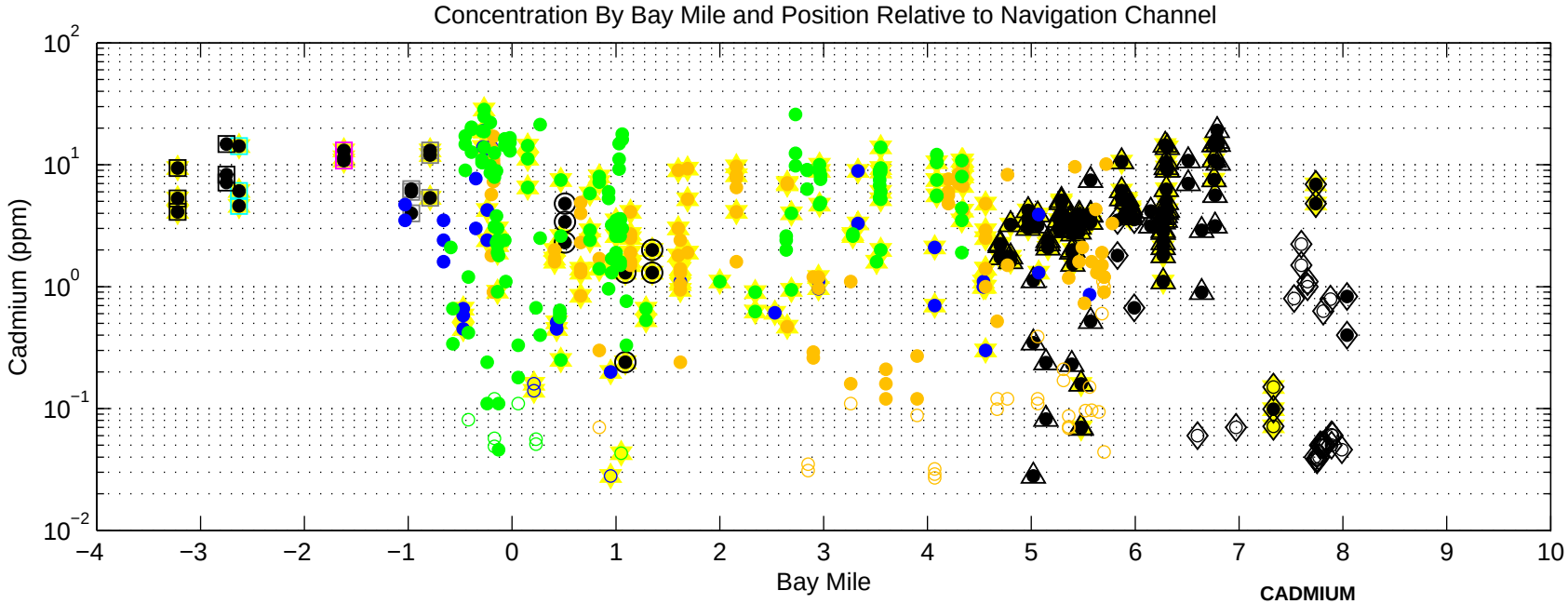
BARIUM
SUBSURFACE (>3.5 FT BSS)
FIGURE H−3c



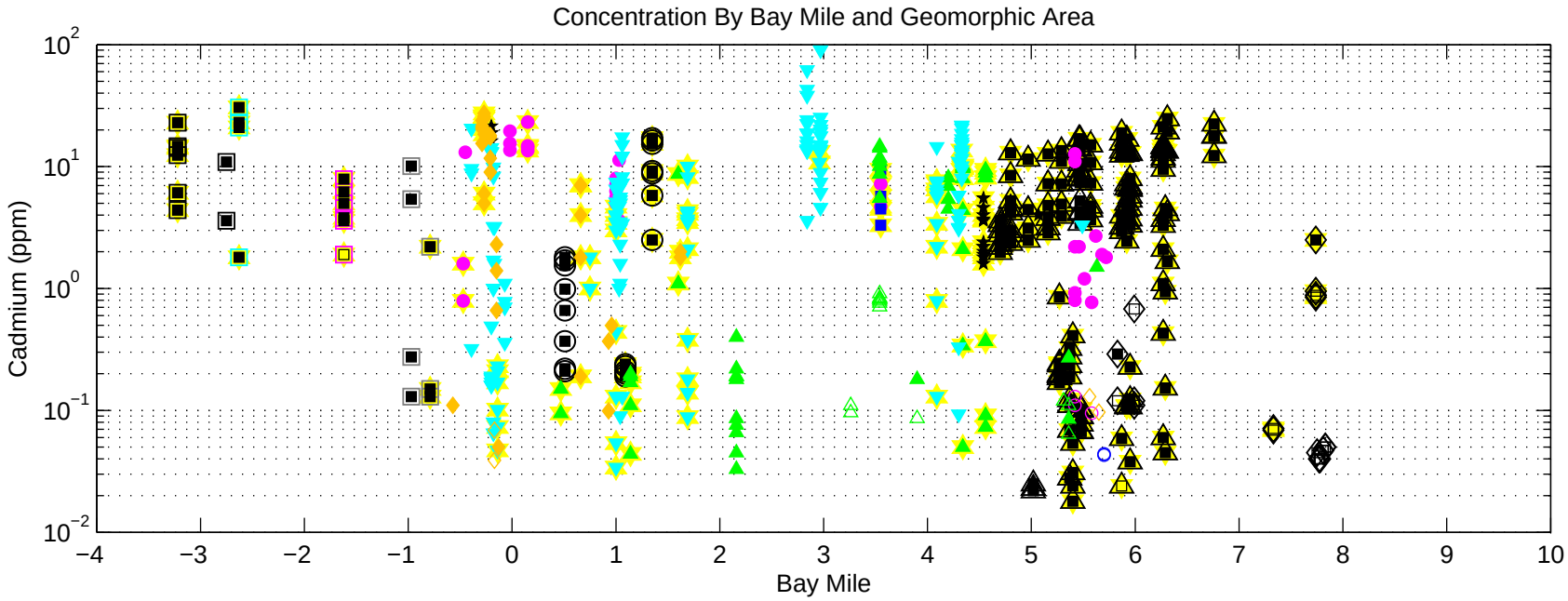


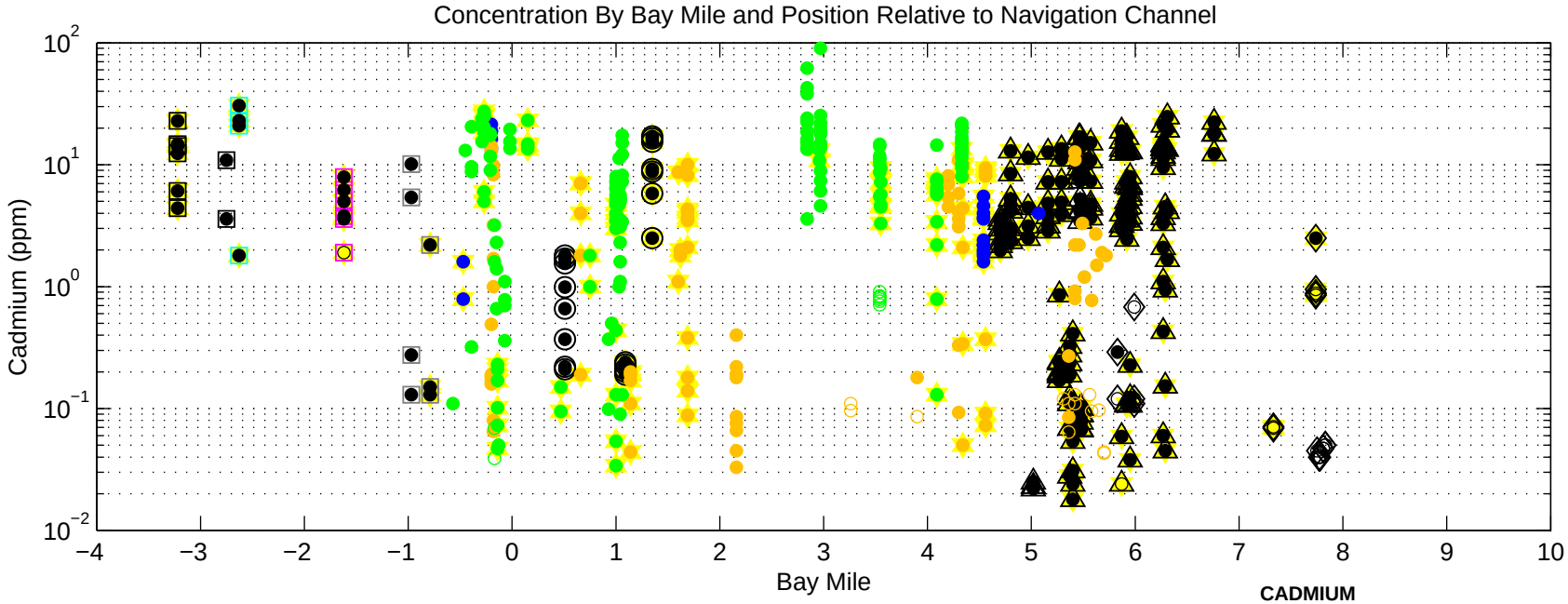
CADMIUM
SURFACE (0 − 0.5 FT BSS)
FIGURE H−4a



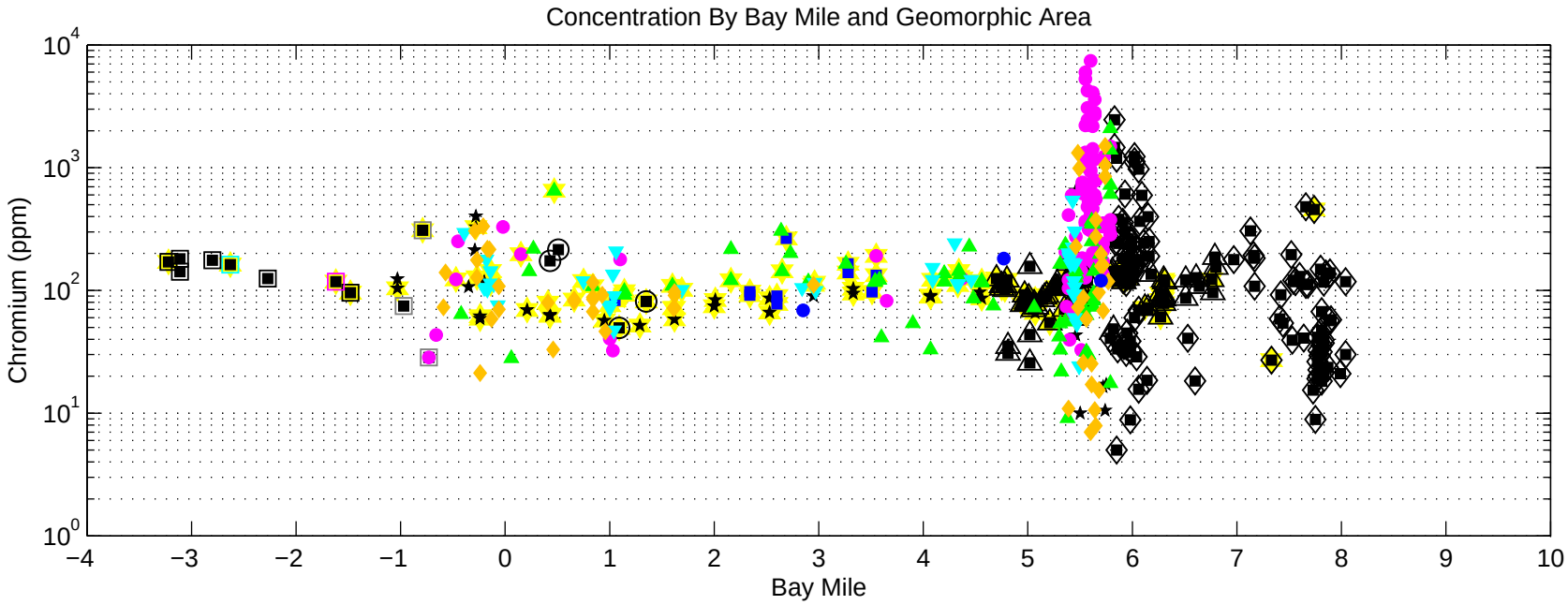


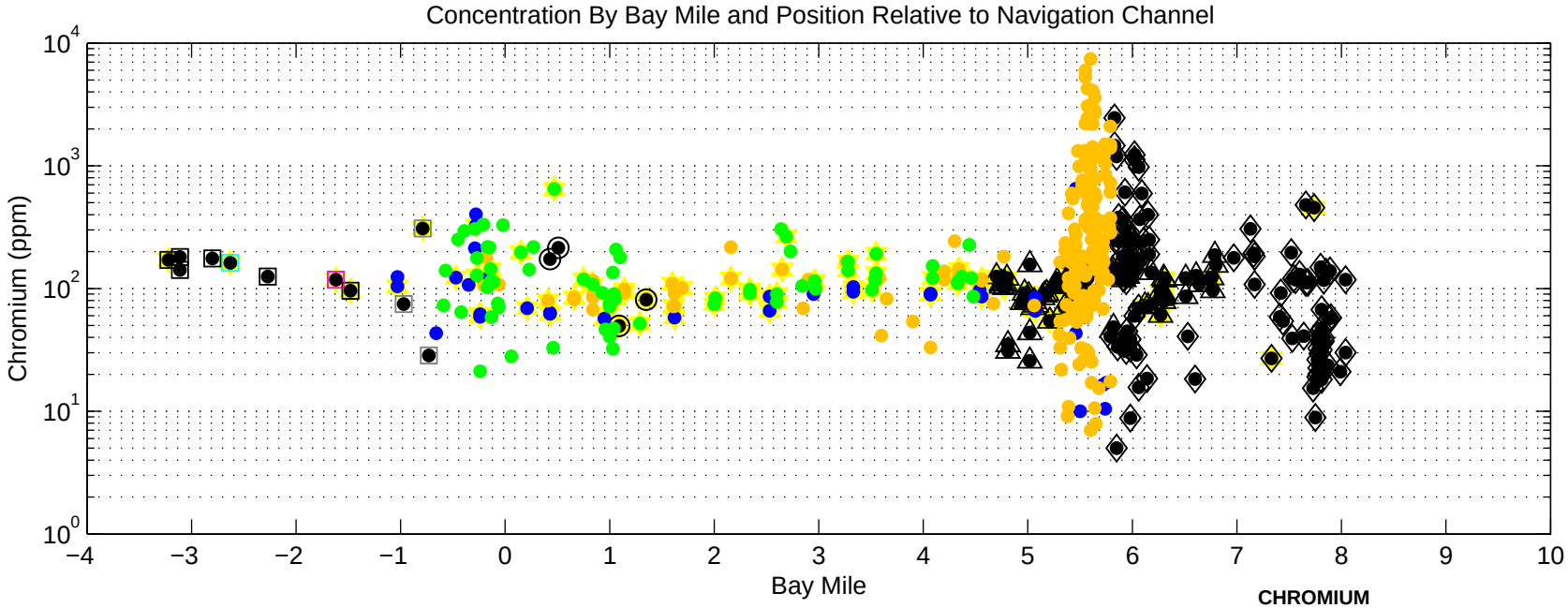
CADMIUM
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−4b



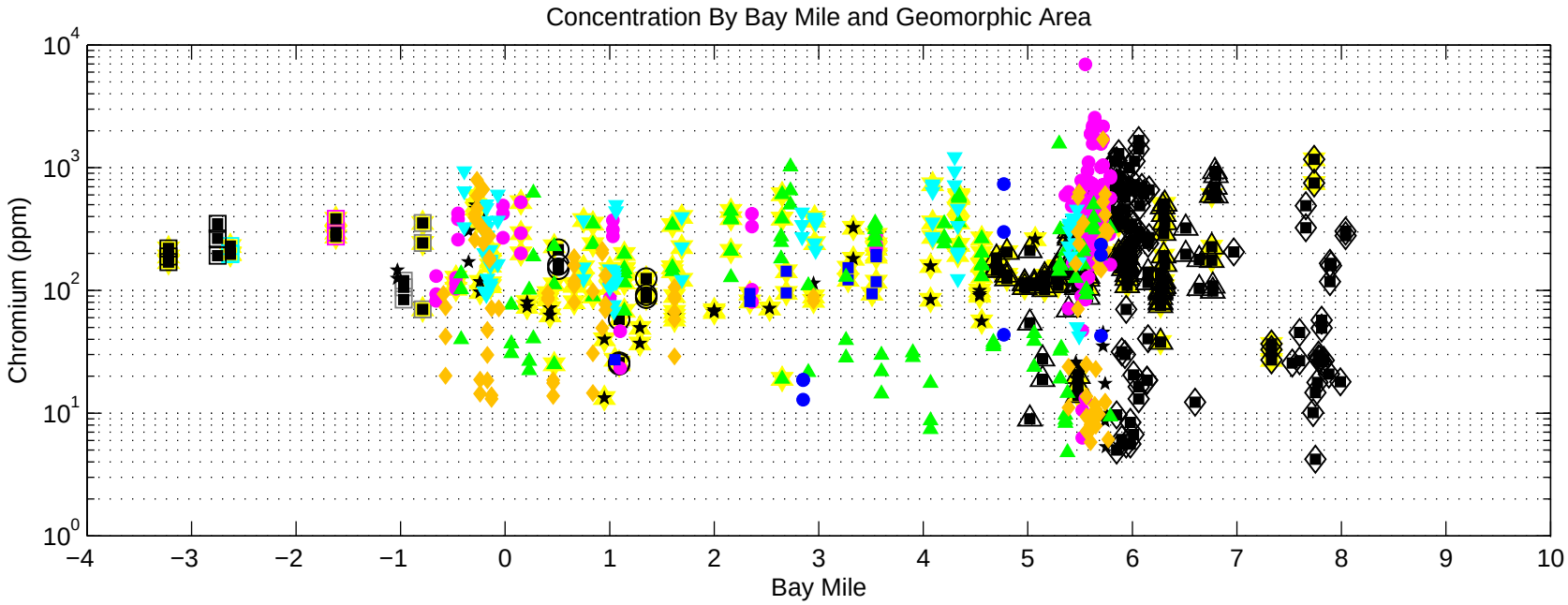


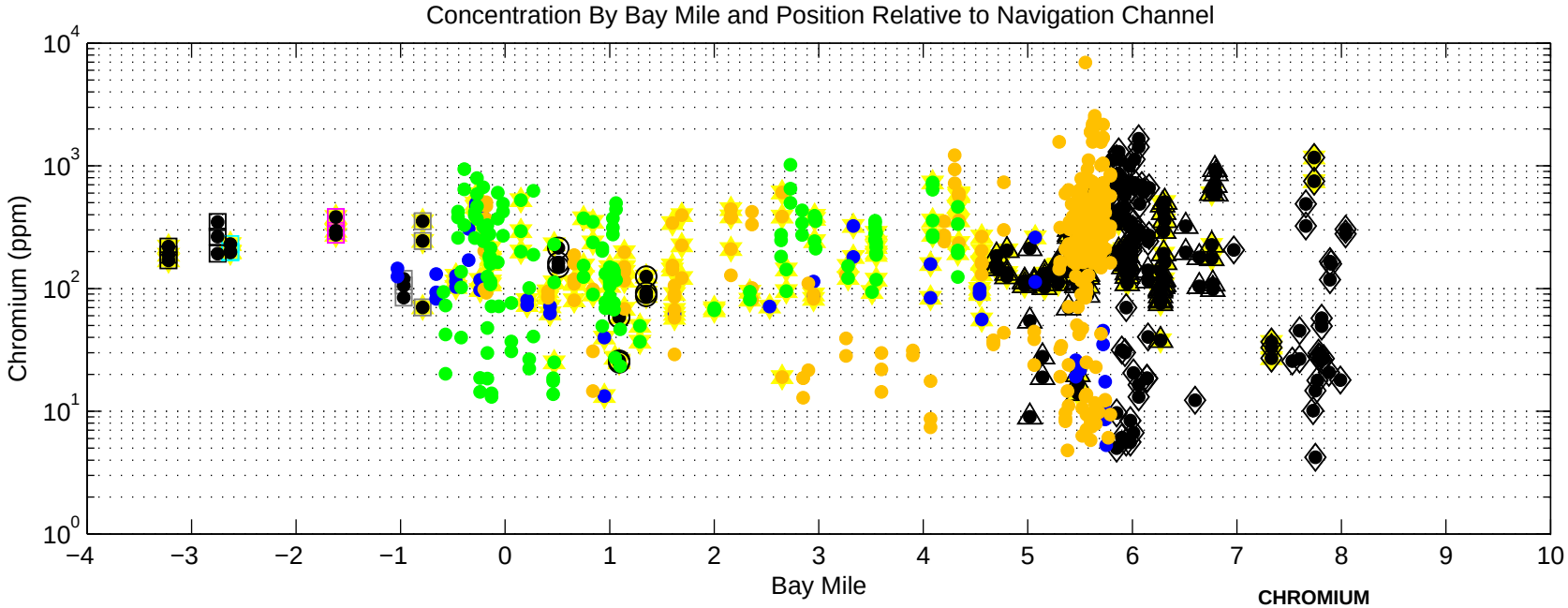
CADMIUM
SUBSURFACE (>3.5 FT BSS)
FIGURE H−4c



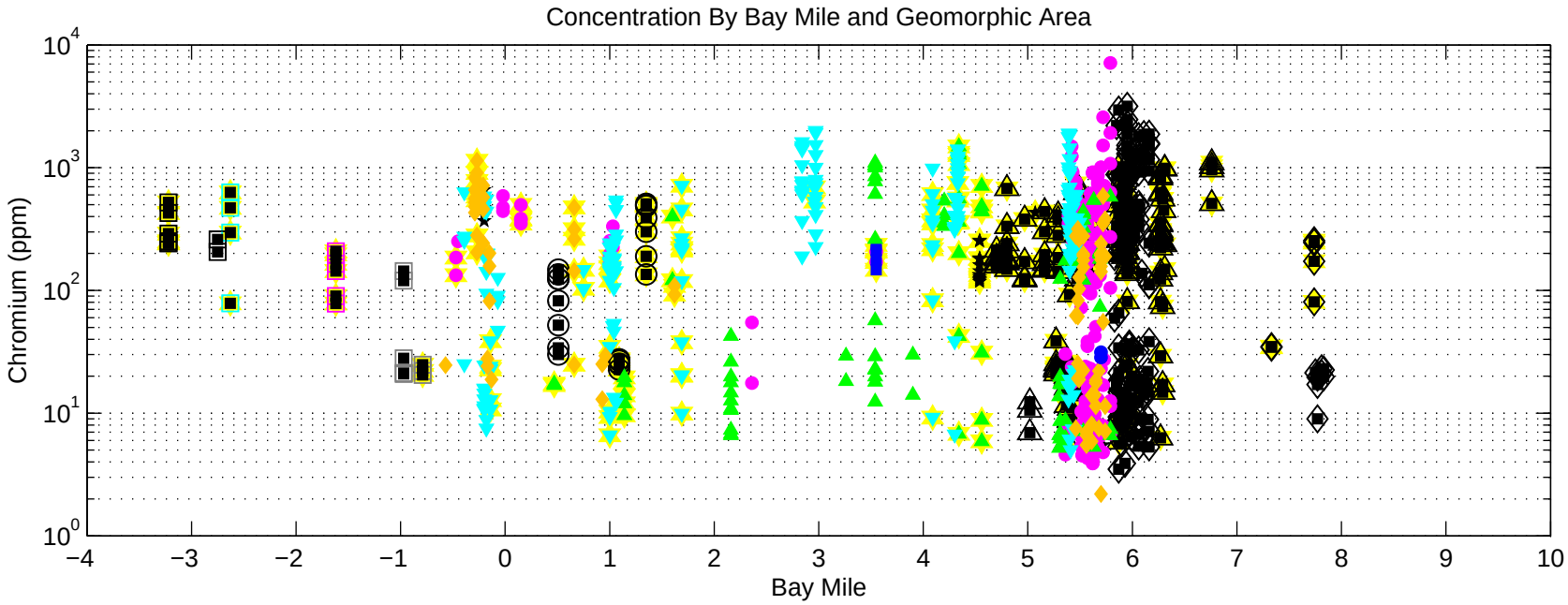


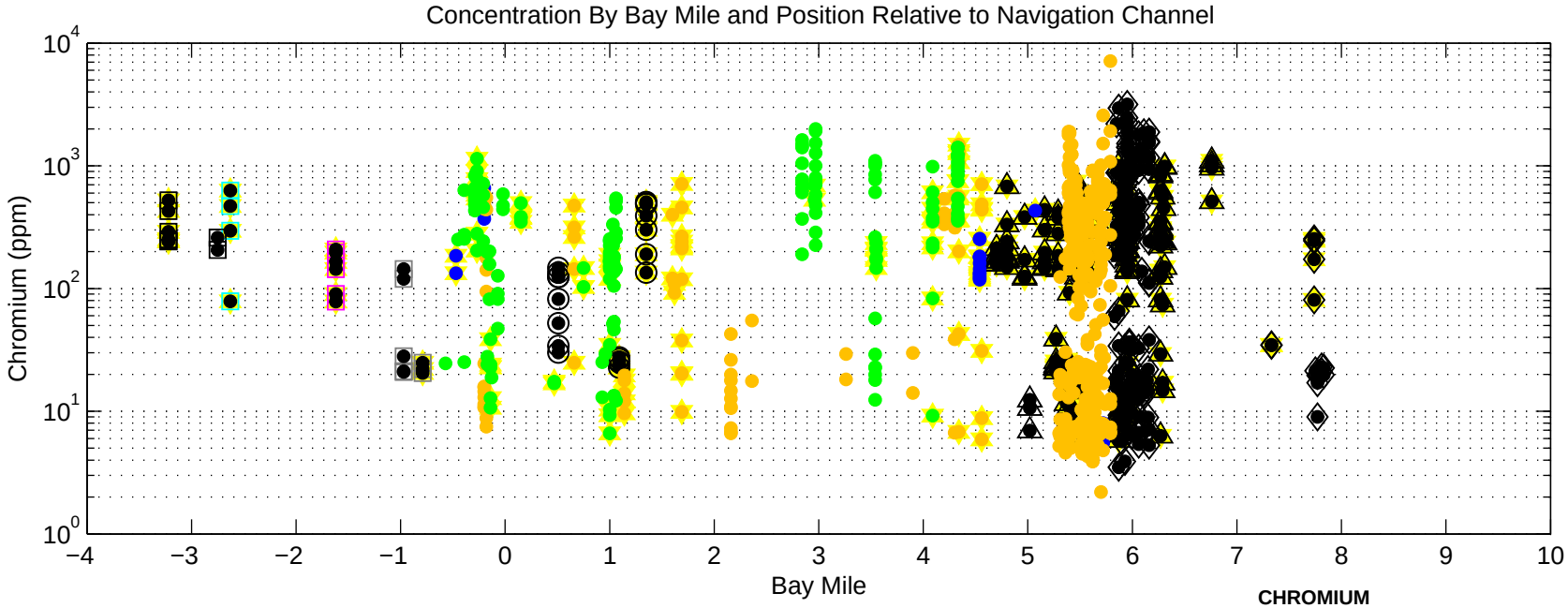
CHROMIUM
SURFACE (0 − 0.5 FT BSS)
FIGURE H−5a



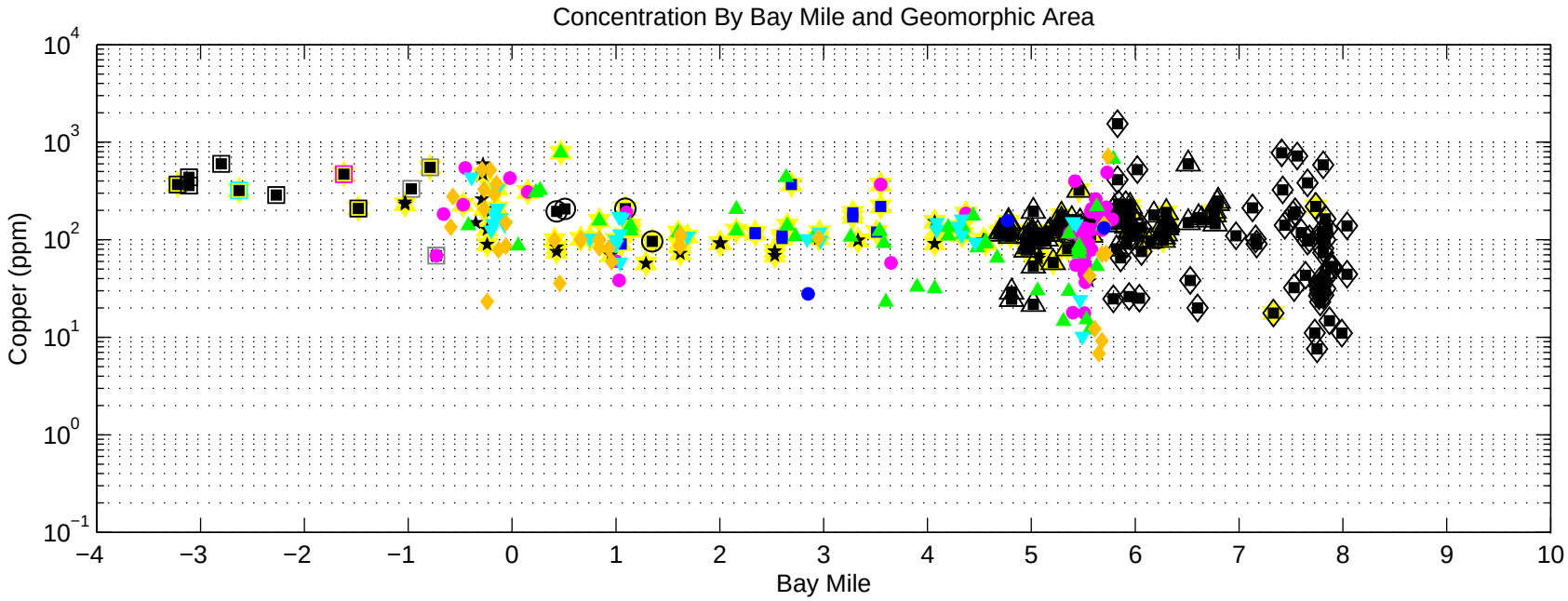


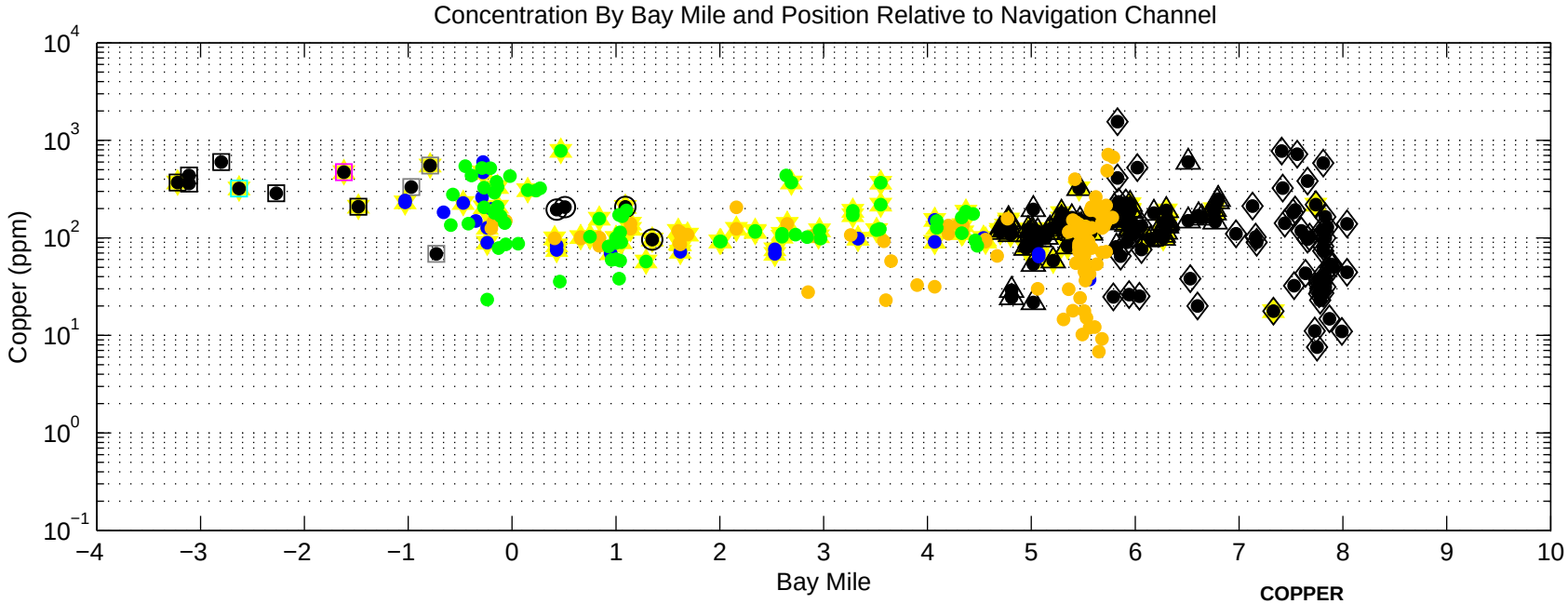
CHROMIUM
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−5b



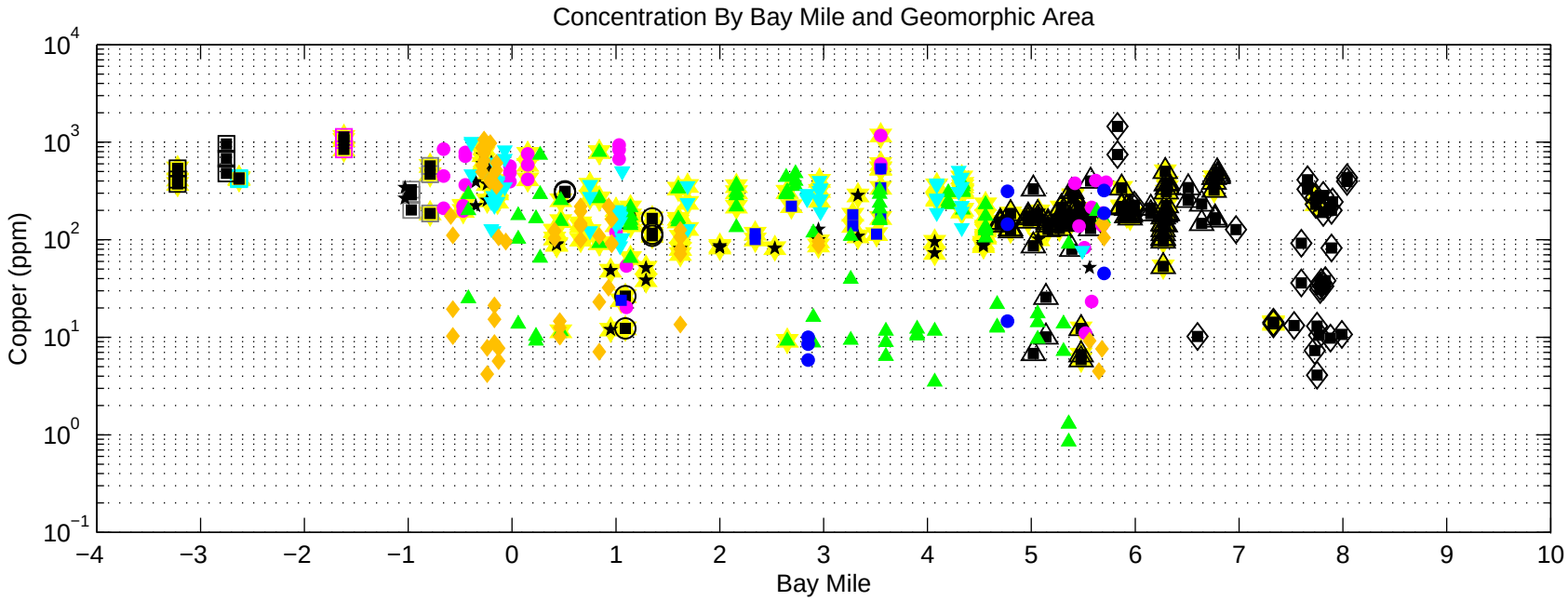


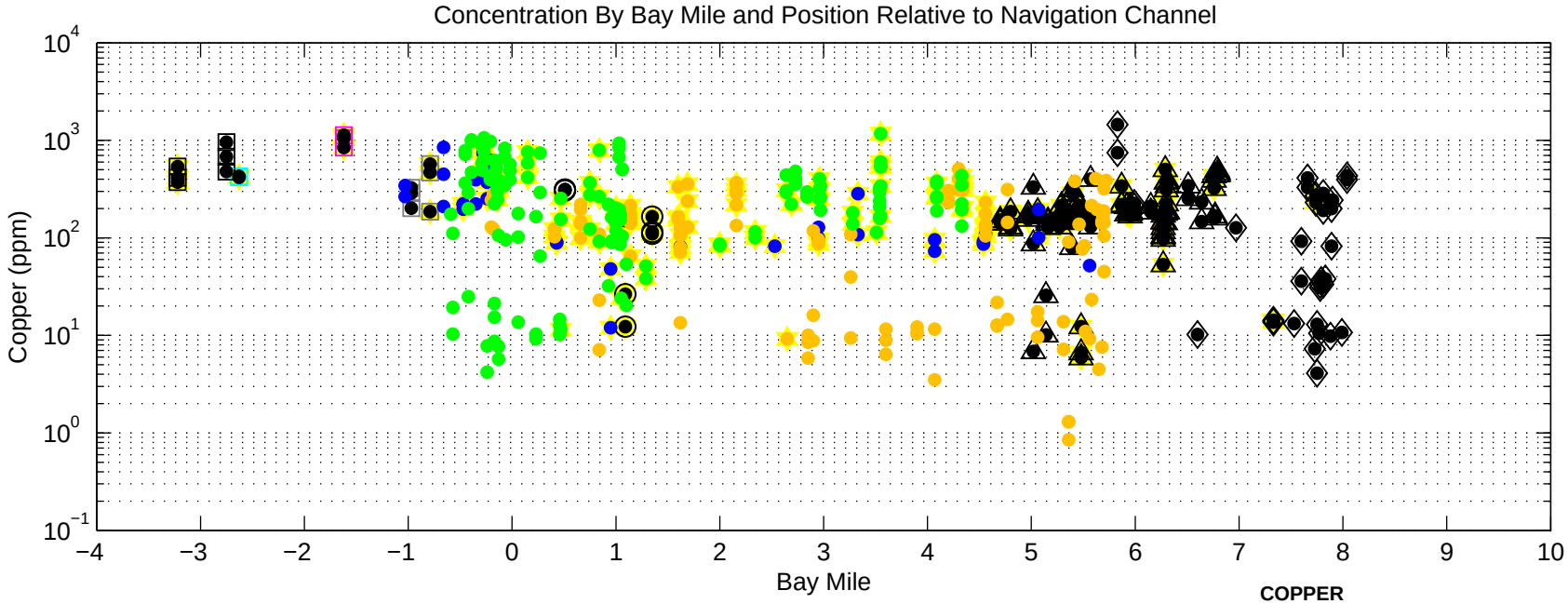
CHROMIUM
SUBSURFACE (>3.5 FT BSS)
FIGURE H−5c



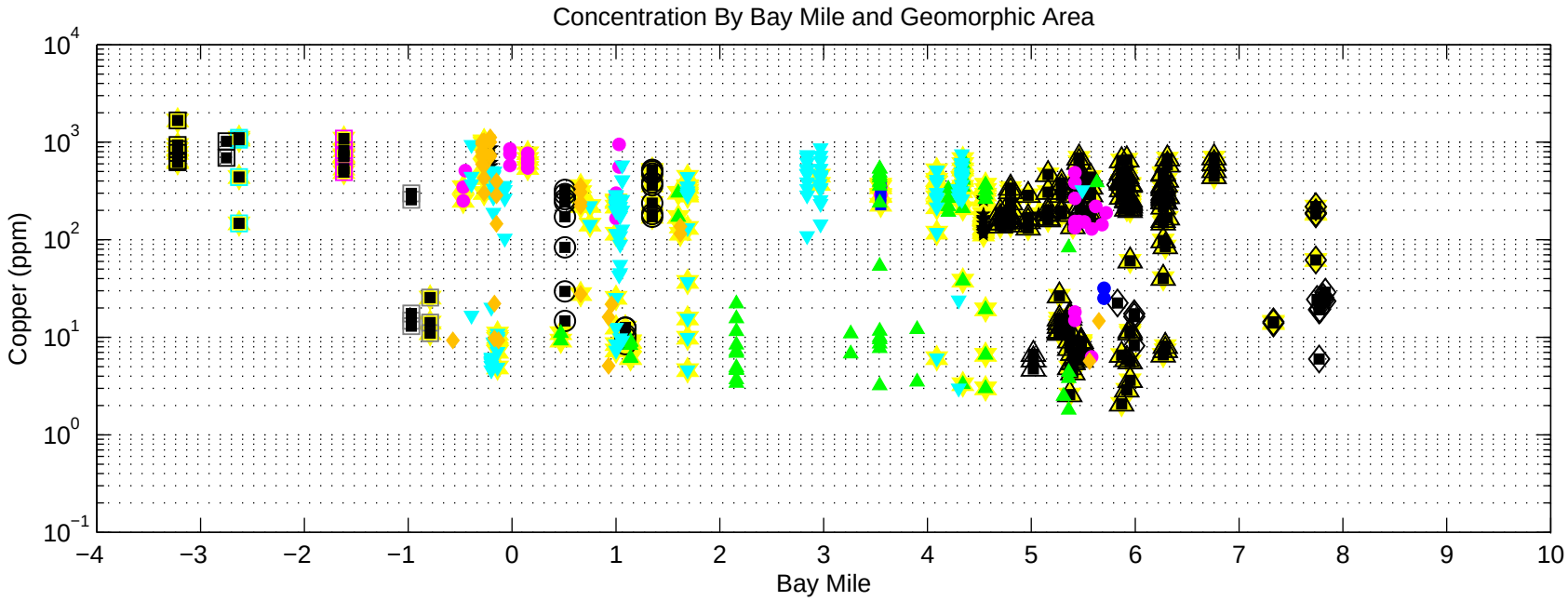


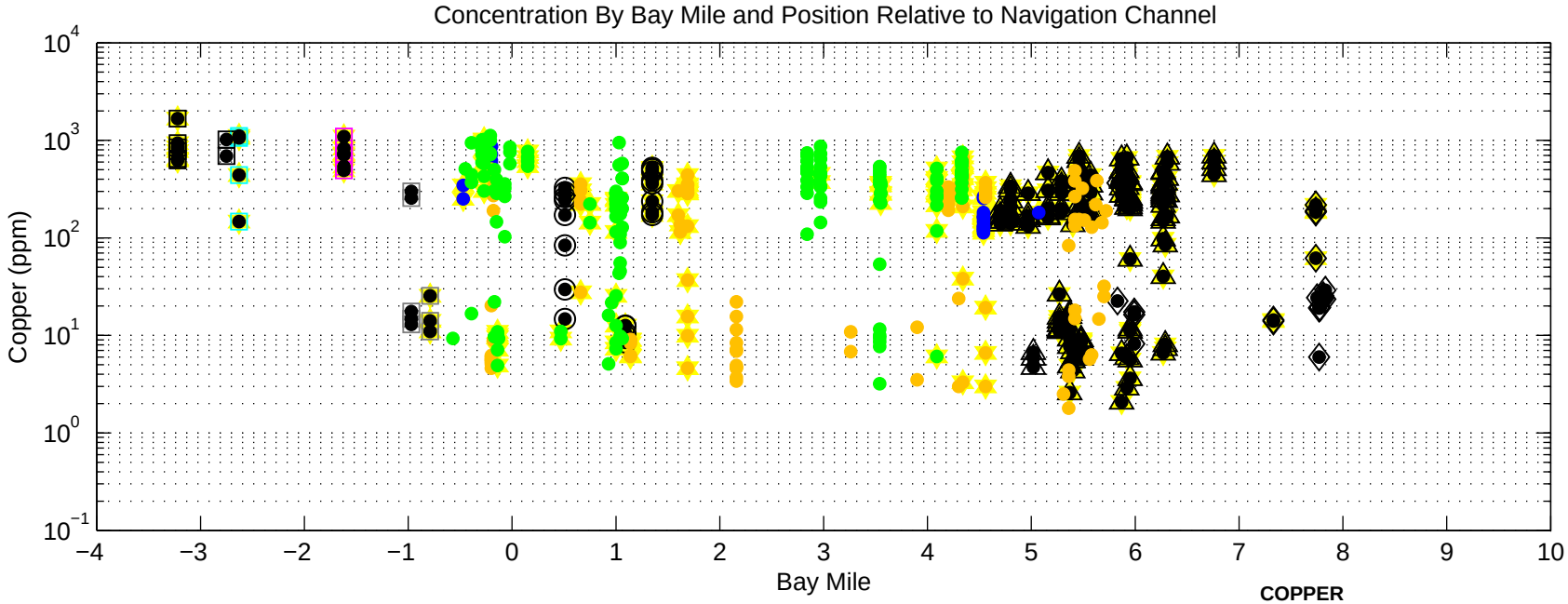
COPPER
SURFACE (0 − 0.5 FT BSS)
FIGURE H−6a



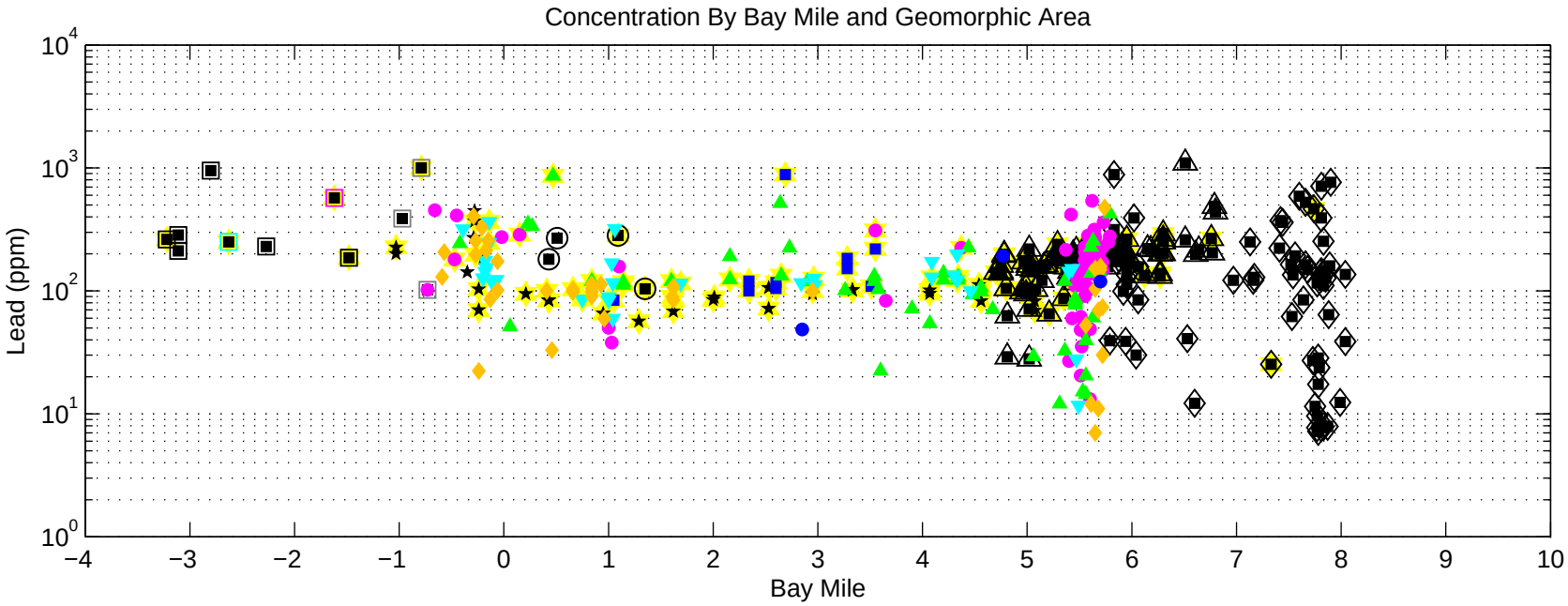


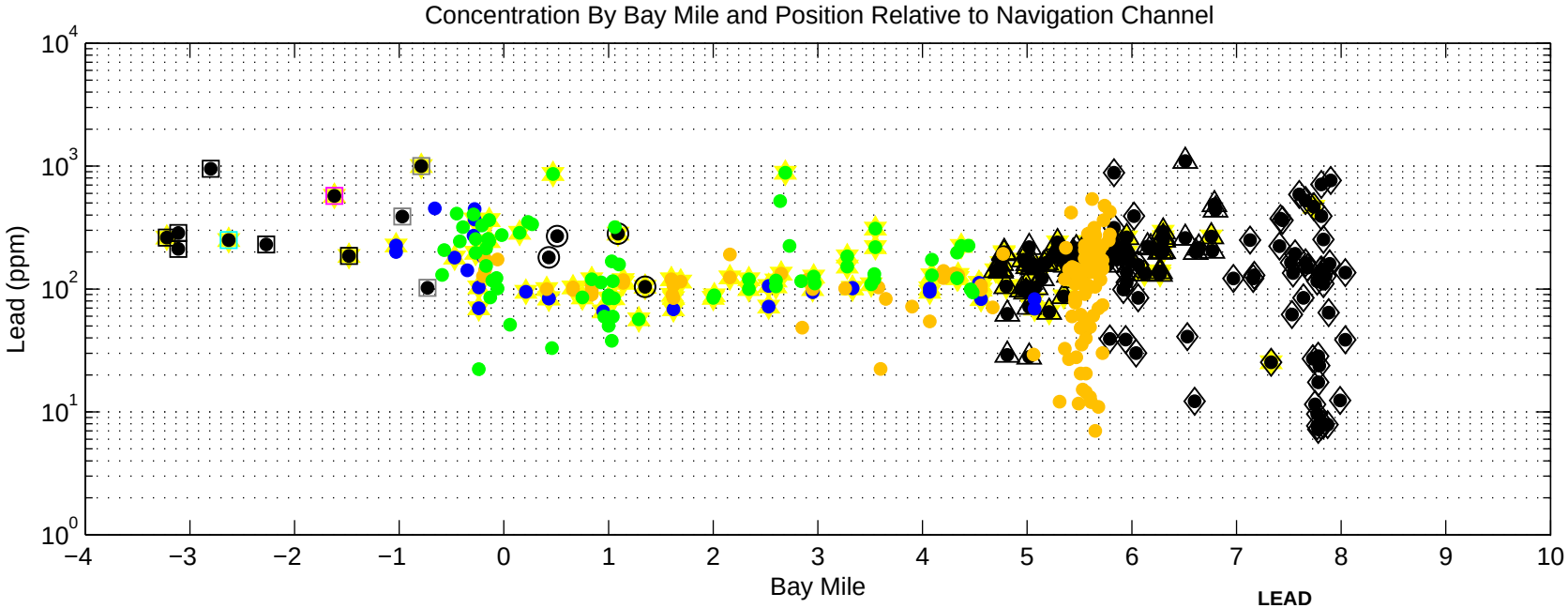
COPPER
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−6b



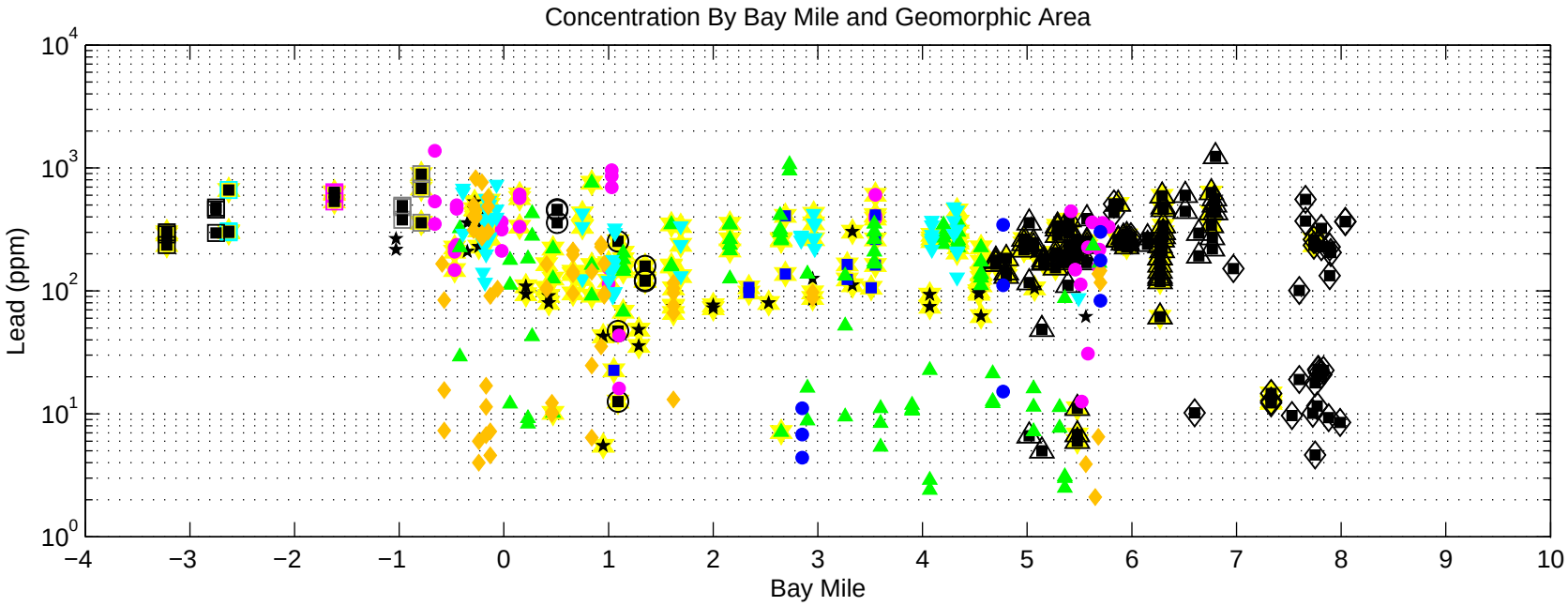


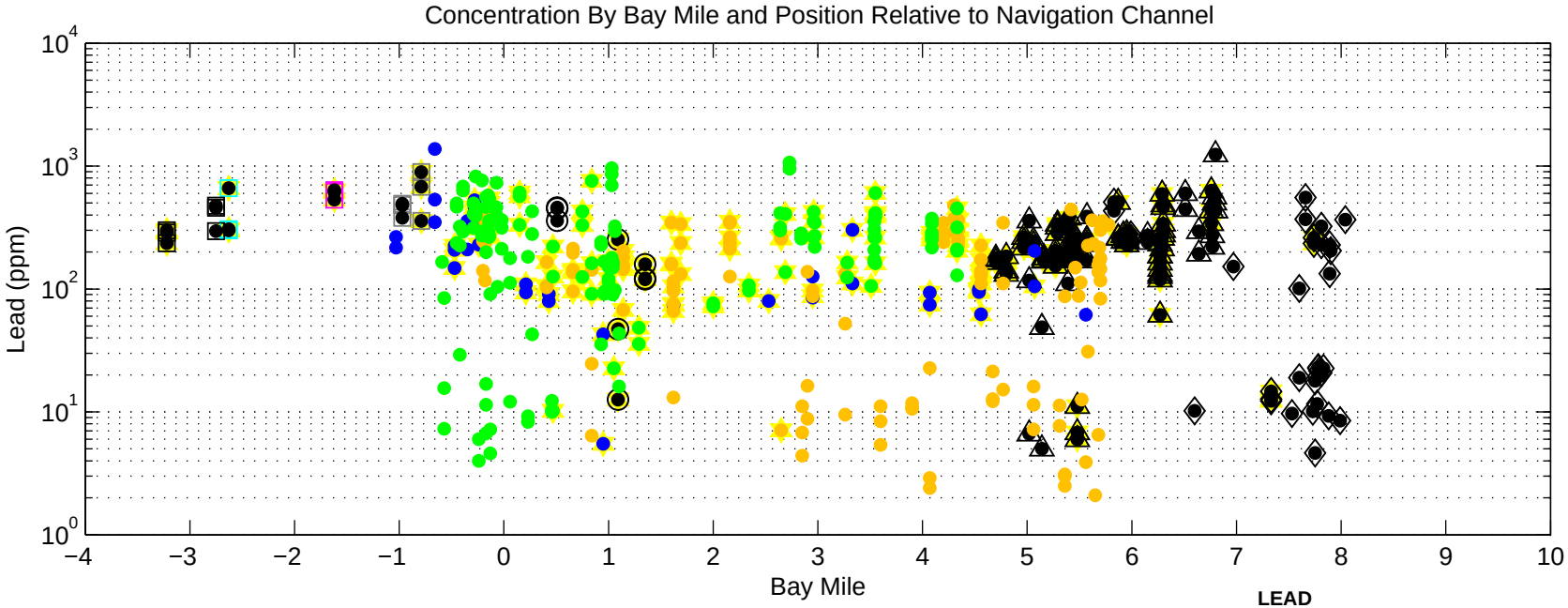
COPPER
SUBSURFACE (>3.5 FT BSS)
FIGURE H−6c



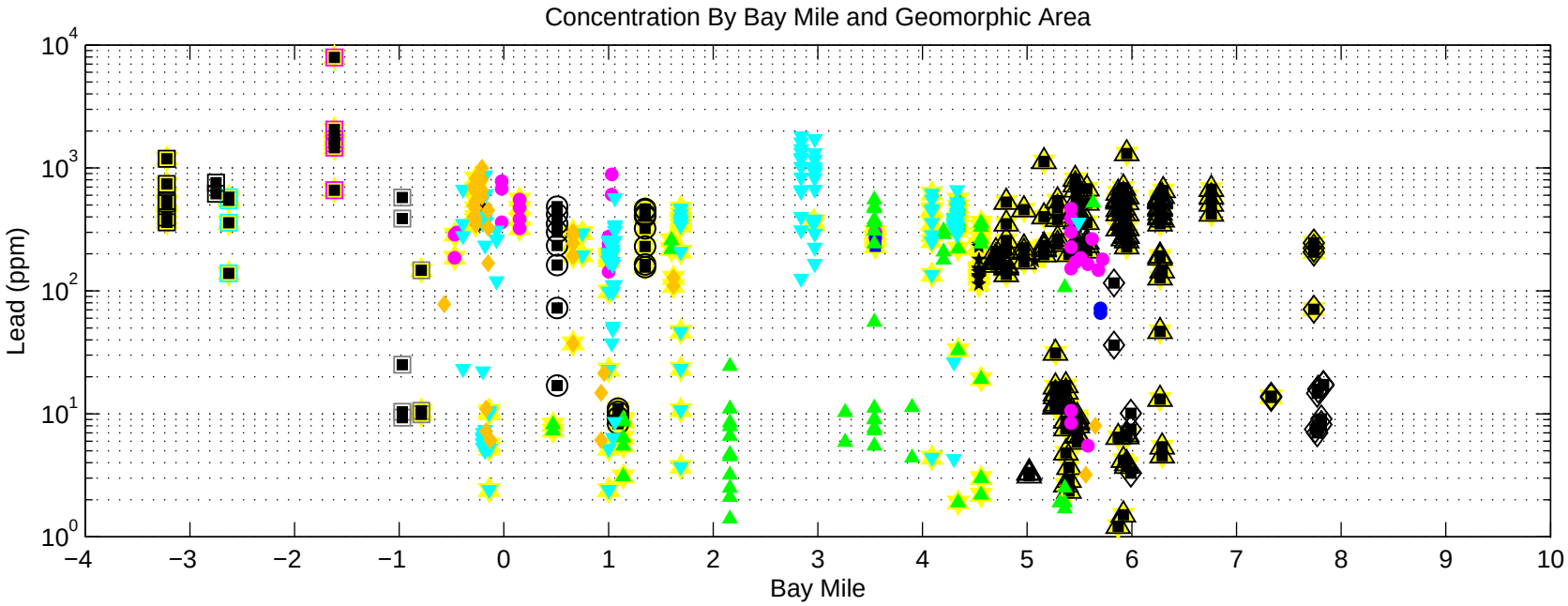


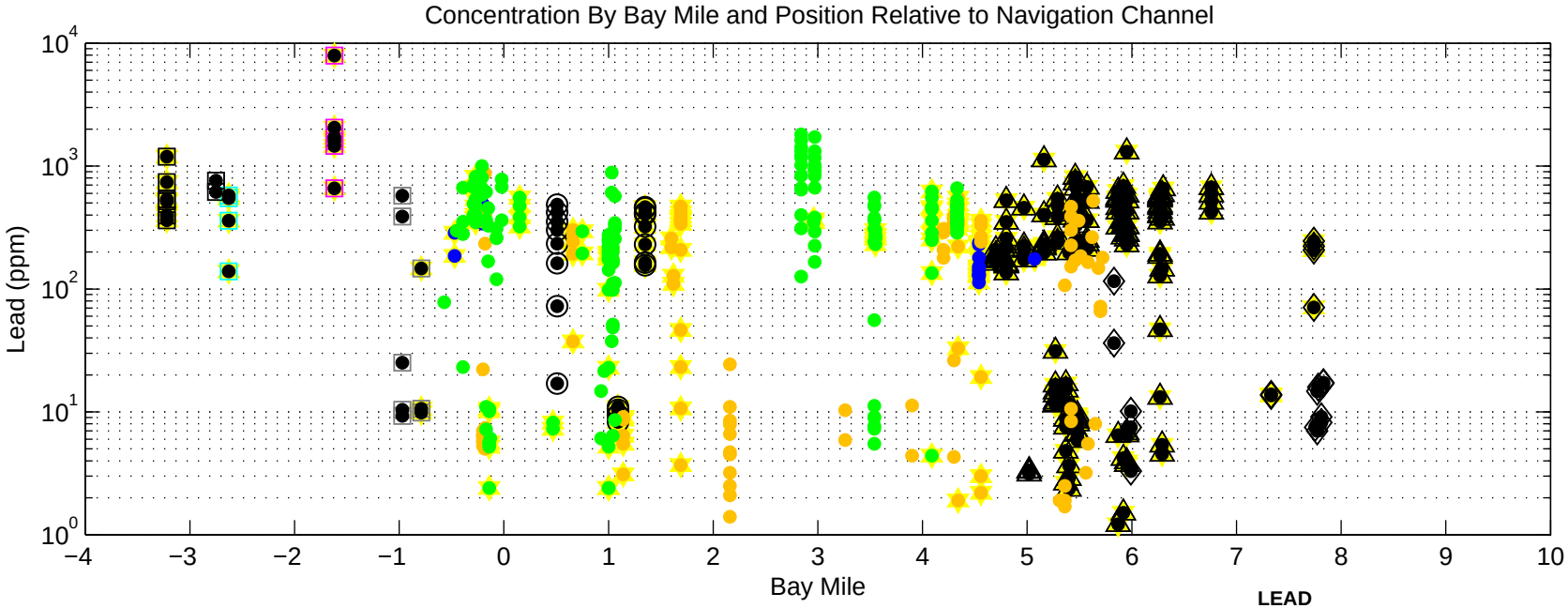
LEAD
SURFACE (0 − 0.5 FT BSS)
FIGURE H−7a



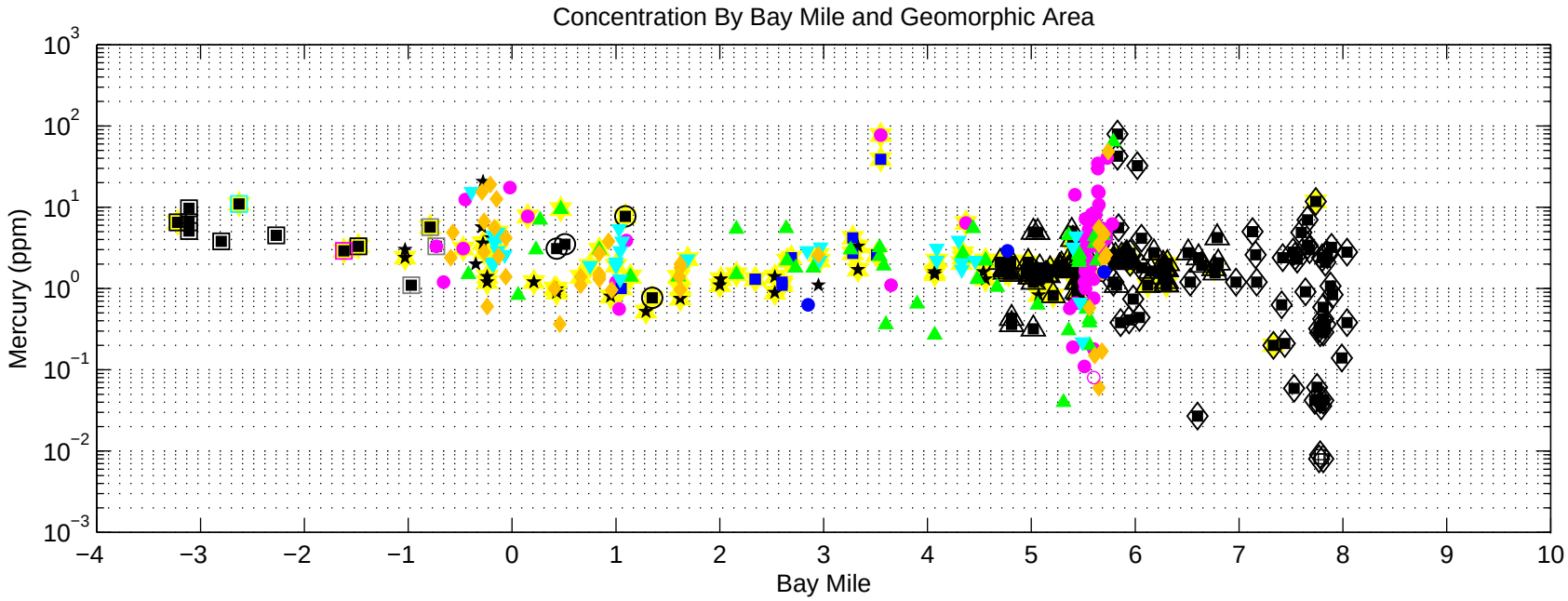


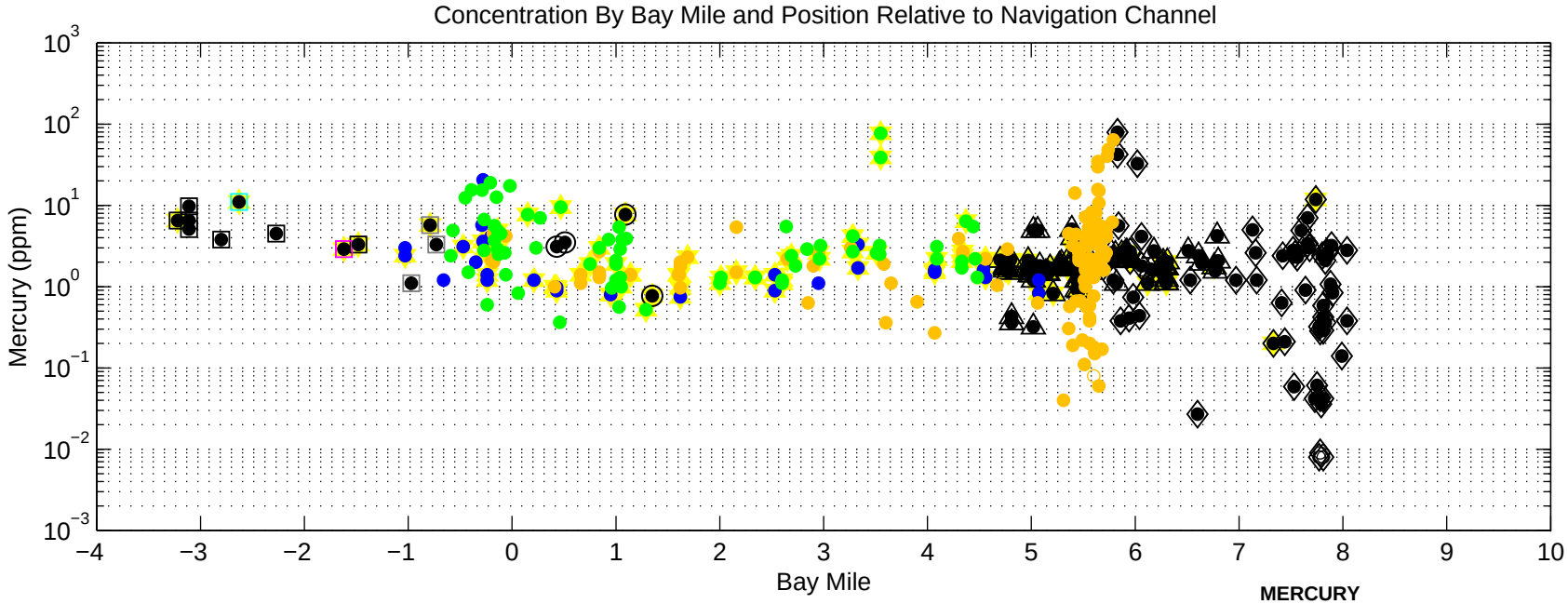
LEAD
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−7b



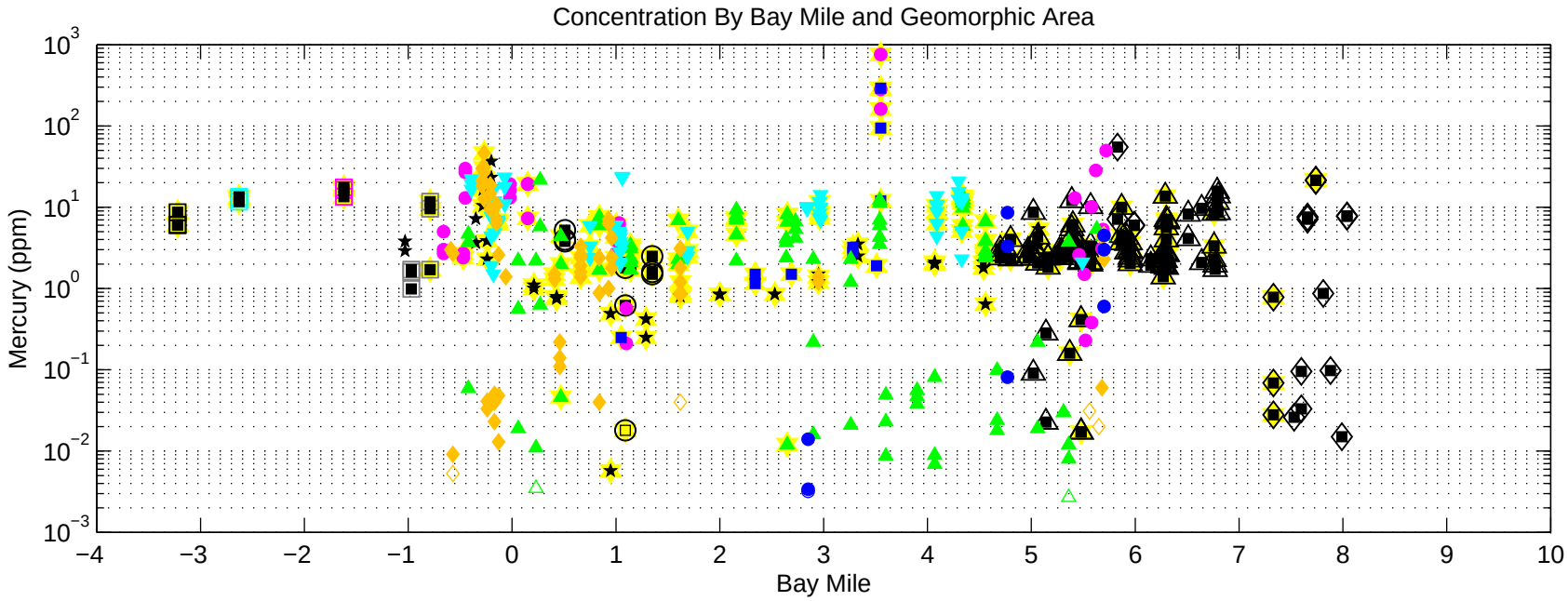


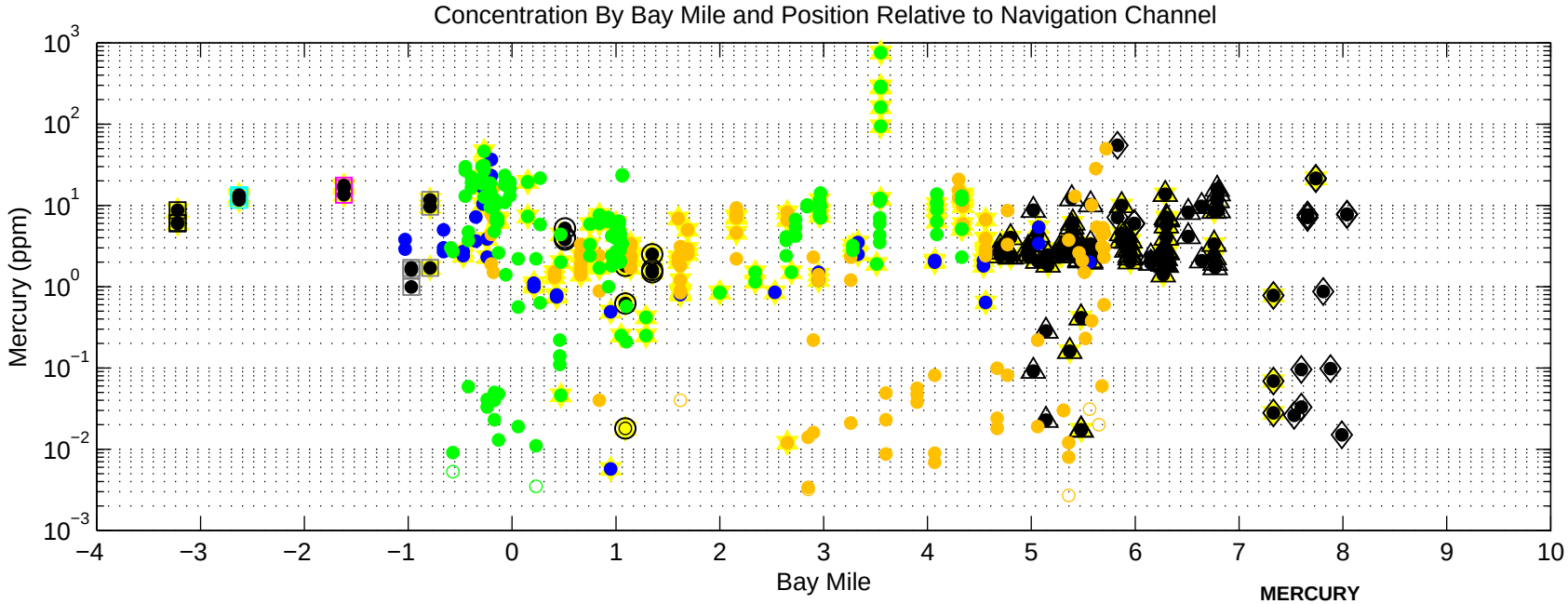
LEAD
SUBSURFACE (>3.5 FT BSS)
FIGURE H−7c



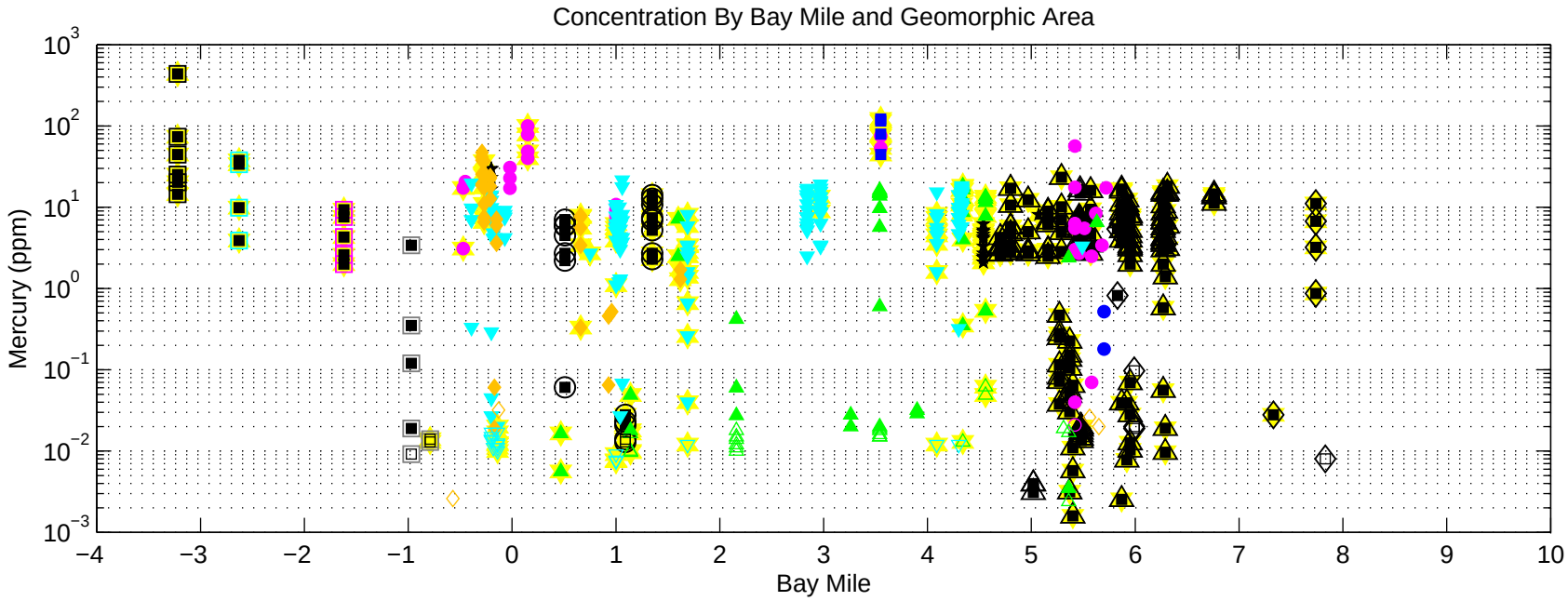


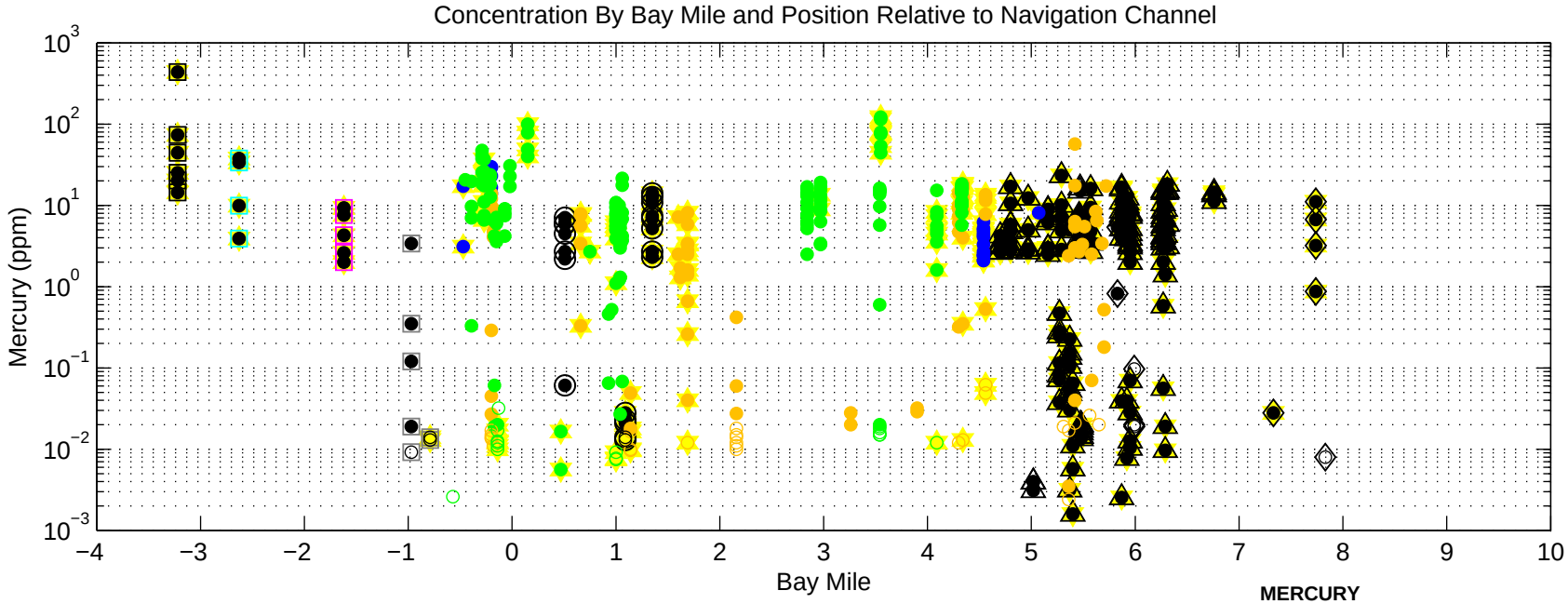
MERCURY
SURFACE (0 − 0.5 FT BSS)
FIGURE H−8a



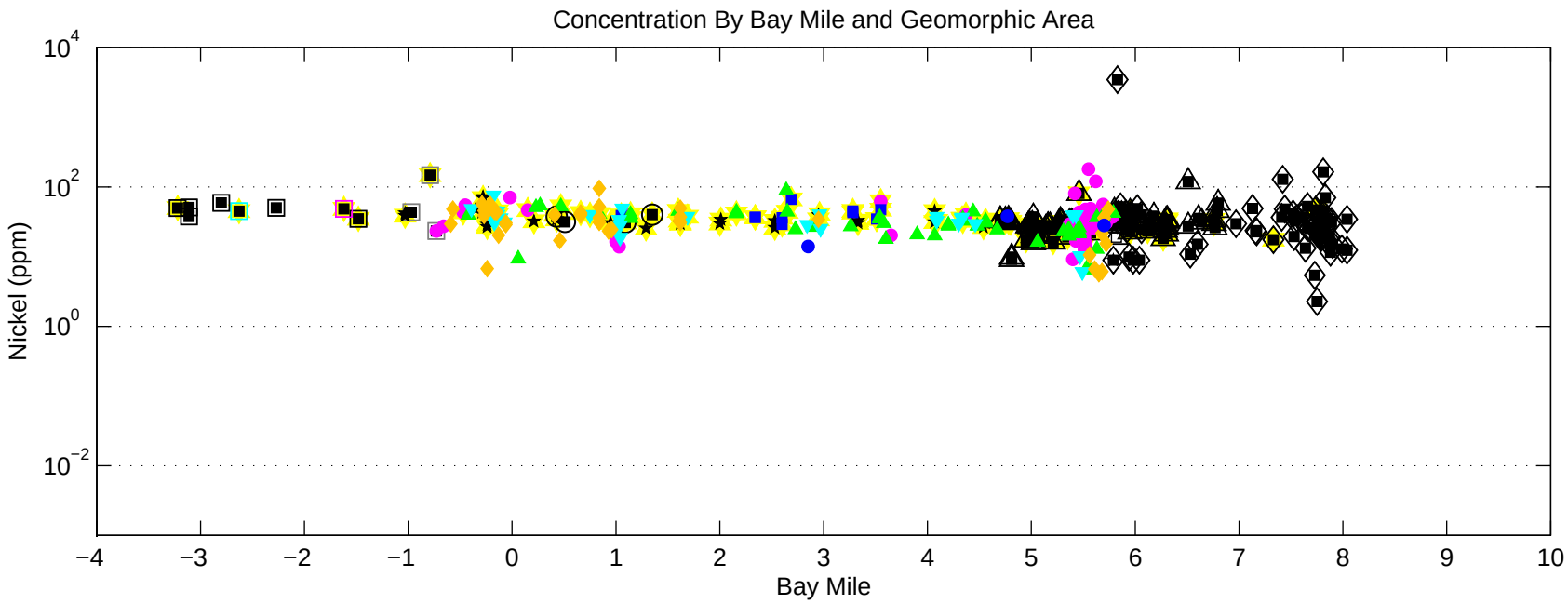


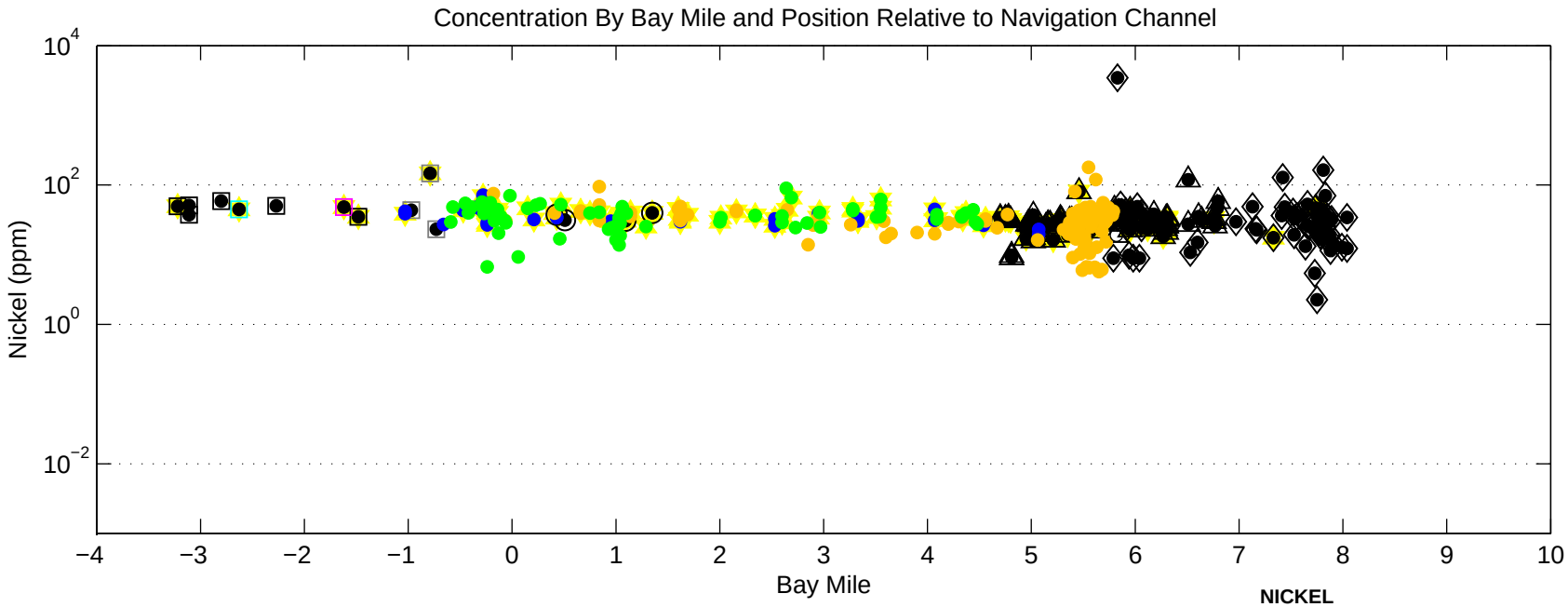
MERCURY
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−8b



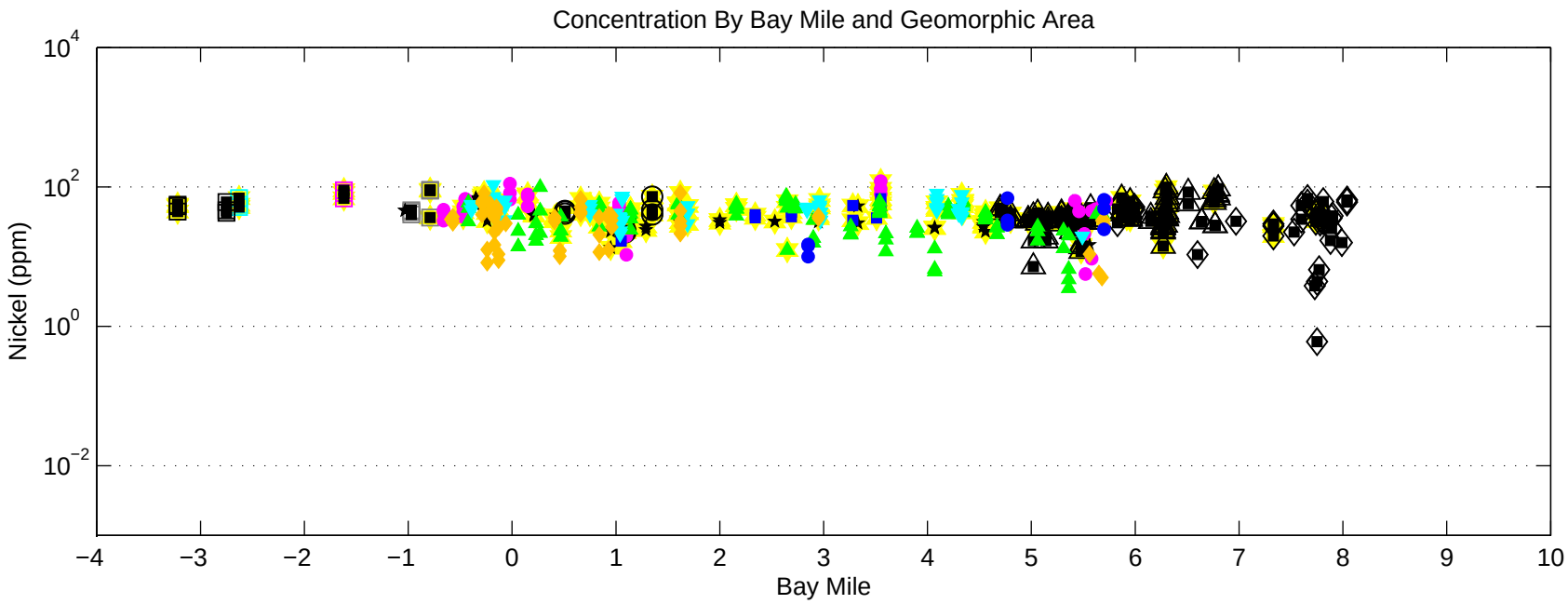


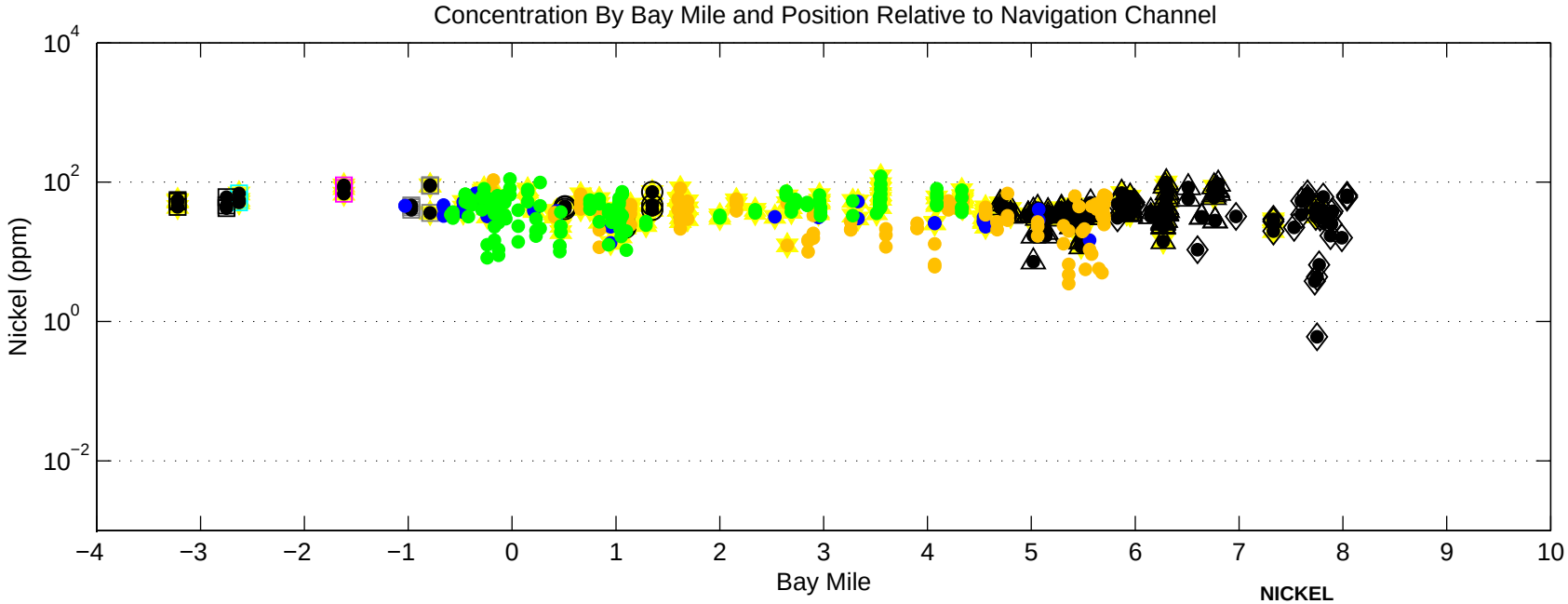
MERCURY
SUBSURFACE (>3.5 FT BSS)
FIGURE H−8c



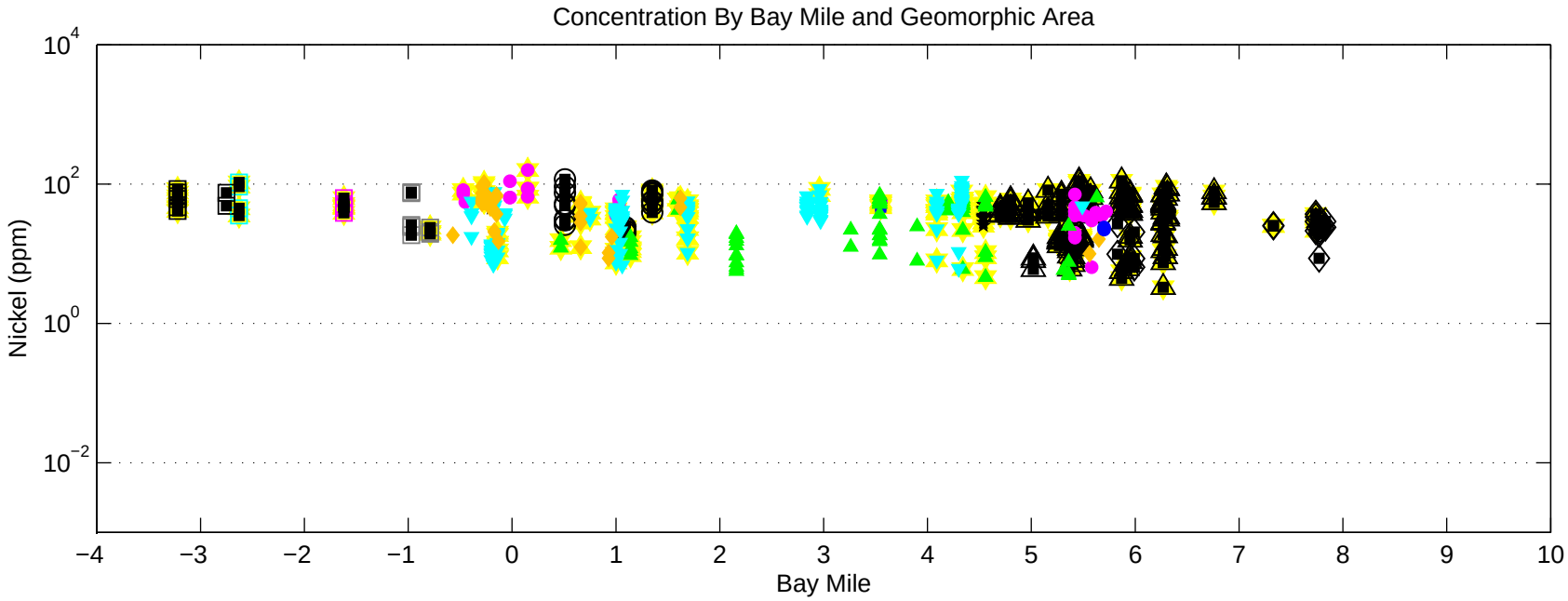


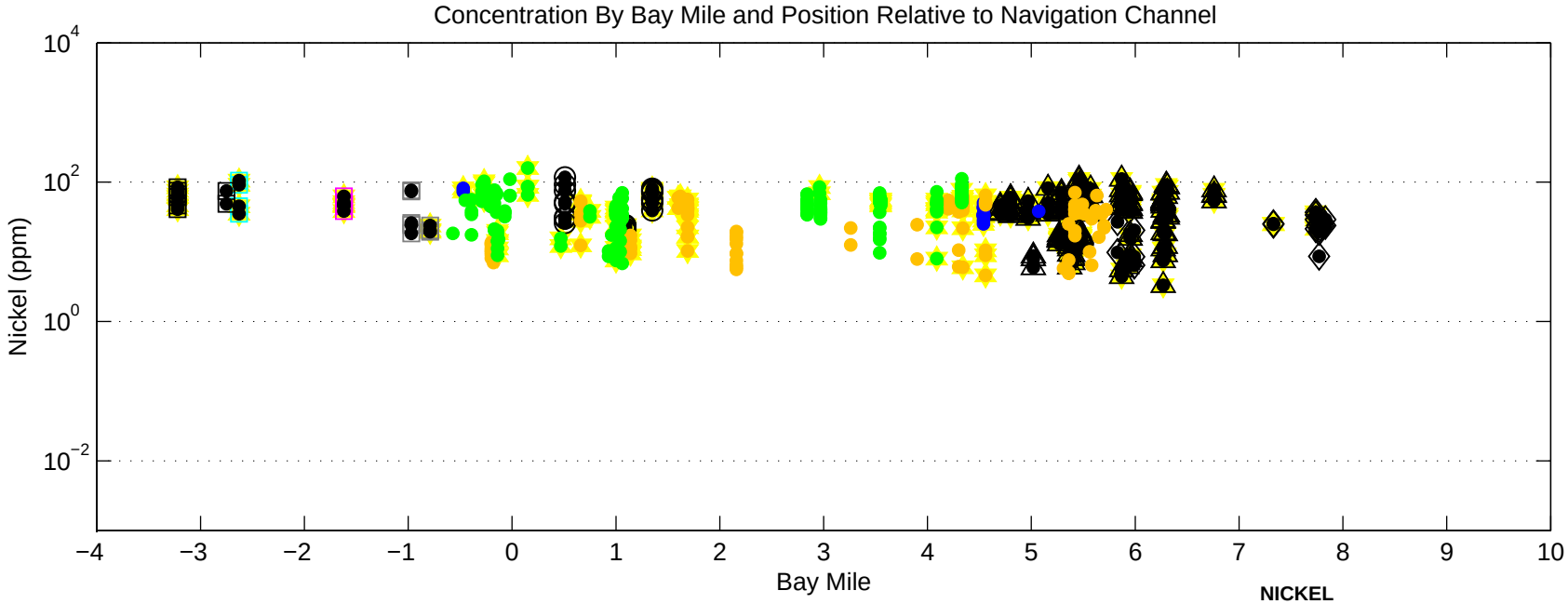
NICKEL
SURFACE (0 − 0.5 FT BSS)
FIGURE H−9a



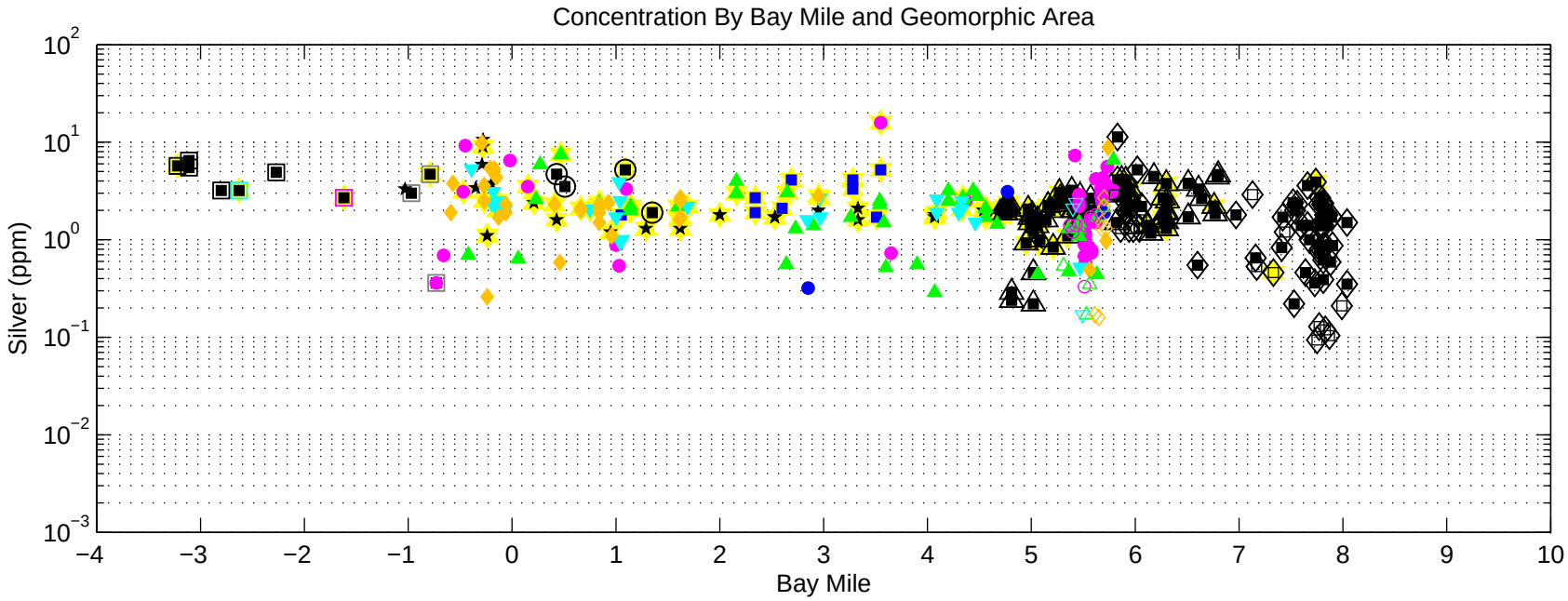


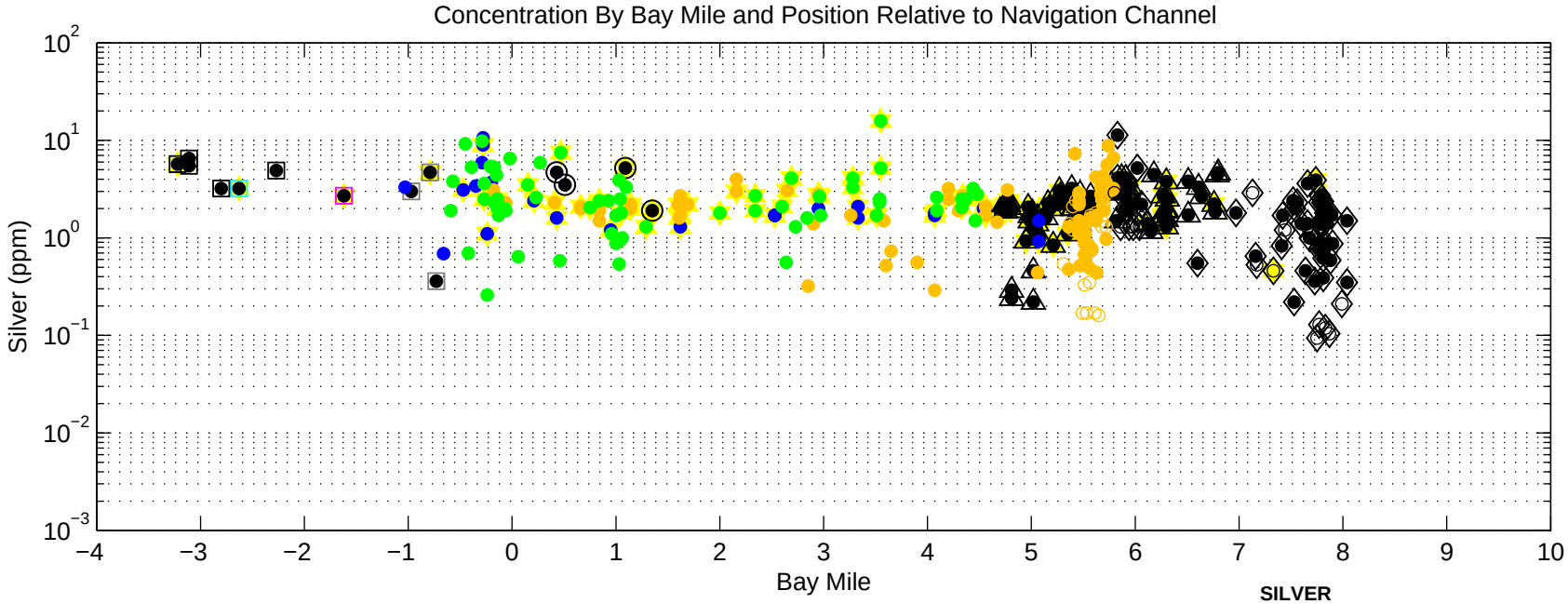
NICKEL
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−9b



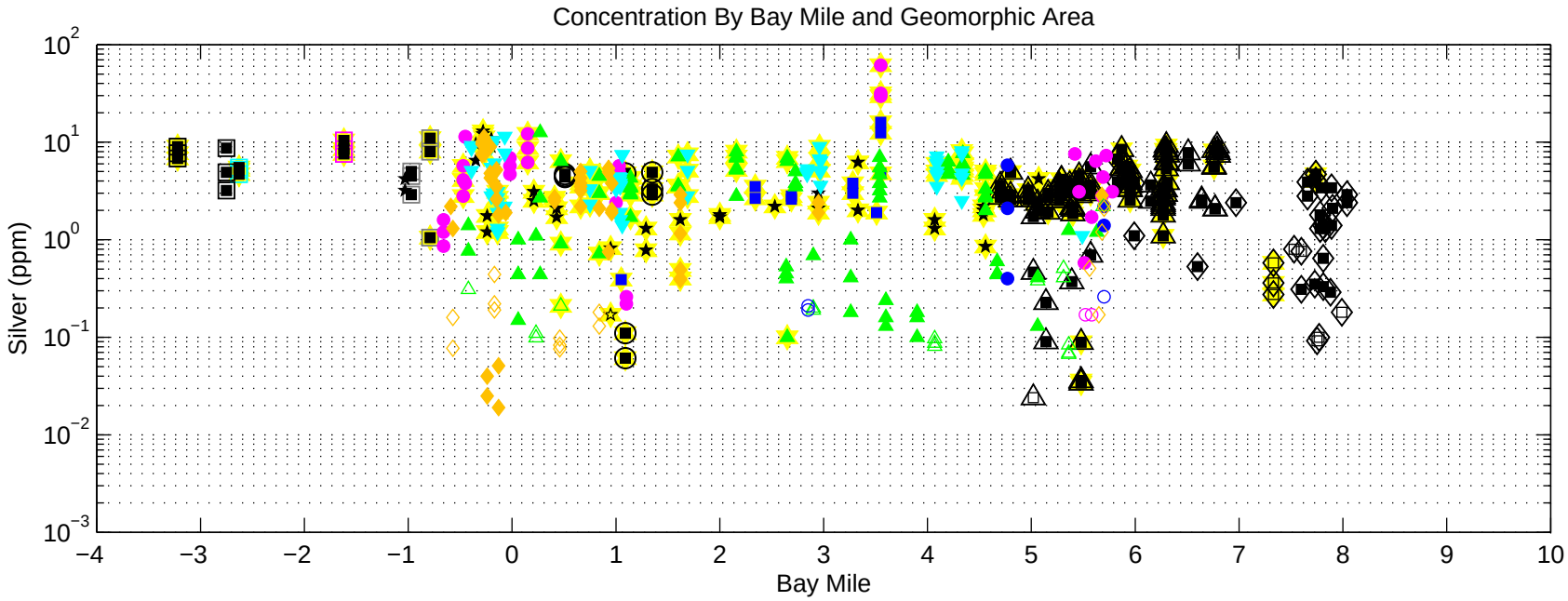


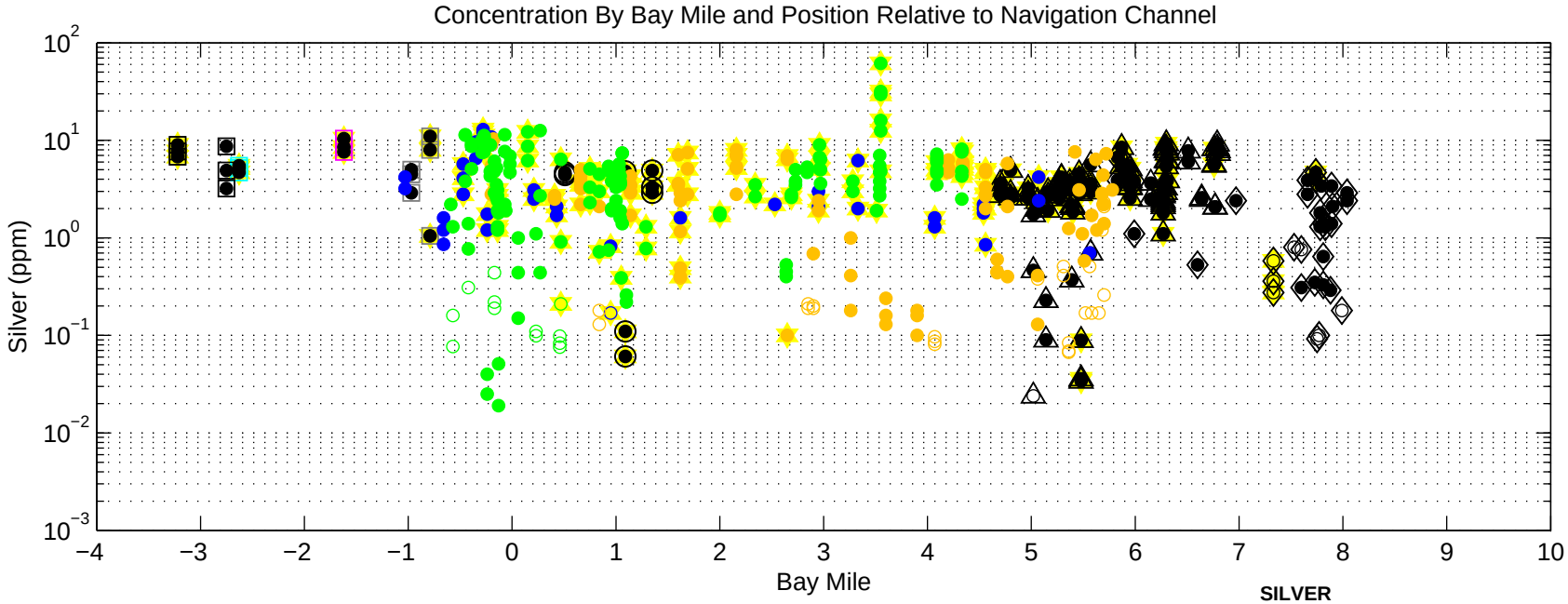
NICKEL
SUBSURFACE (>3.5 FT BSS)
FIGURE H−9c



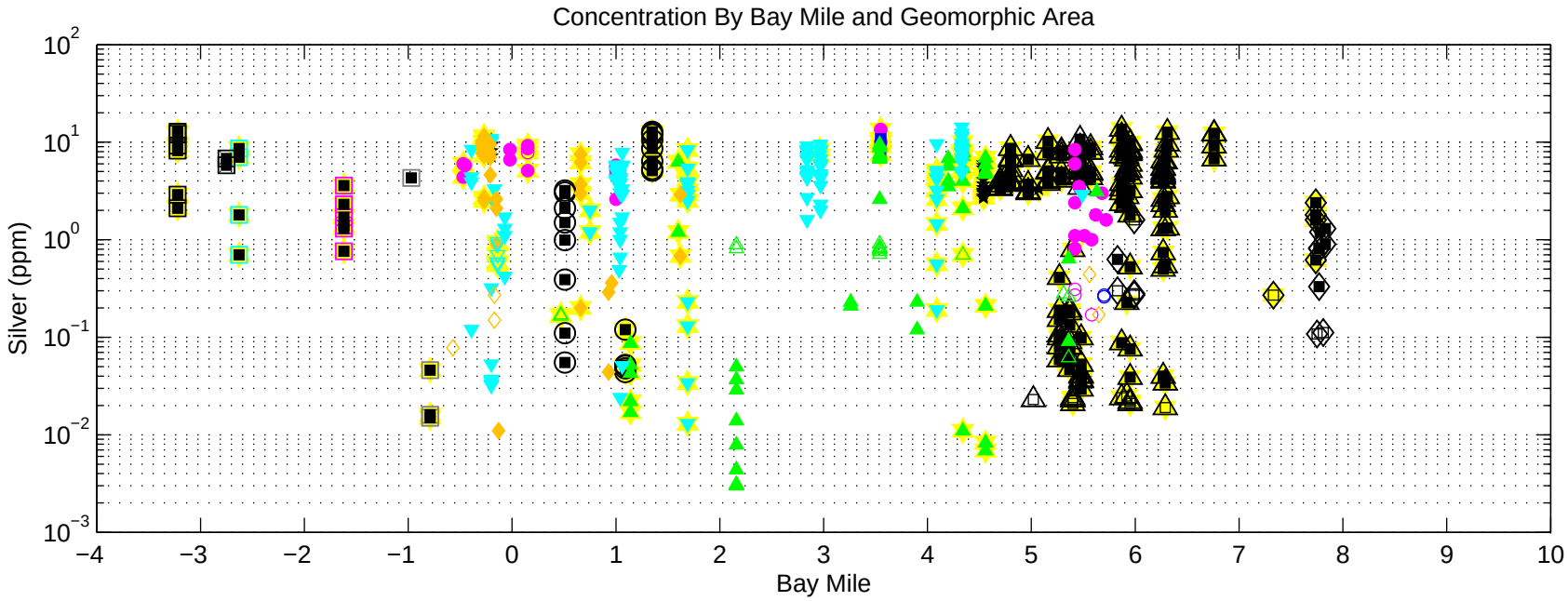


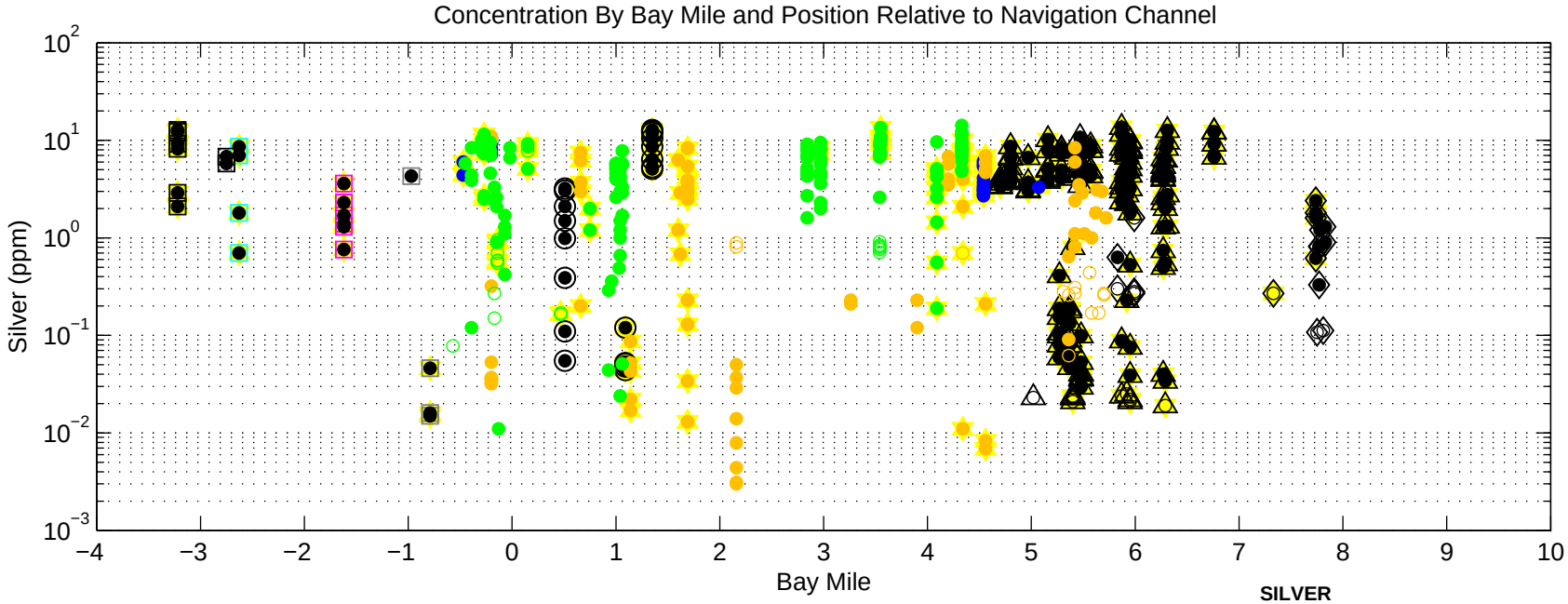
SILVER
SURFACE (0 − 0.5 FT BSS)
FIGURE H−10a



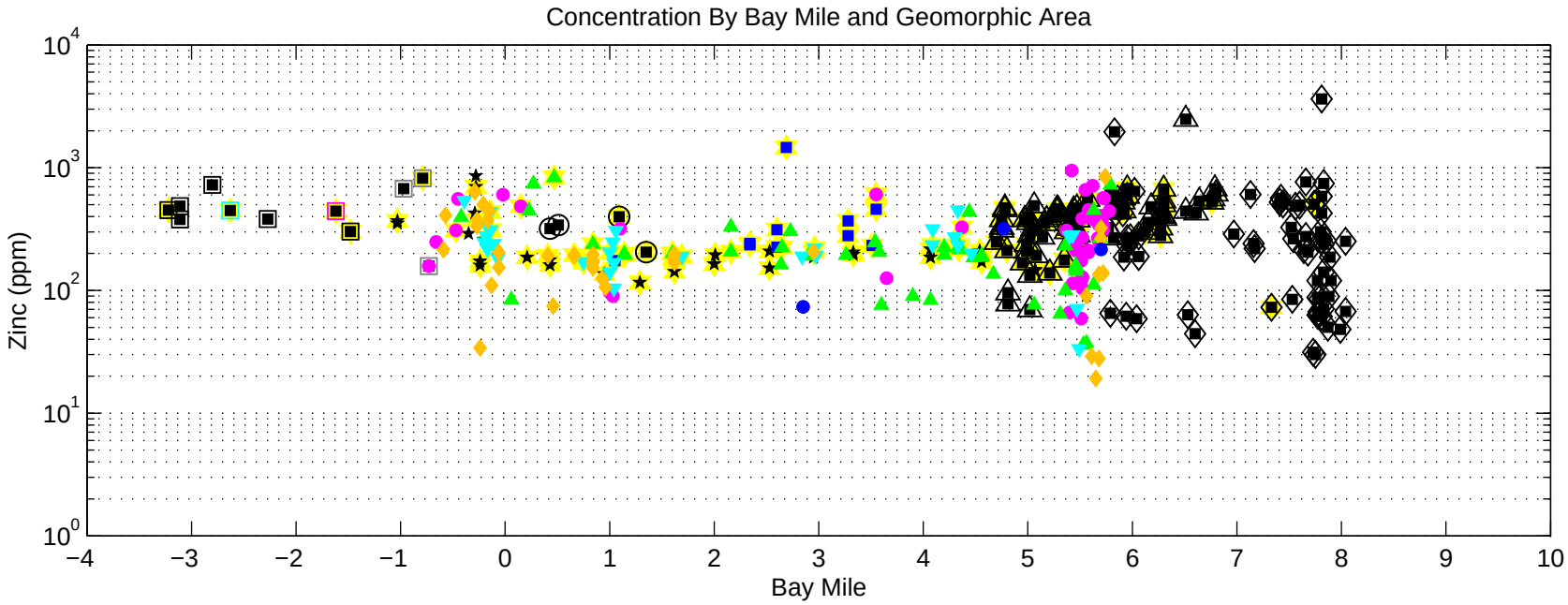


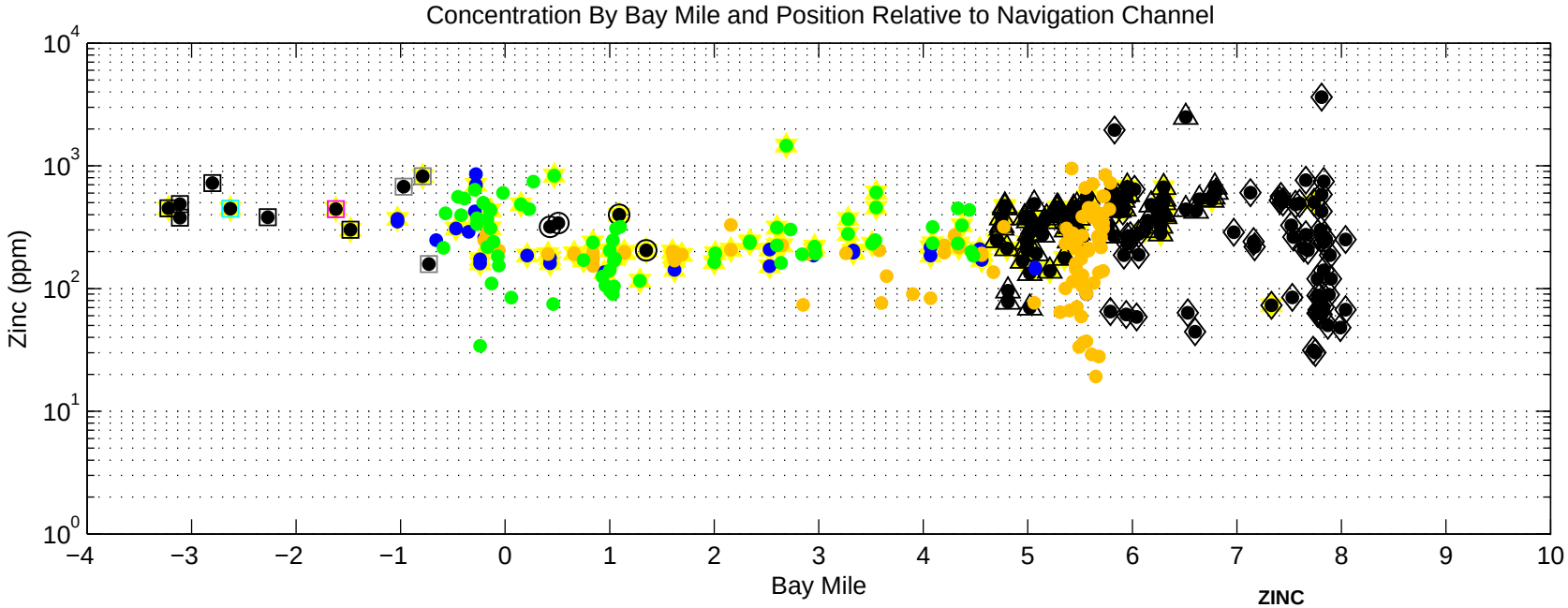
SILVER
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−10b



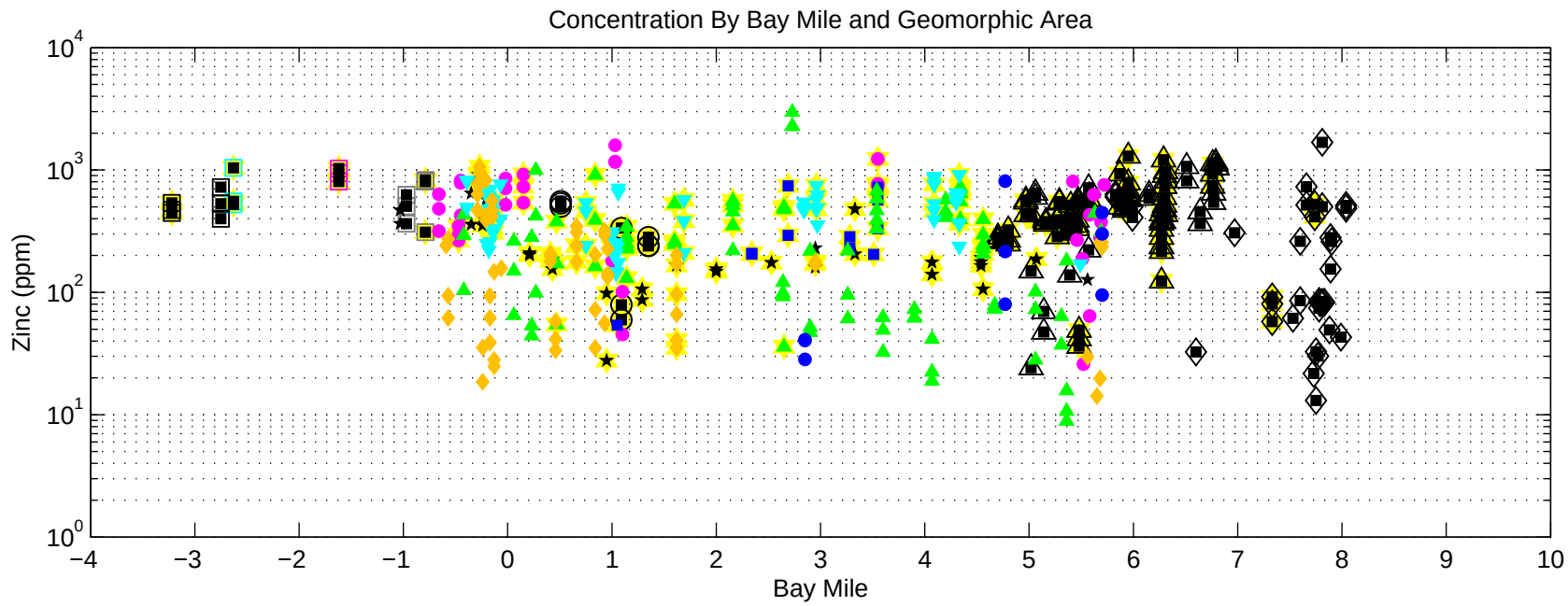


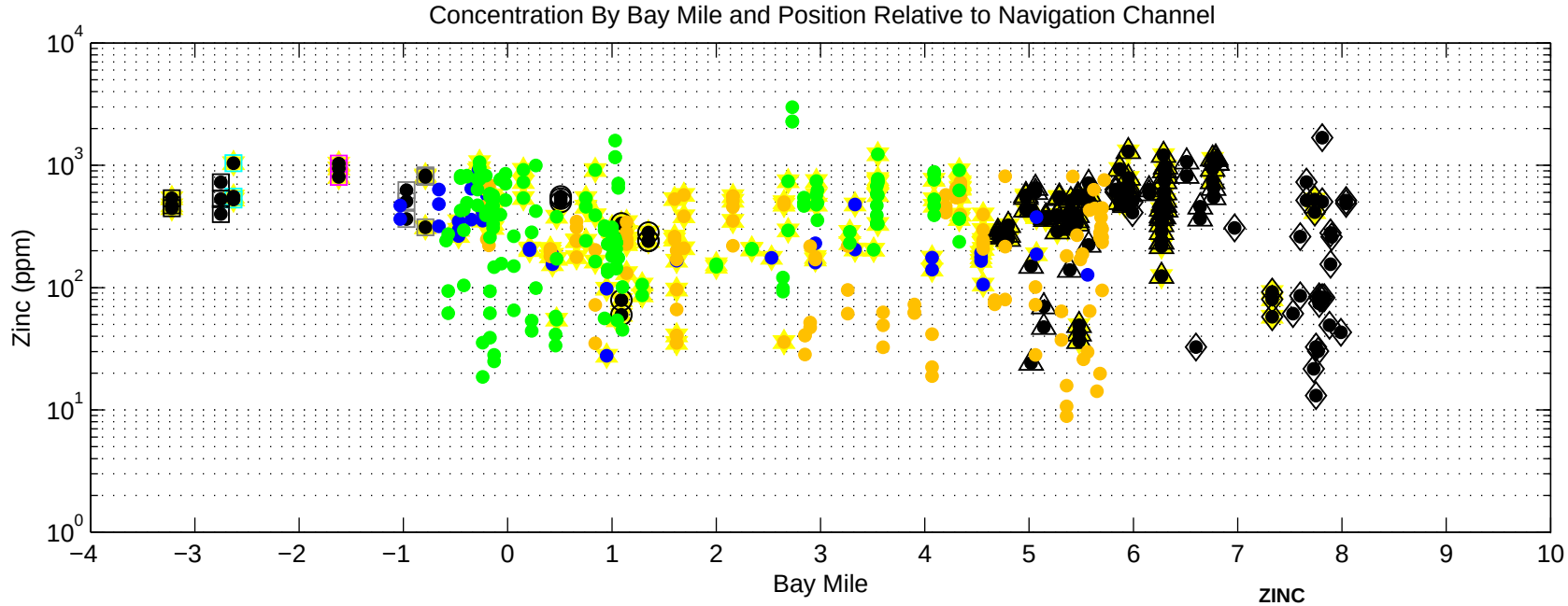
SILVER
SUBSURFACE (>3.5 FT BSS)
FIGURE H−10c



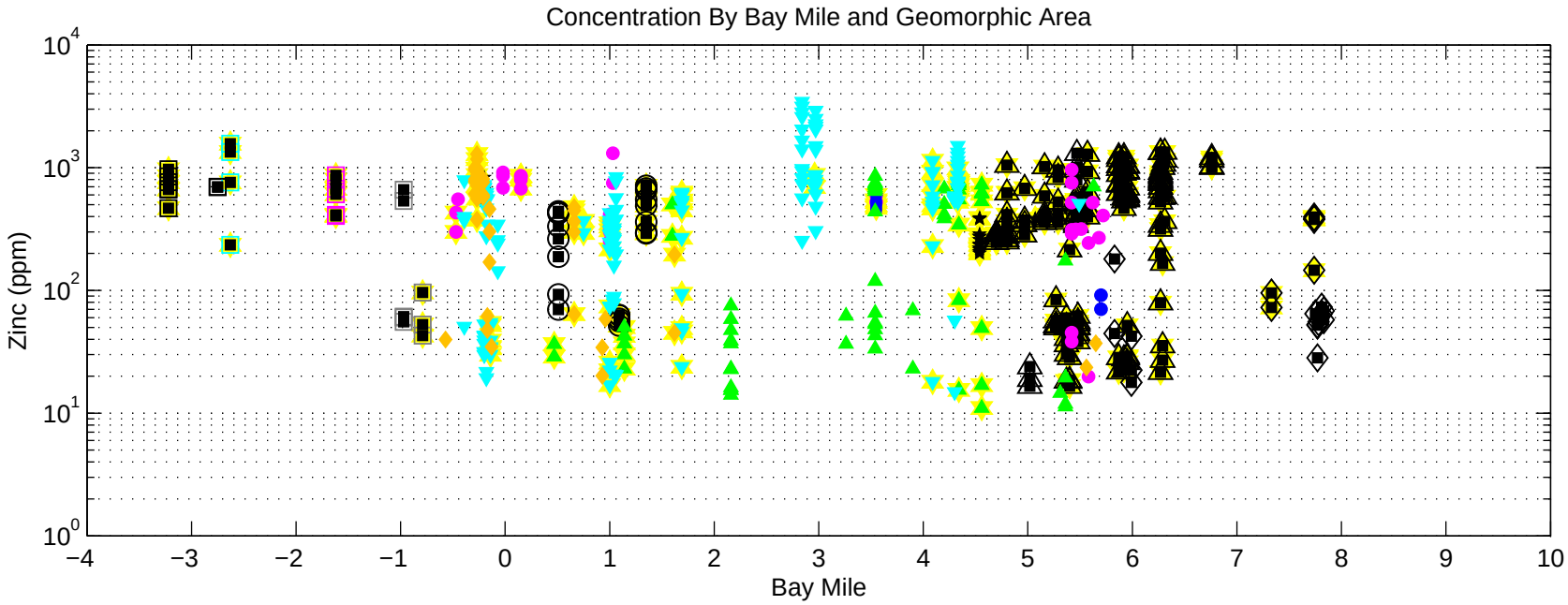


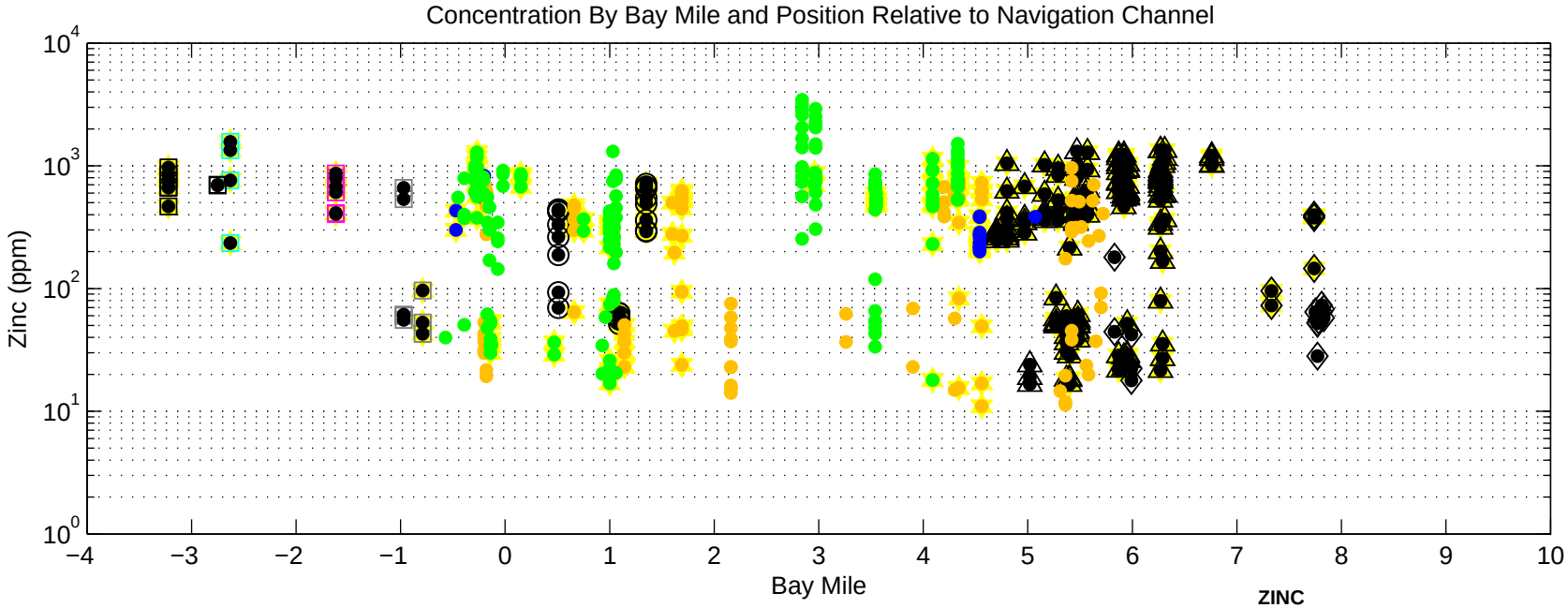
ZINC
SURFACE (0 − 0.5 FT BSS)
FIGURE H−11a



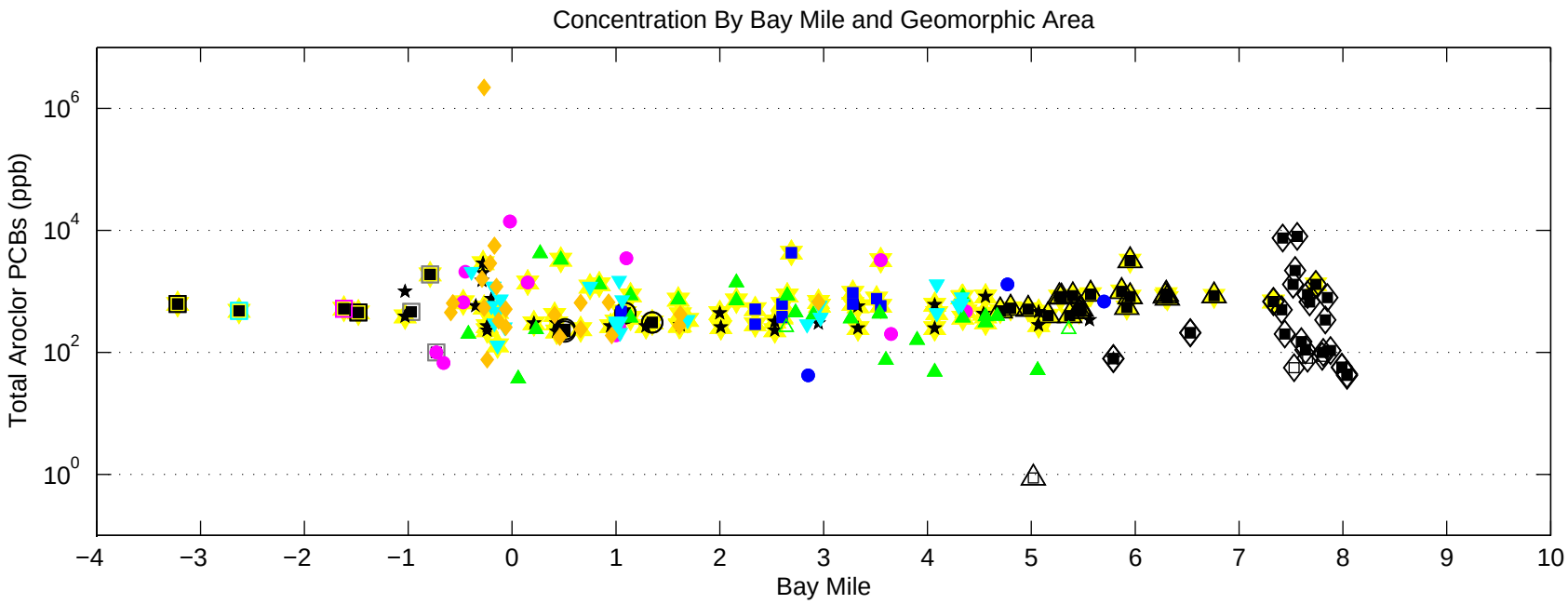


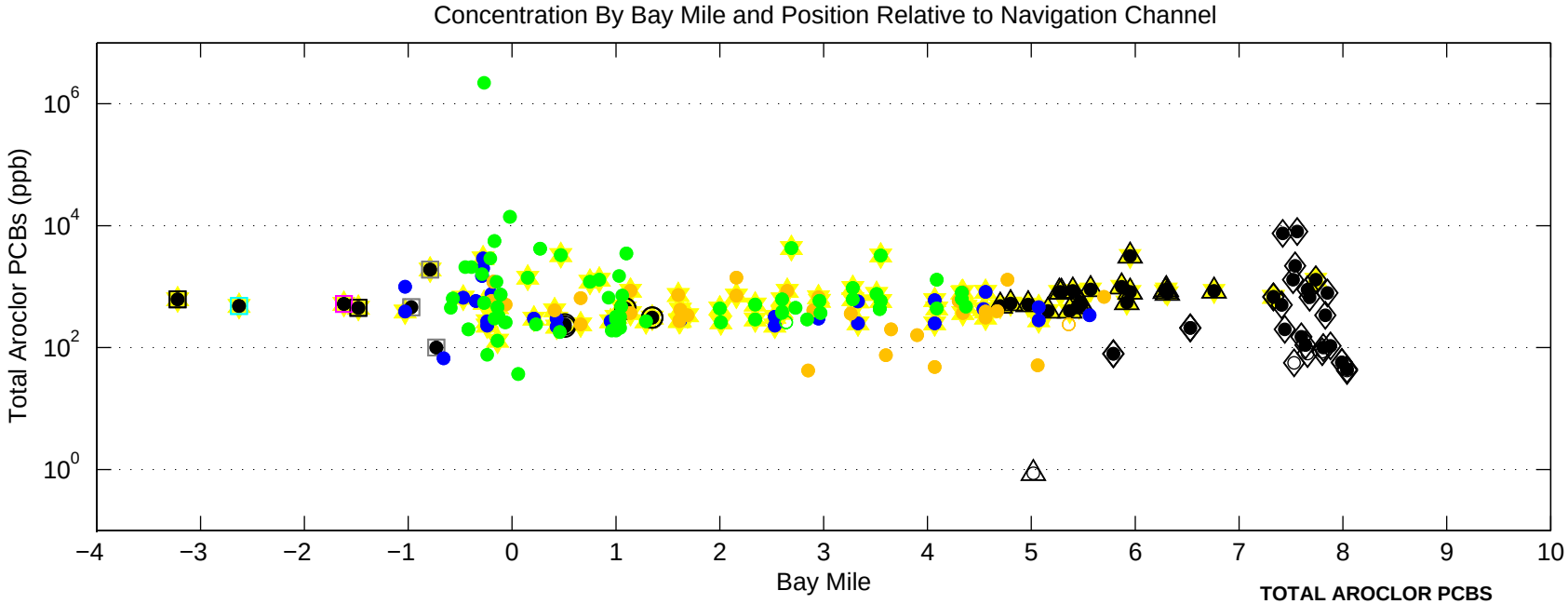
ZINC
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−11b



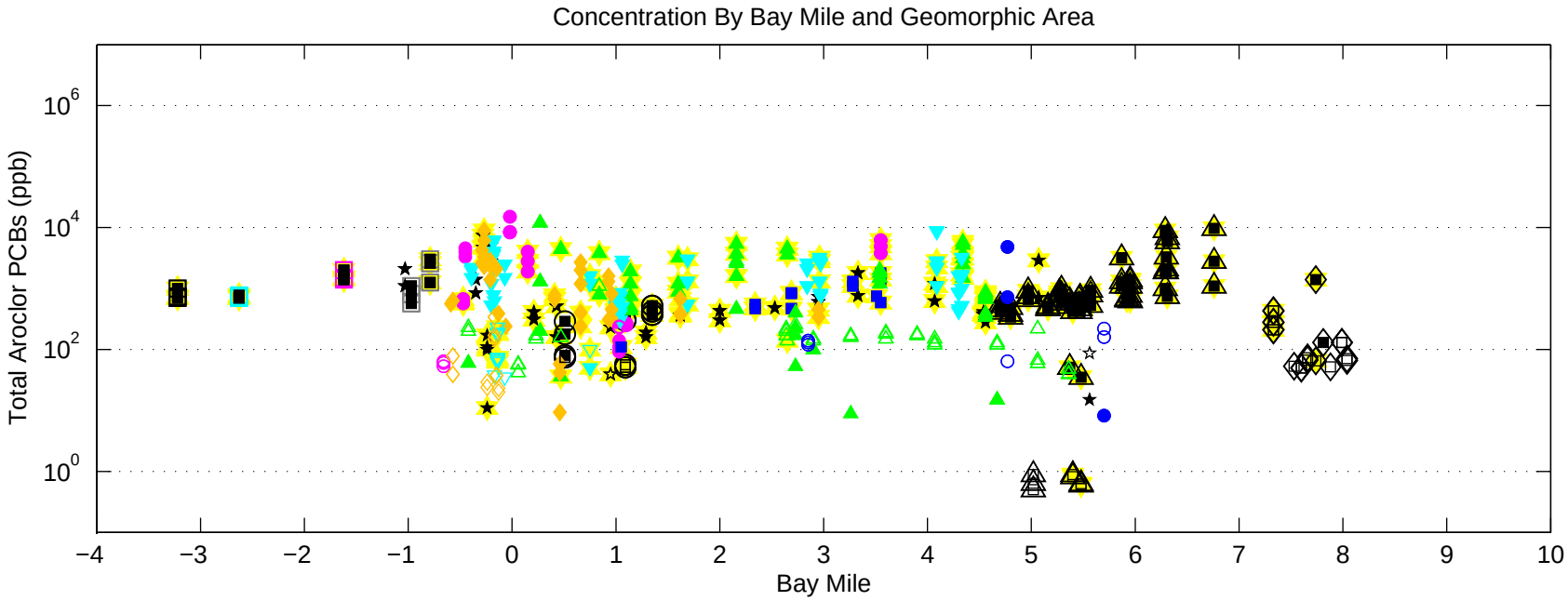


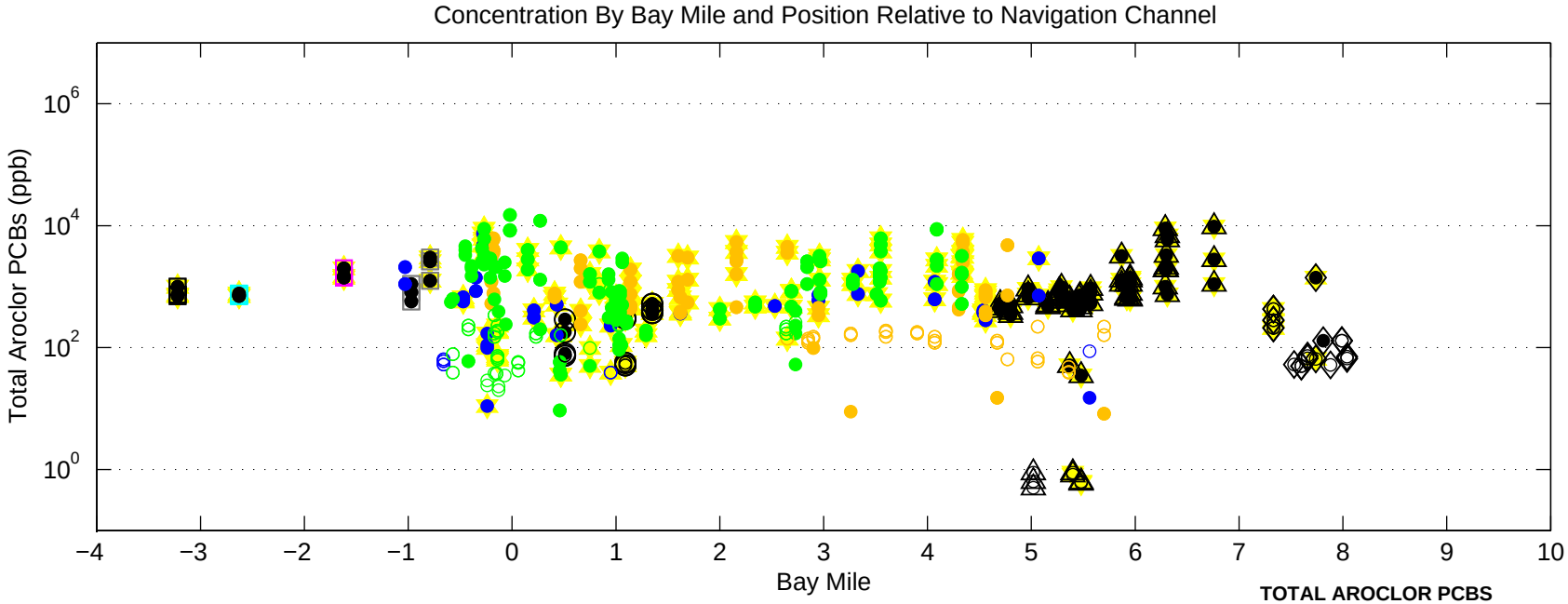
ZINC
SUBSURFACE (>3.5 FT BSS)
FIGURE H−11c



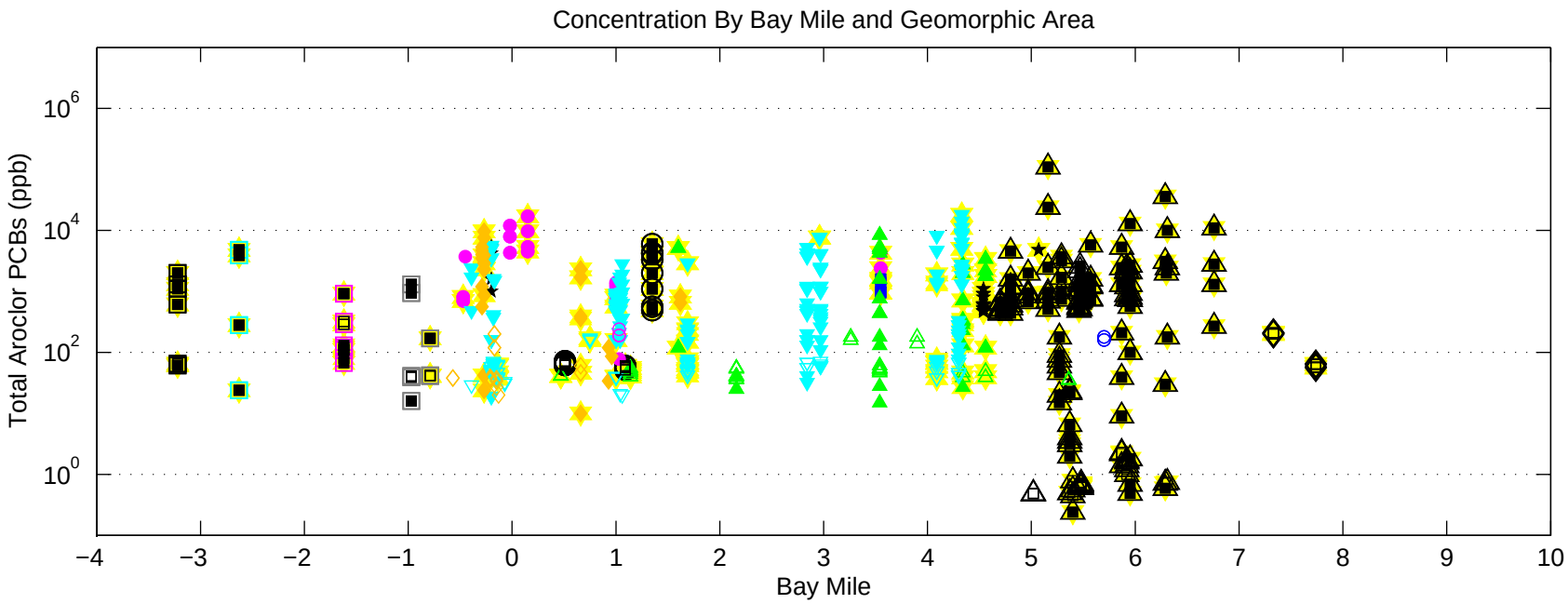


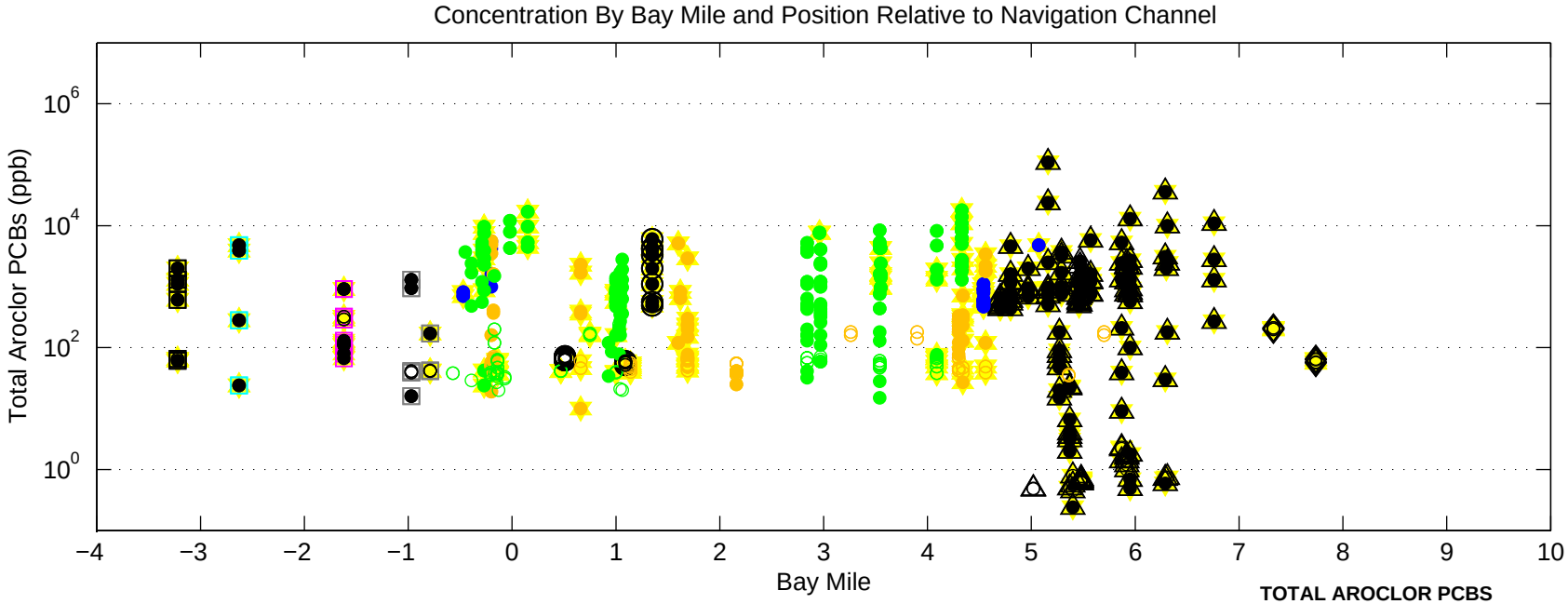
TOTAL AROCLOR PCBS
SURFACE (0 − 0.5 FT BSS)
FIGURE H−12a



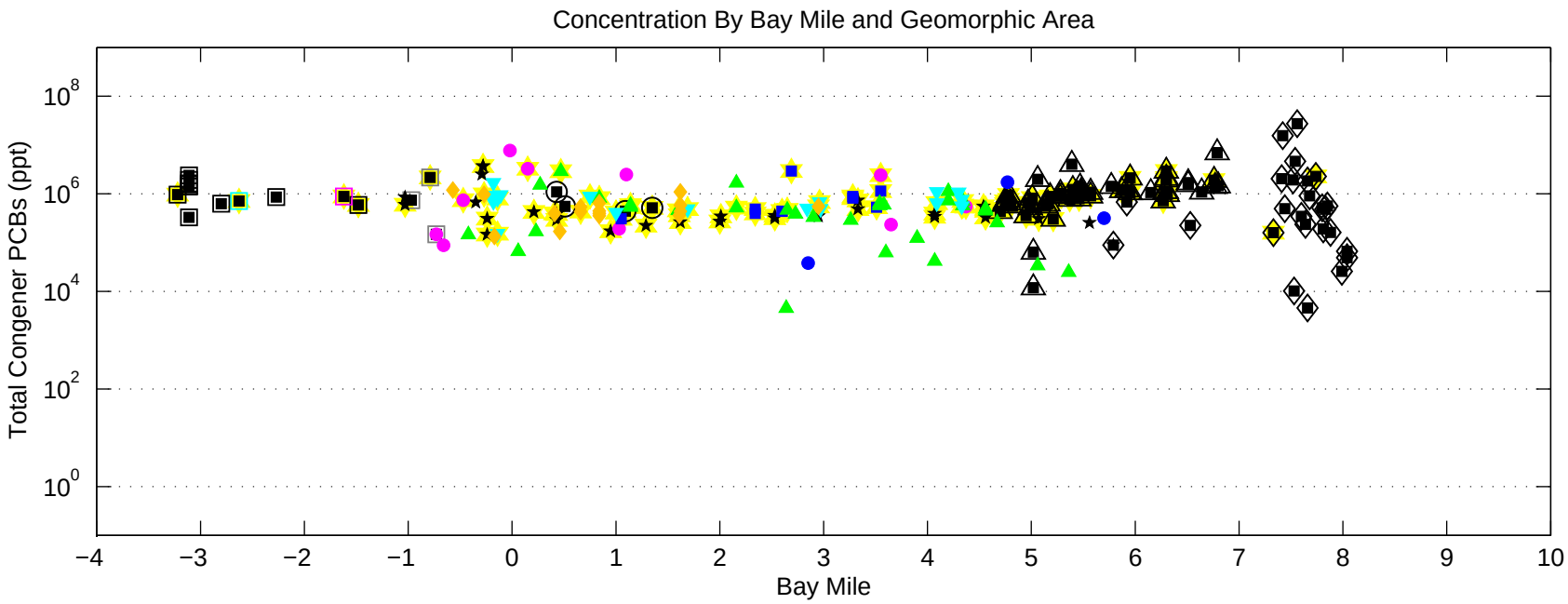


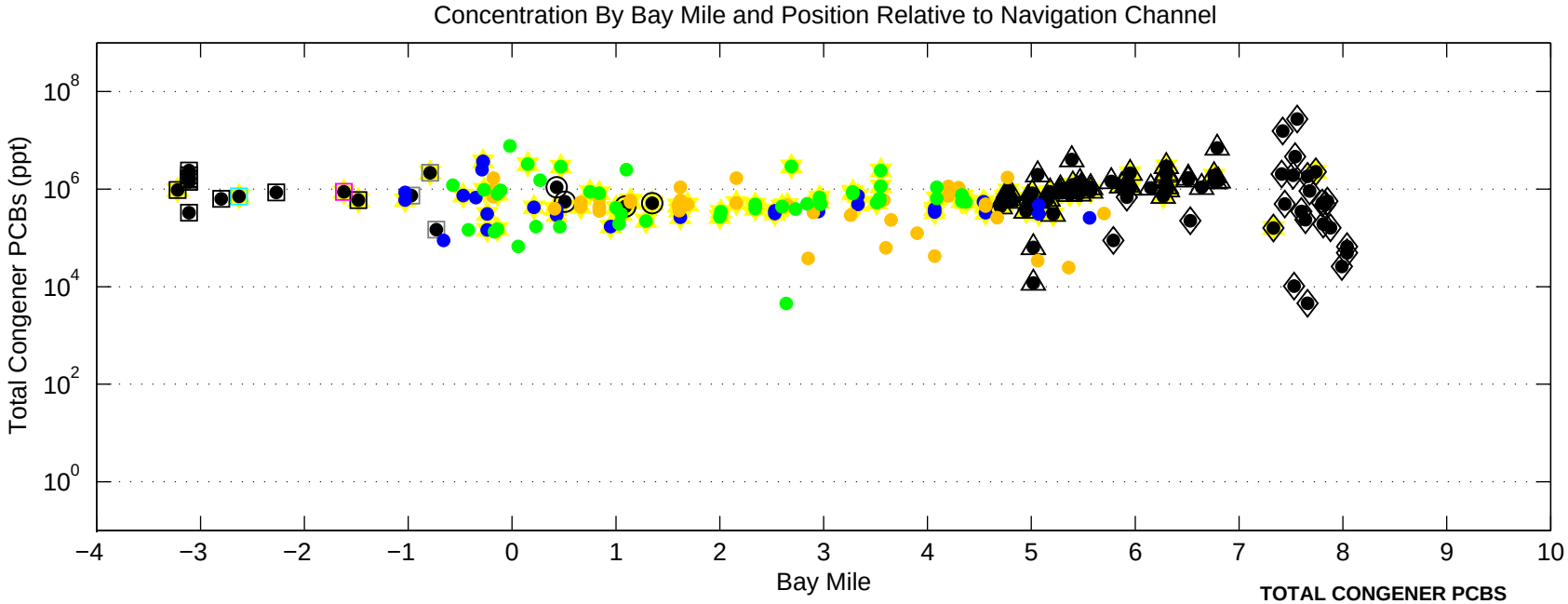
TOTAL AROCLOR PCBS
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−12b



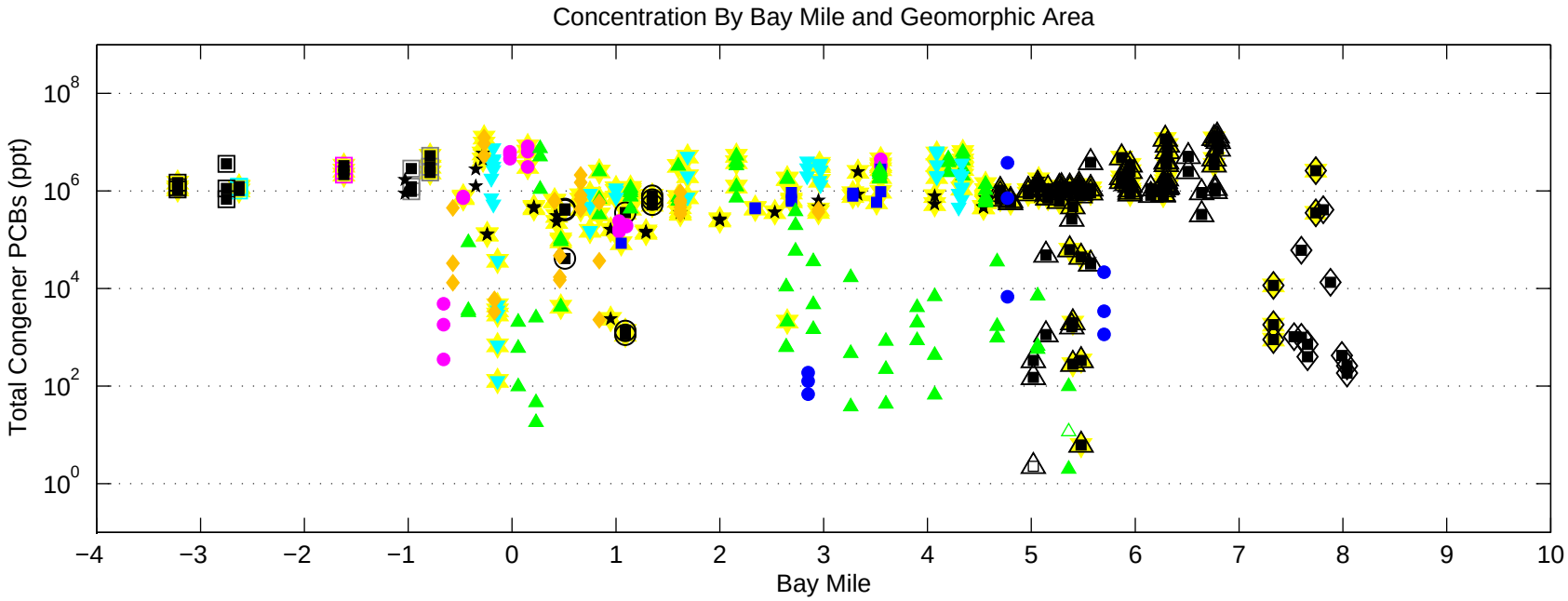


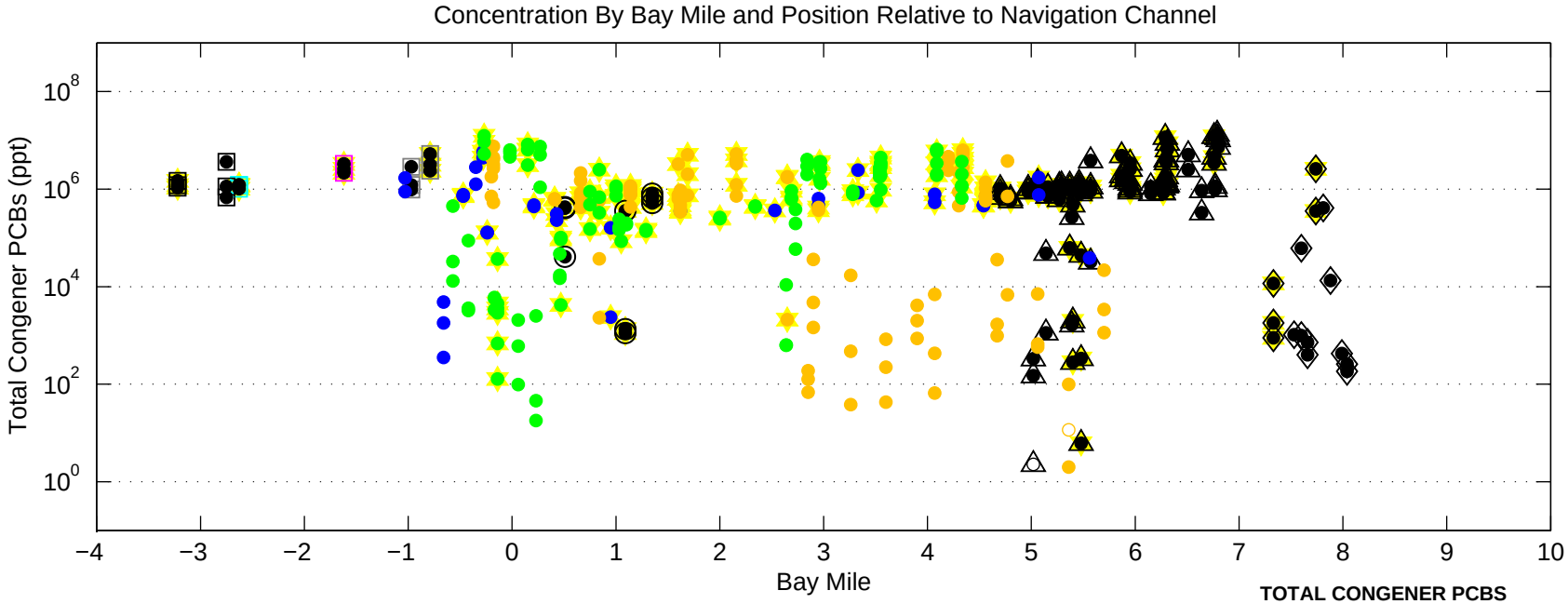
TOTAL AROCLOR PCBS
SUBSURFACE (>3.5 FT BSS)
FIGURE H−12c



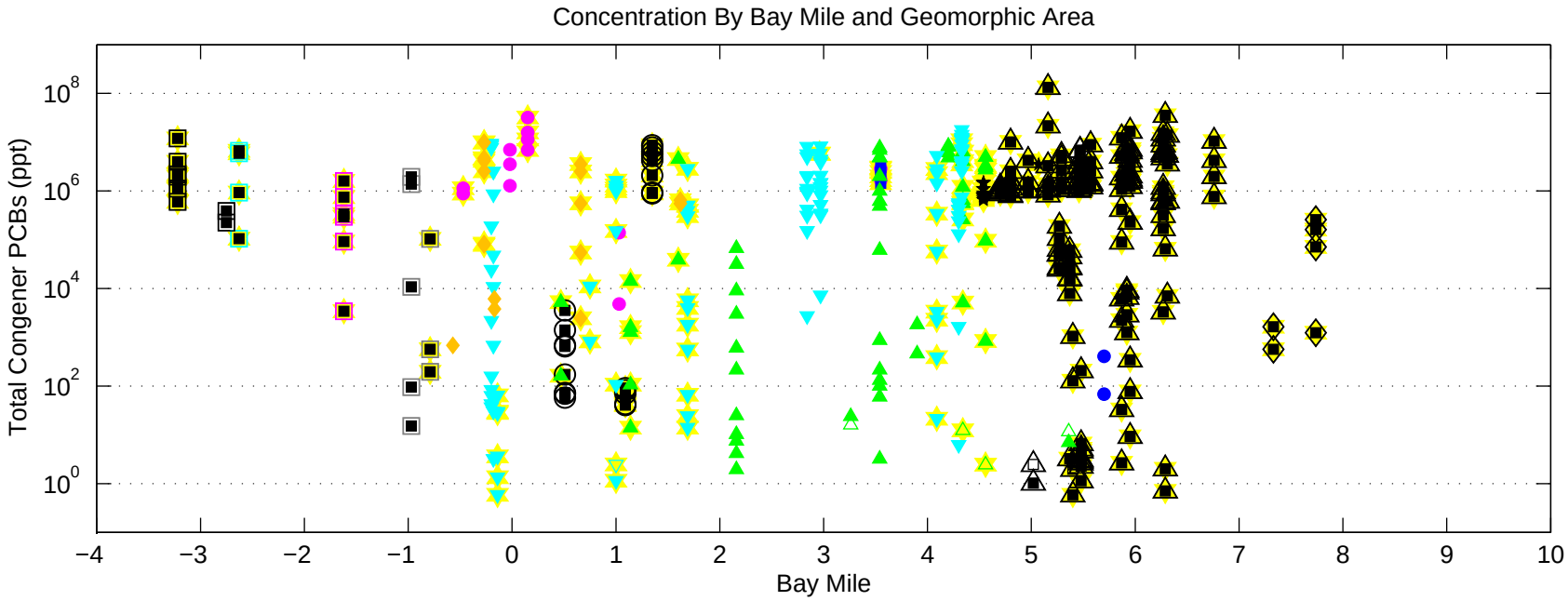


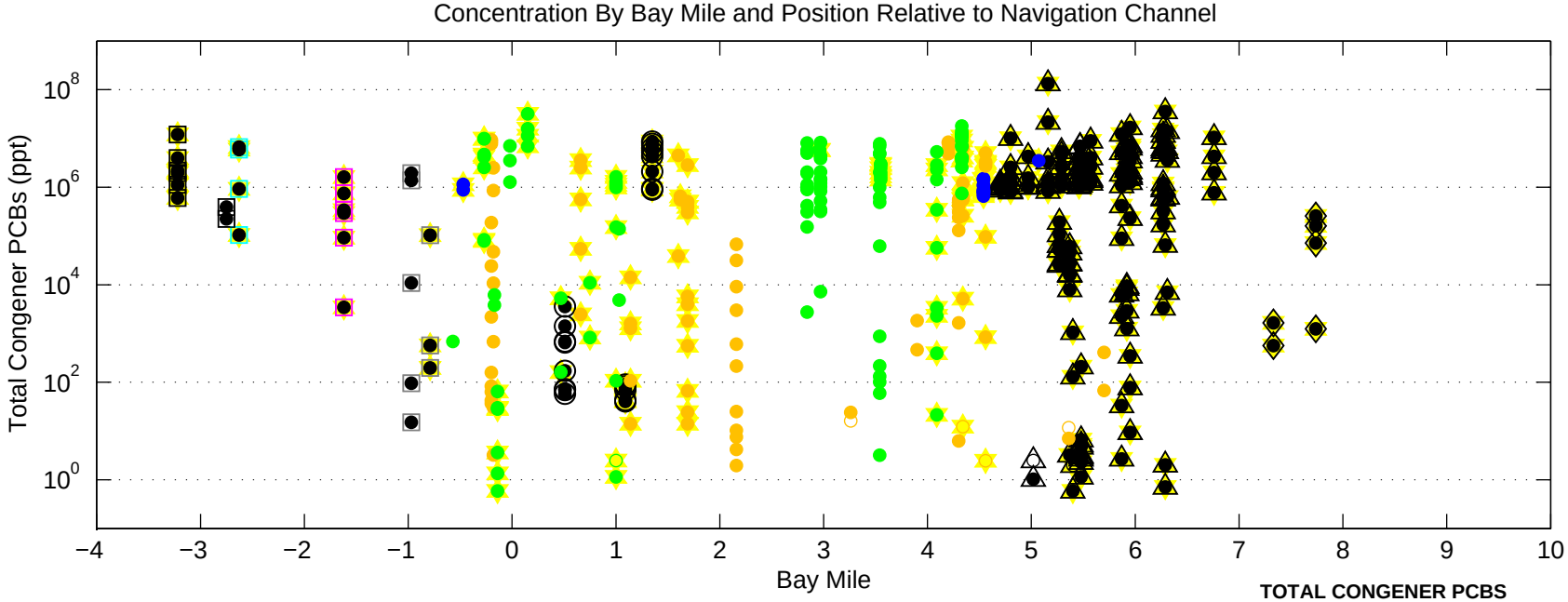
TOTAL CONGENER PCBS
SURFACE (0 − 0.5 FT BSS)
FIGURE H−13a



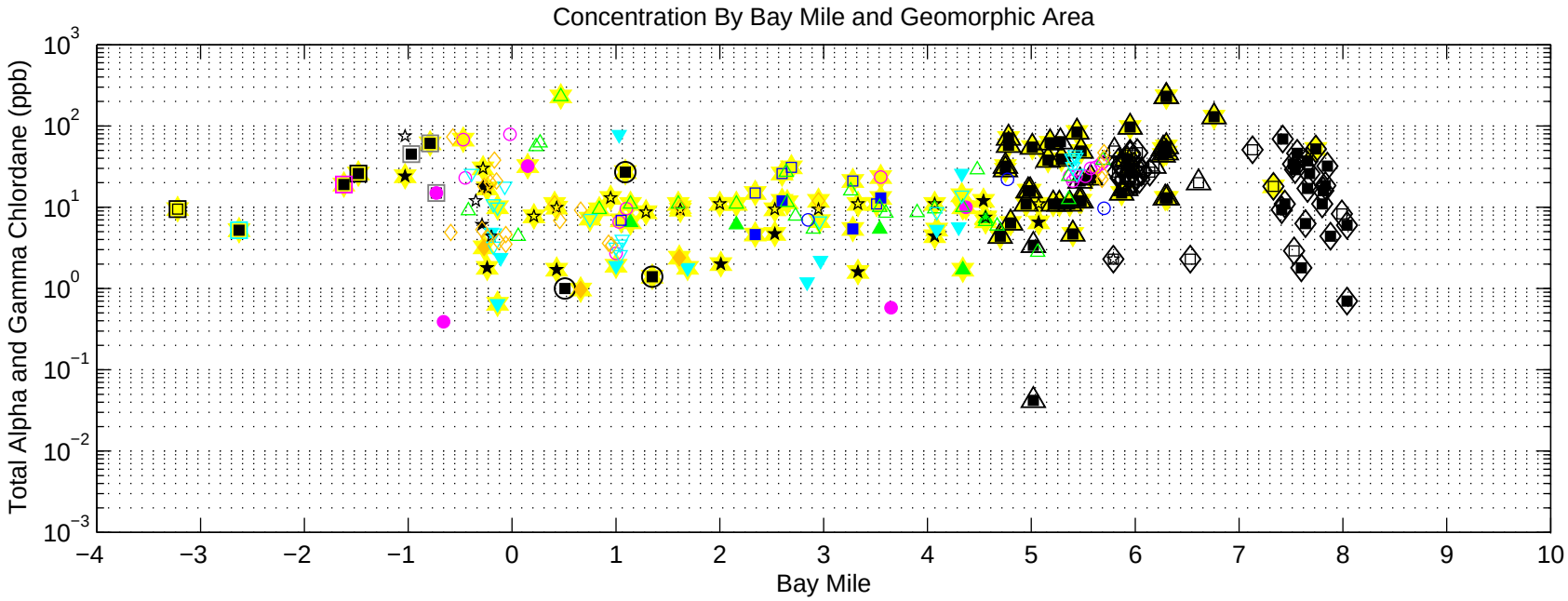


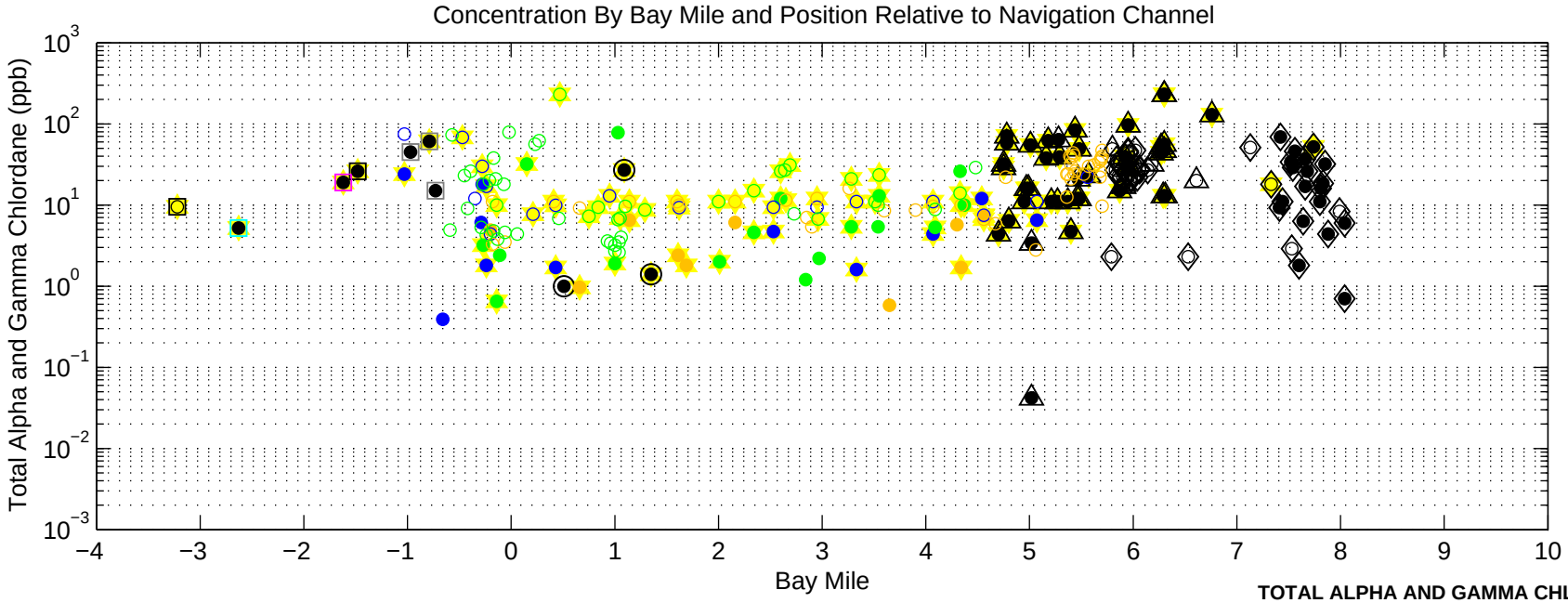
TOTAL CONGENER PCBS
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−13b



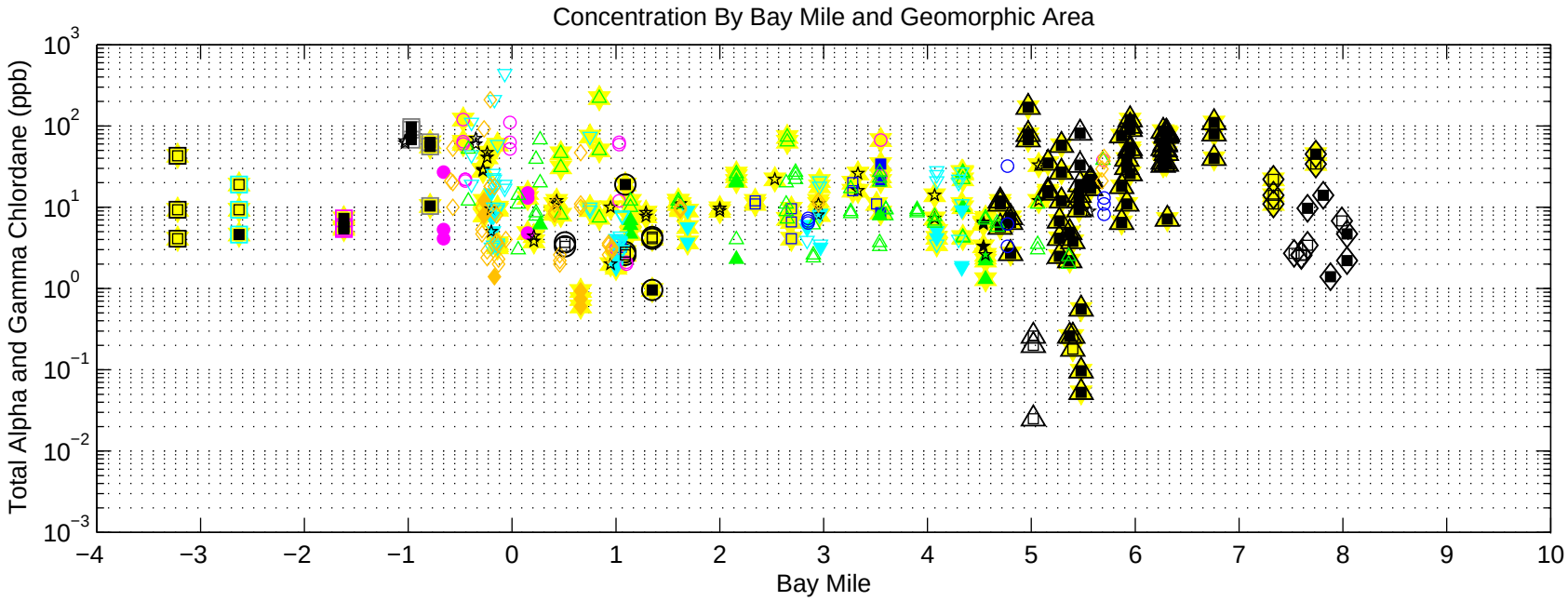


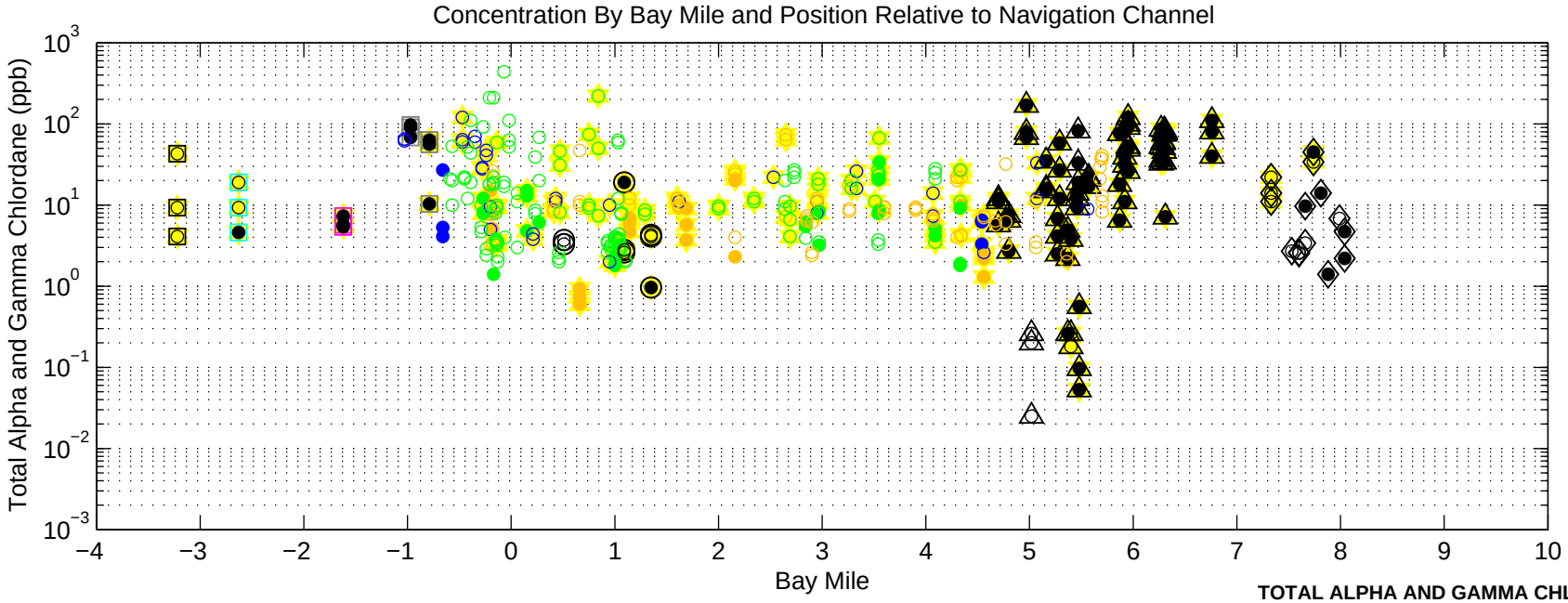
TOTAL CONGENER PCBS
SUBSURFACE (>3.5 FT BSS)
FIGURE H−13c



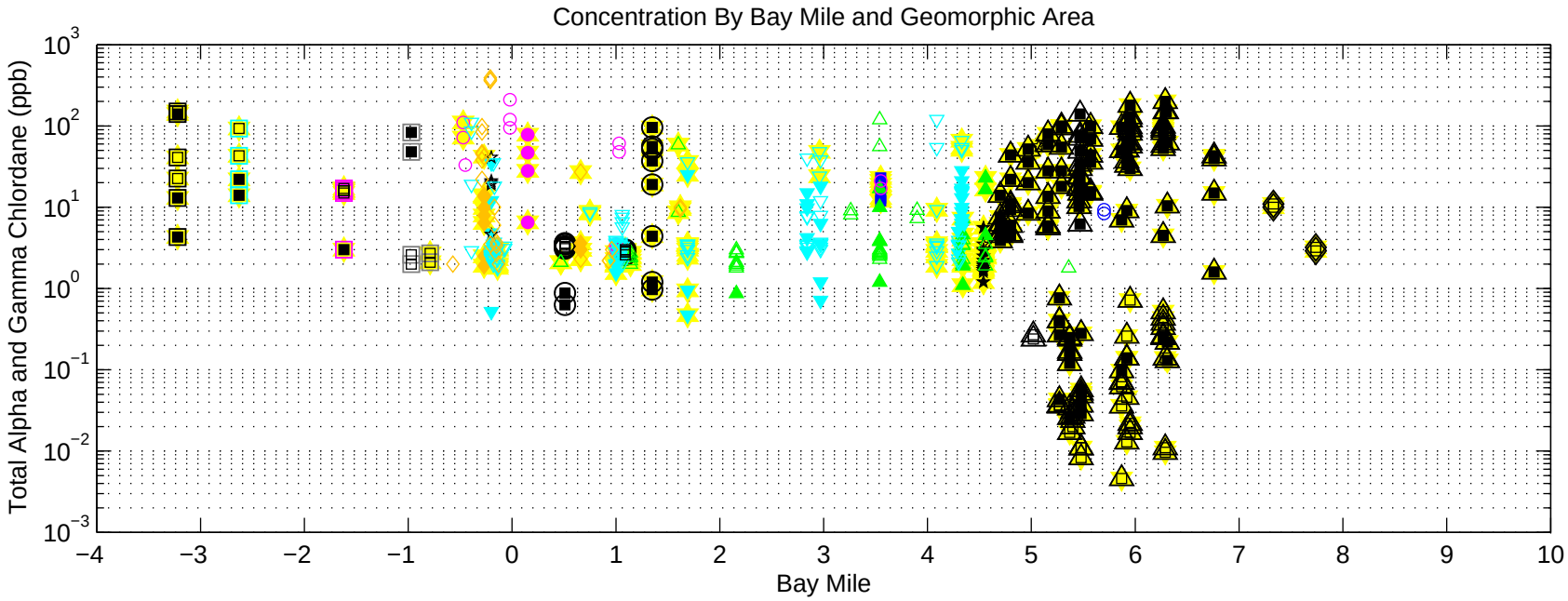


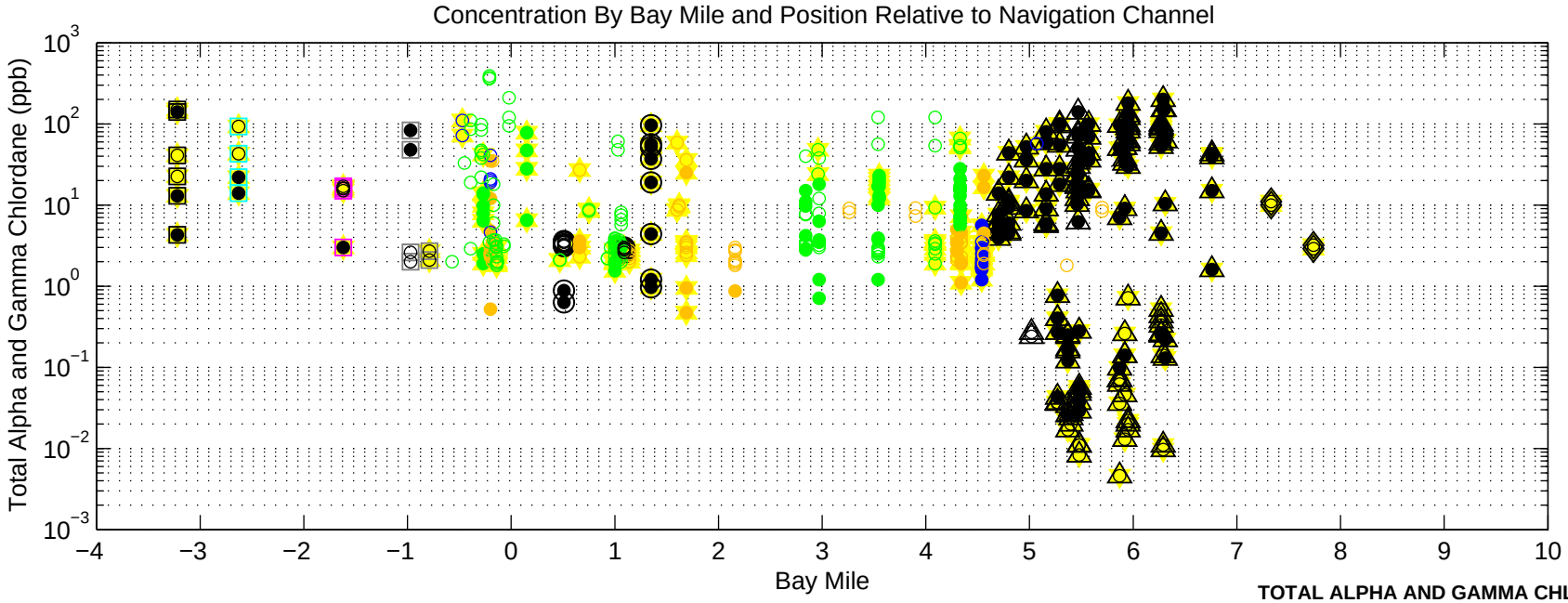
TOTAL ALPHA AND GAMMA CHLORDANE
SURFACE (0 − 0.5 FT BSS)
FIGURE H−14a



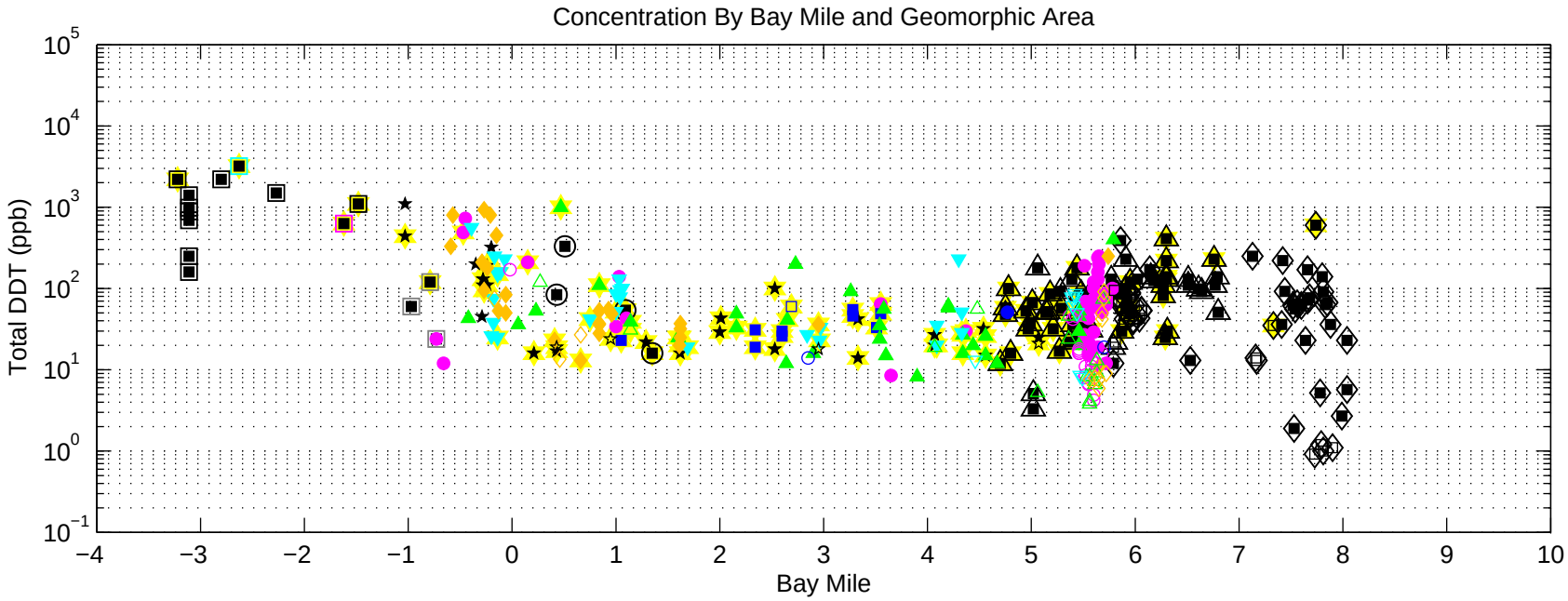


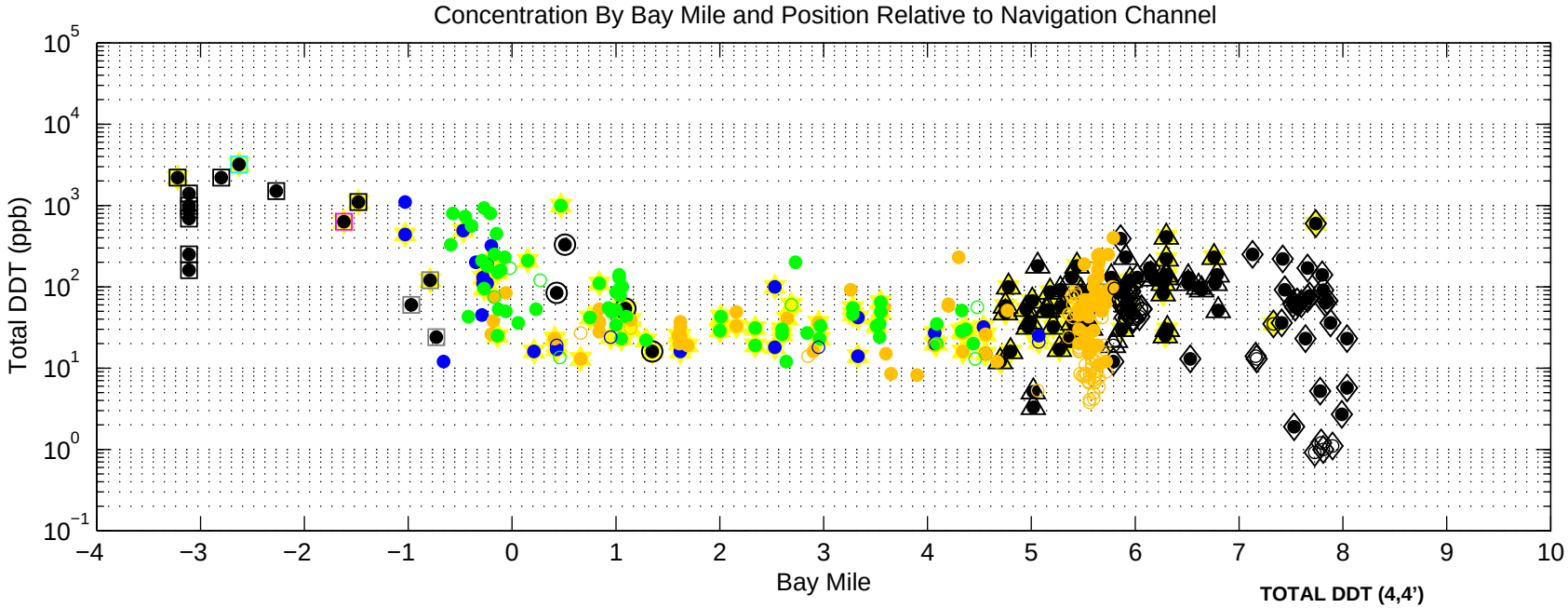
TOTAL ALPHA AND GAMMA CHLORDANE
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−14b



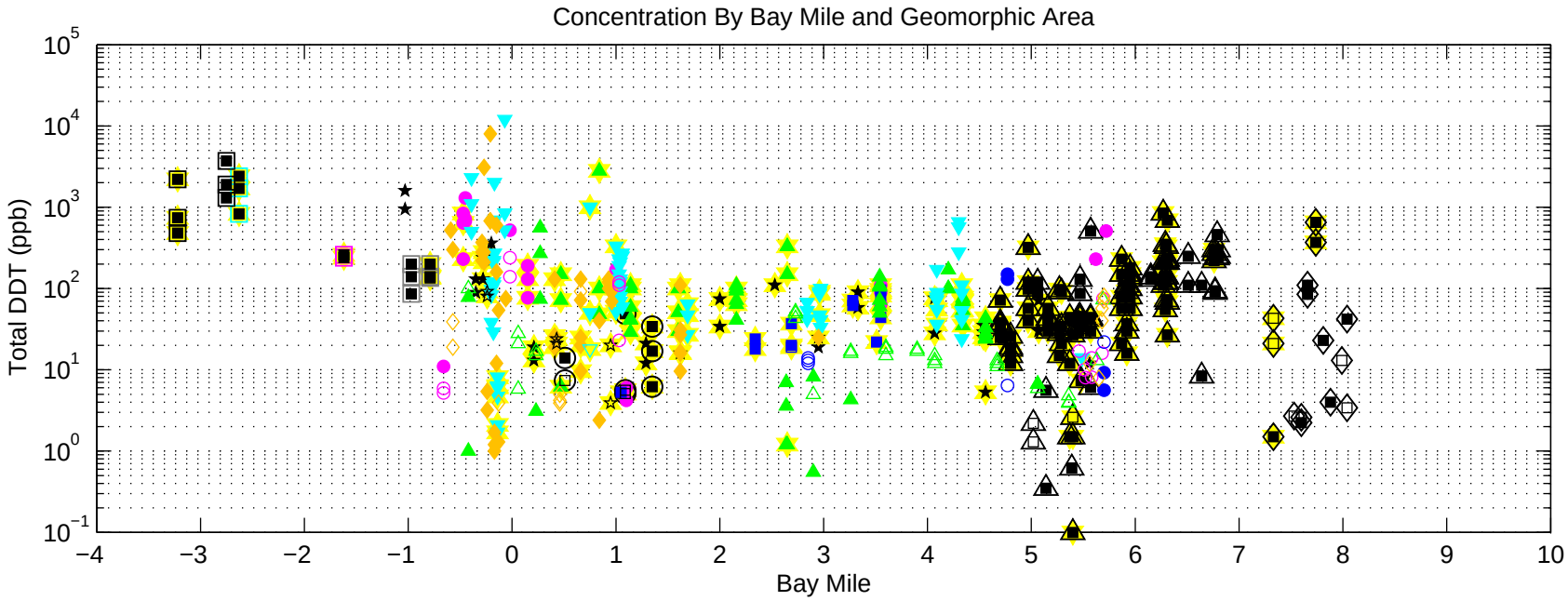


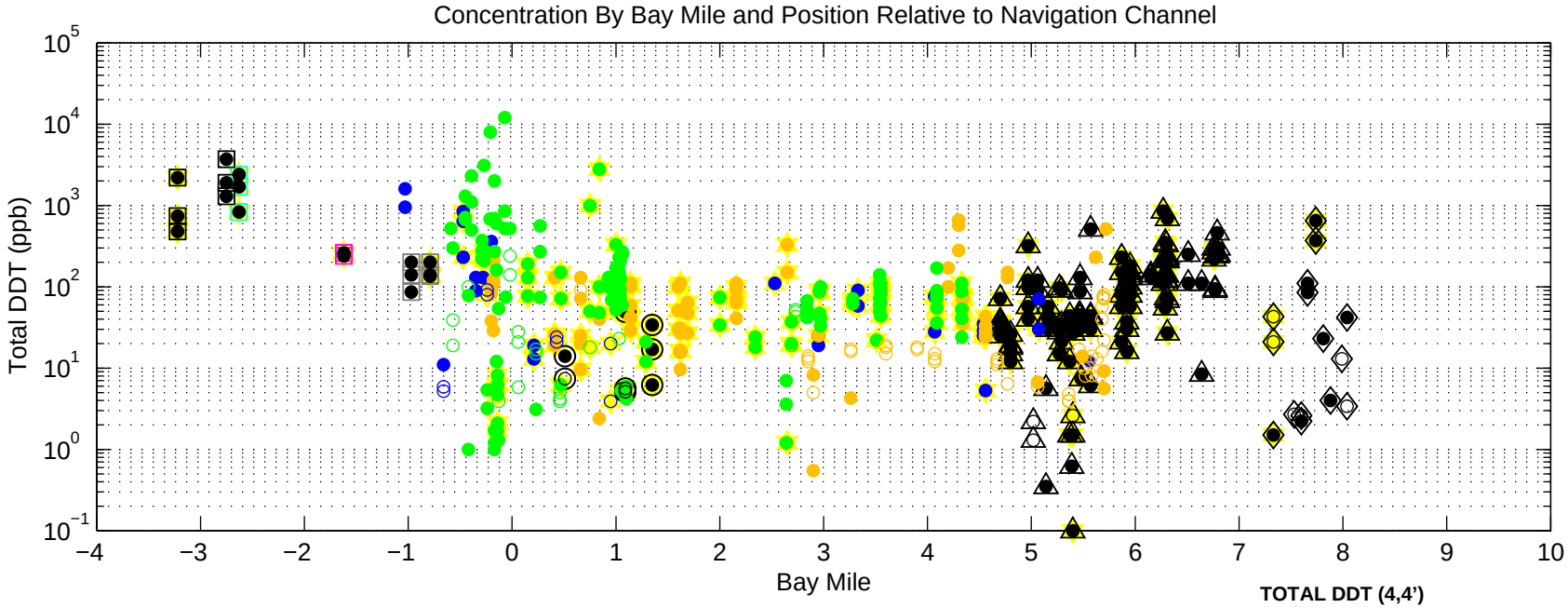
TOTAL ALPHA AND GAMMA CHLORDANE
SUBSURFACE (>3.5 FT BSS)
FIGURE H−14c



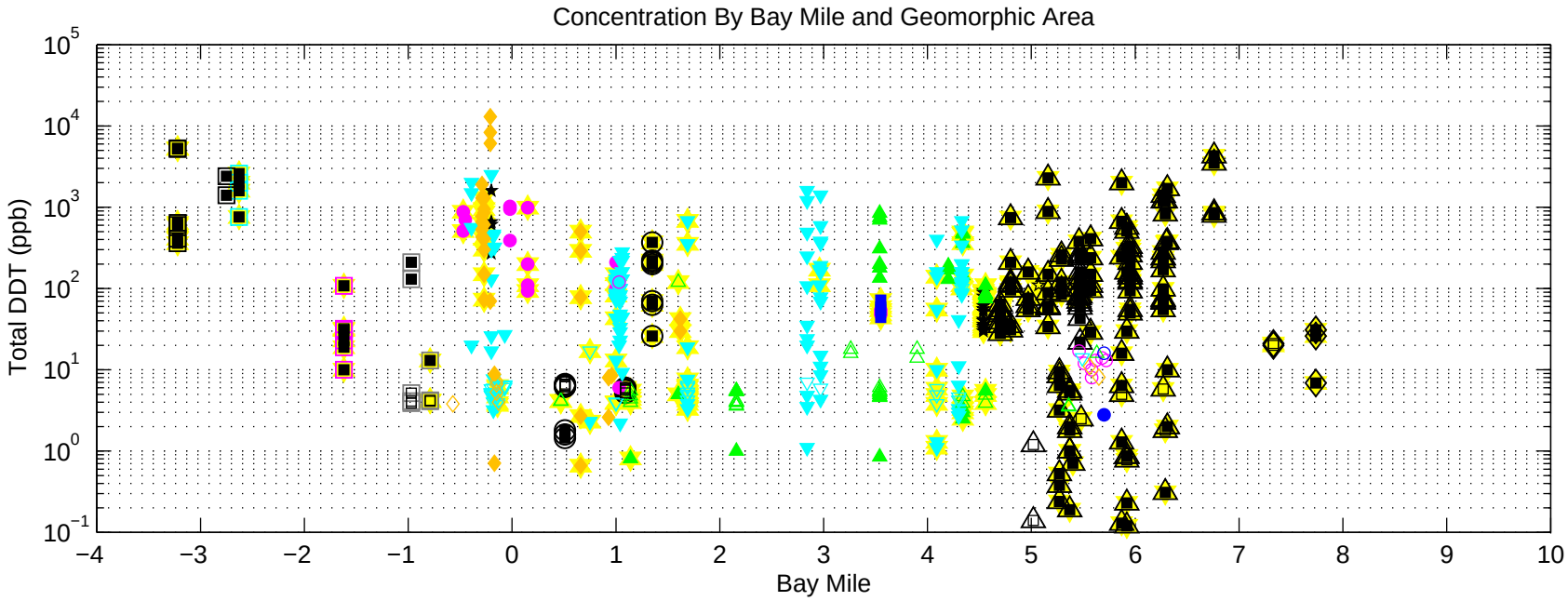


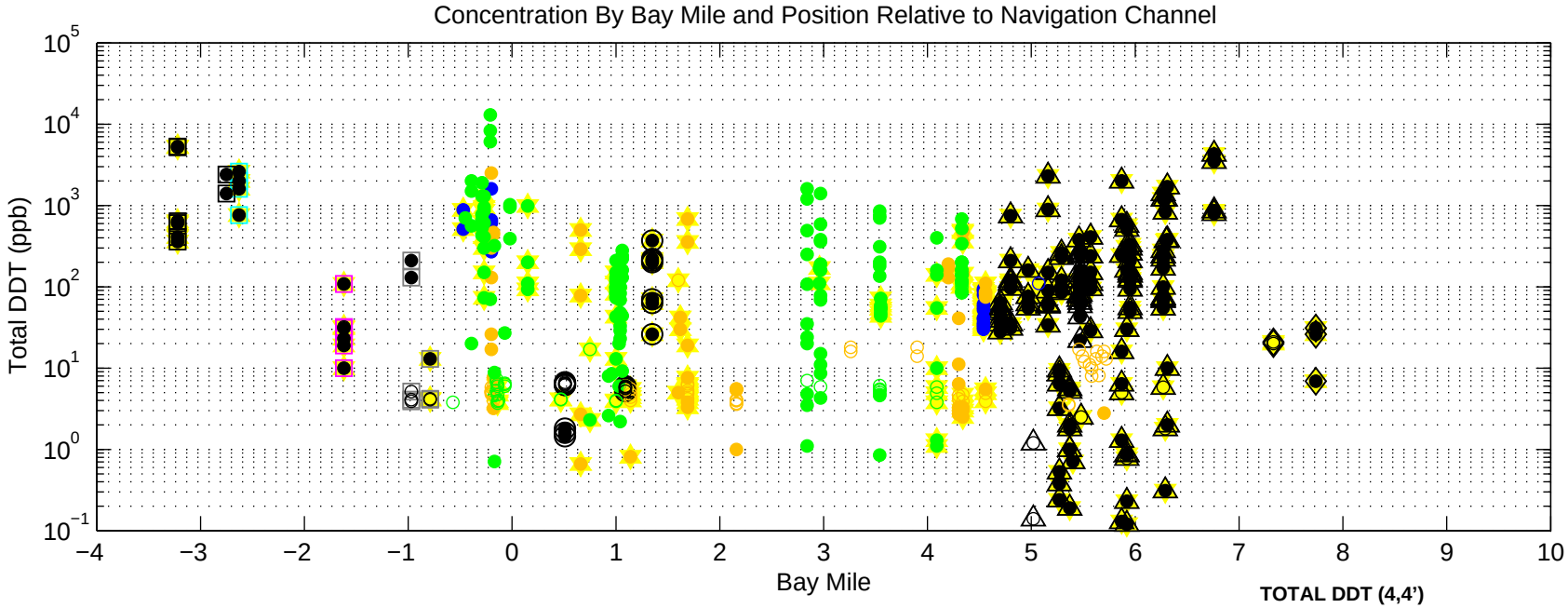
TOTAL DDT (4,4')
SURFACE (0 − 0.5 FT BSS)
FIGURE H−15a



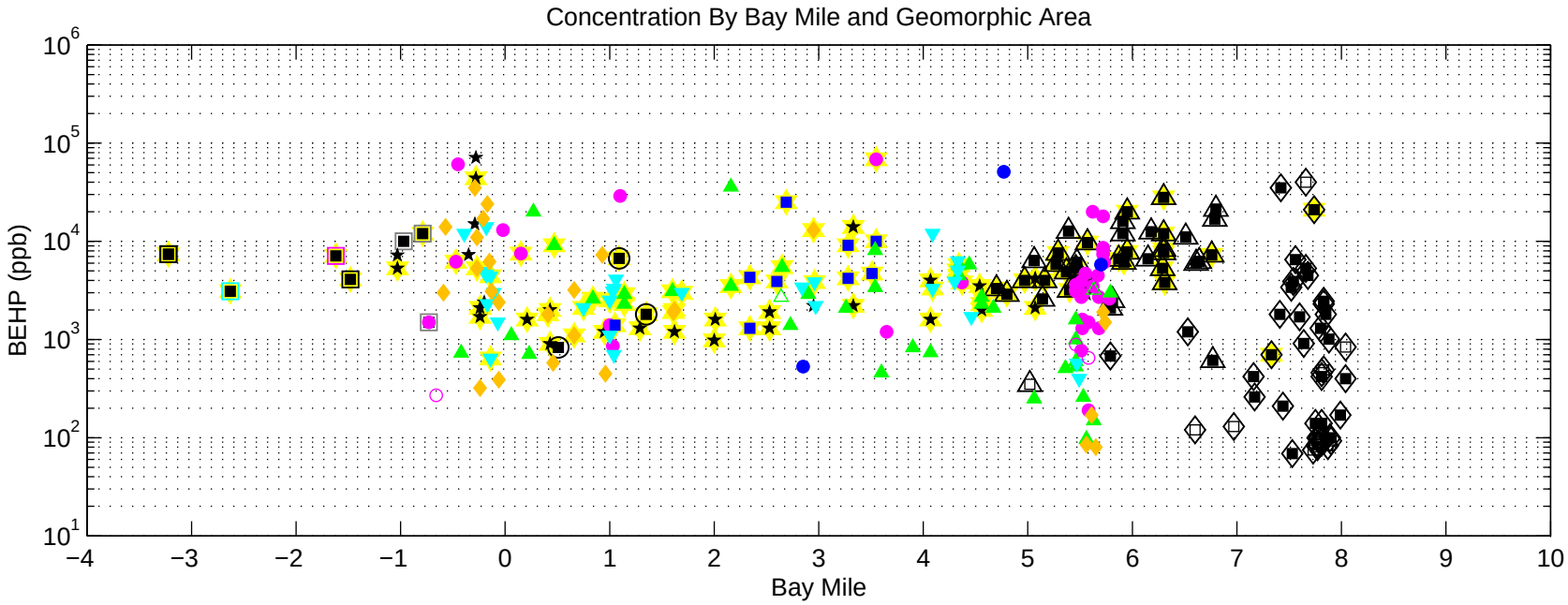


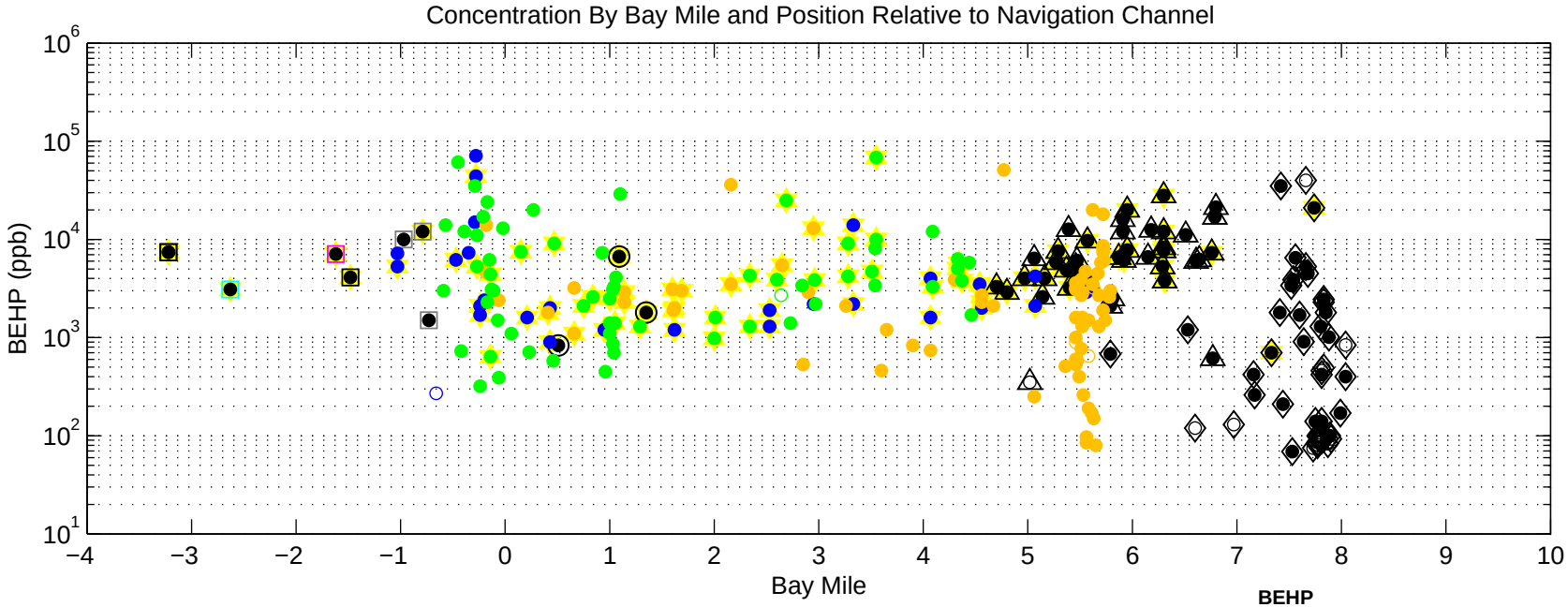
TOTAL DDT (4,4')
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−15b



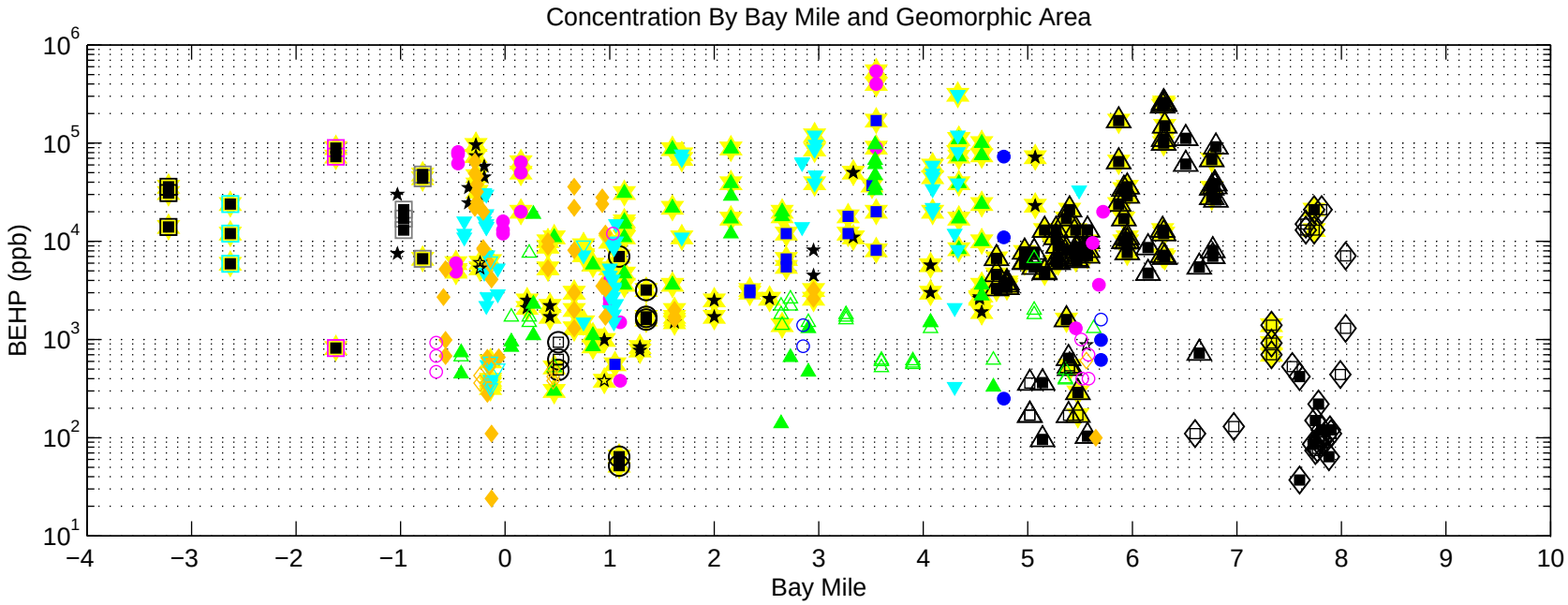


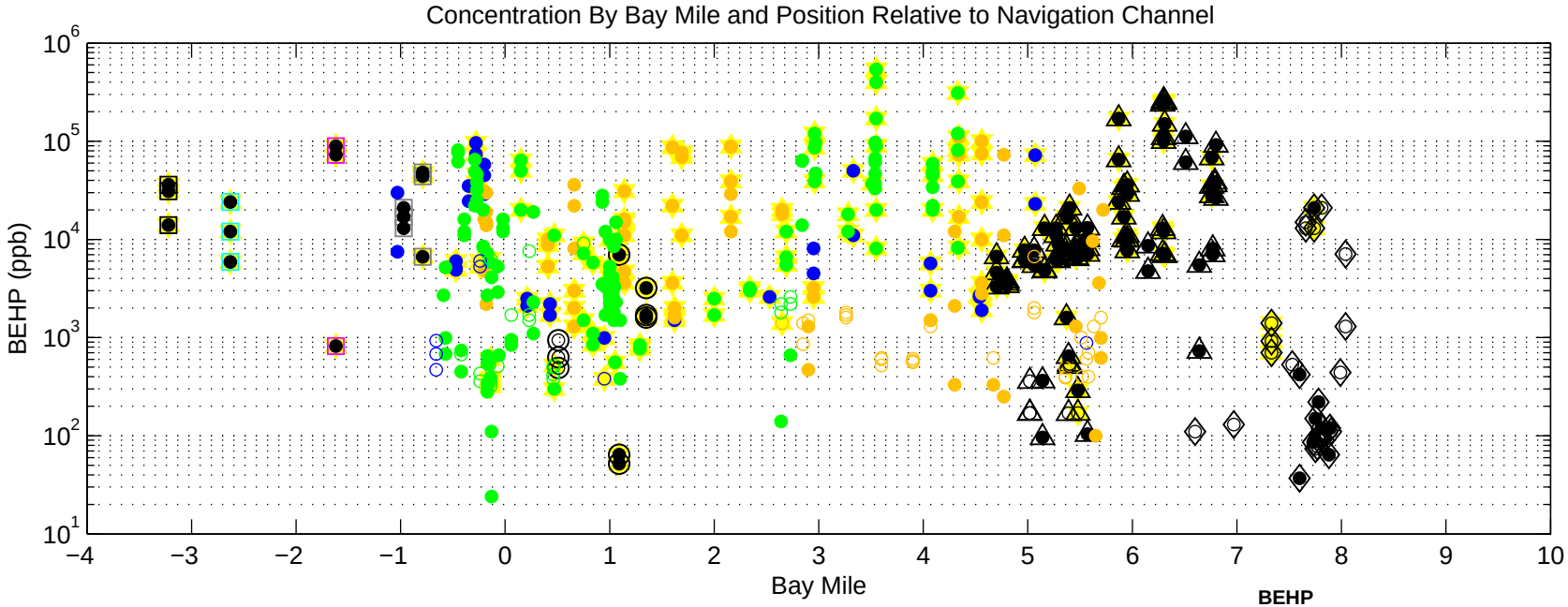
TOTAL DDT (4,4')
SUBSURFACE (>3.5 FT BSS)
FIGURE H−15c



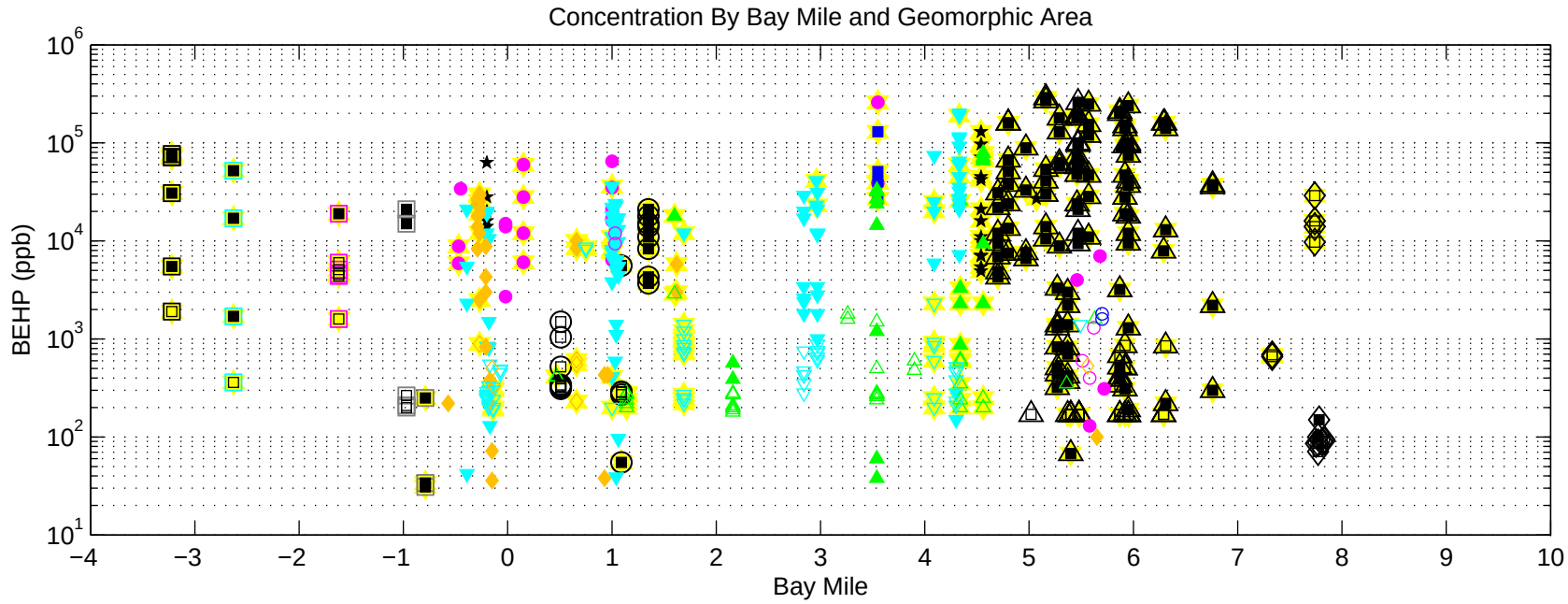


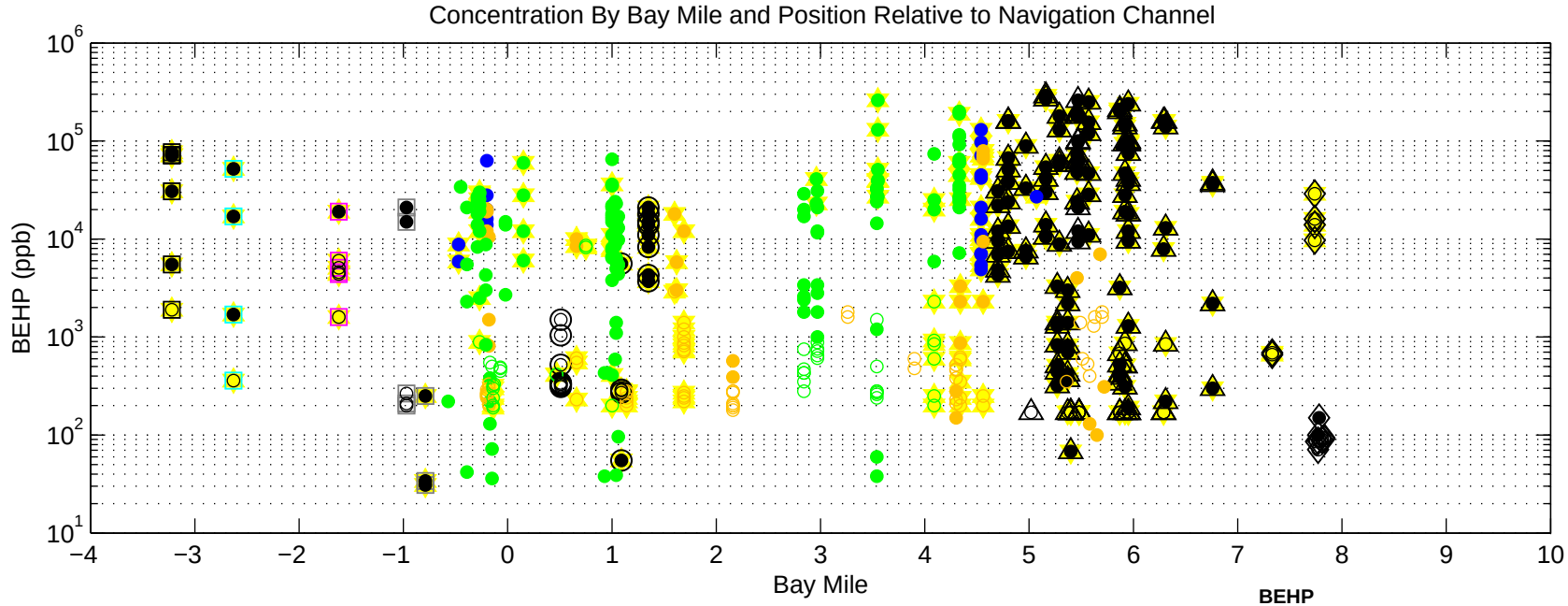
BEHP
SURFACE (0 − 0.5 FT BSS)
FIGURE H−16a



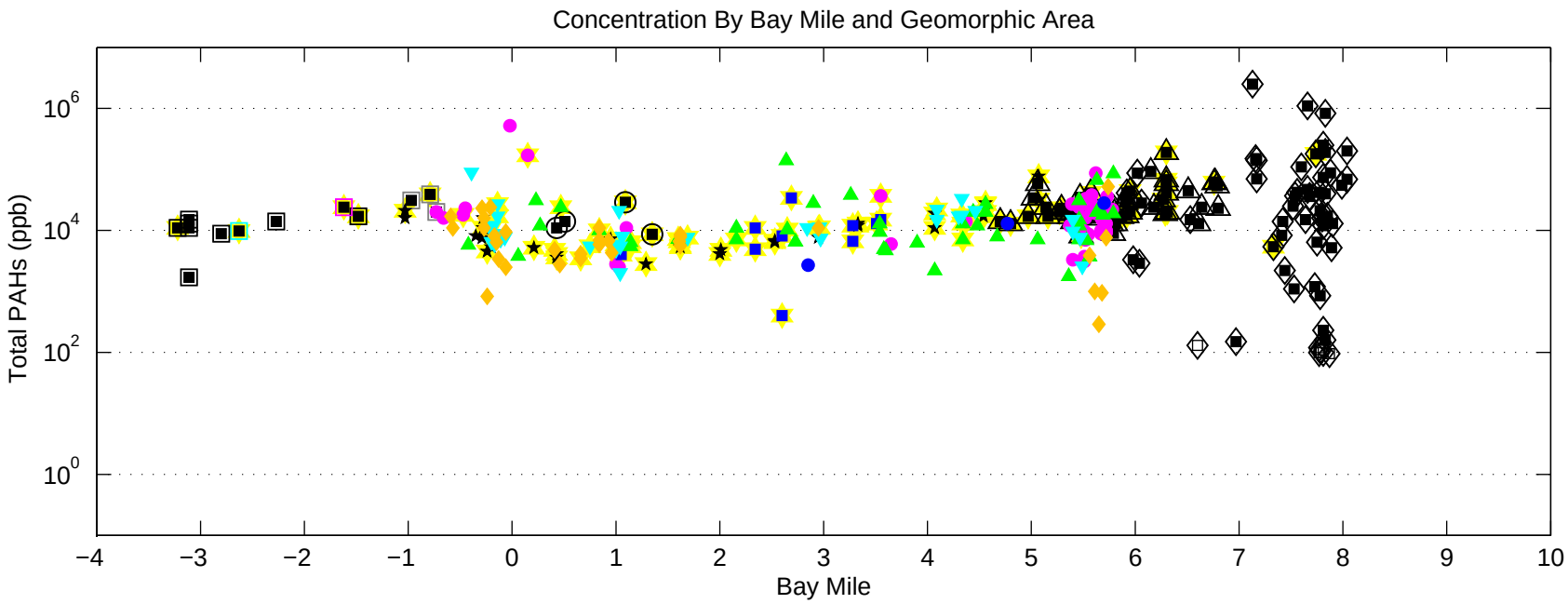


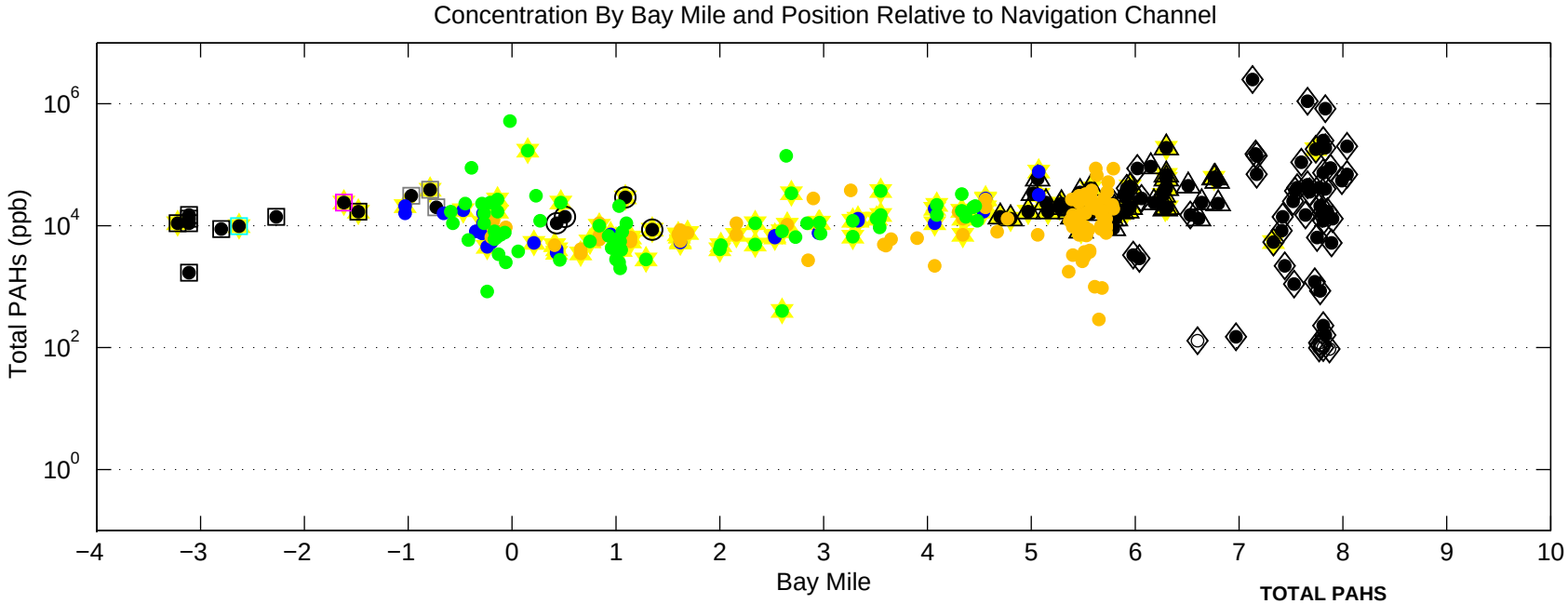
BEHP
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−16b



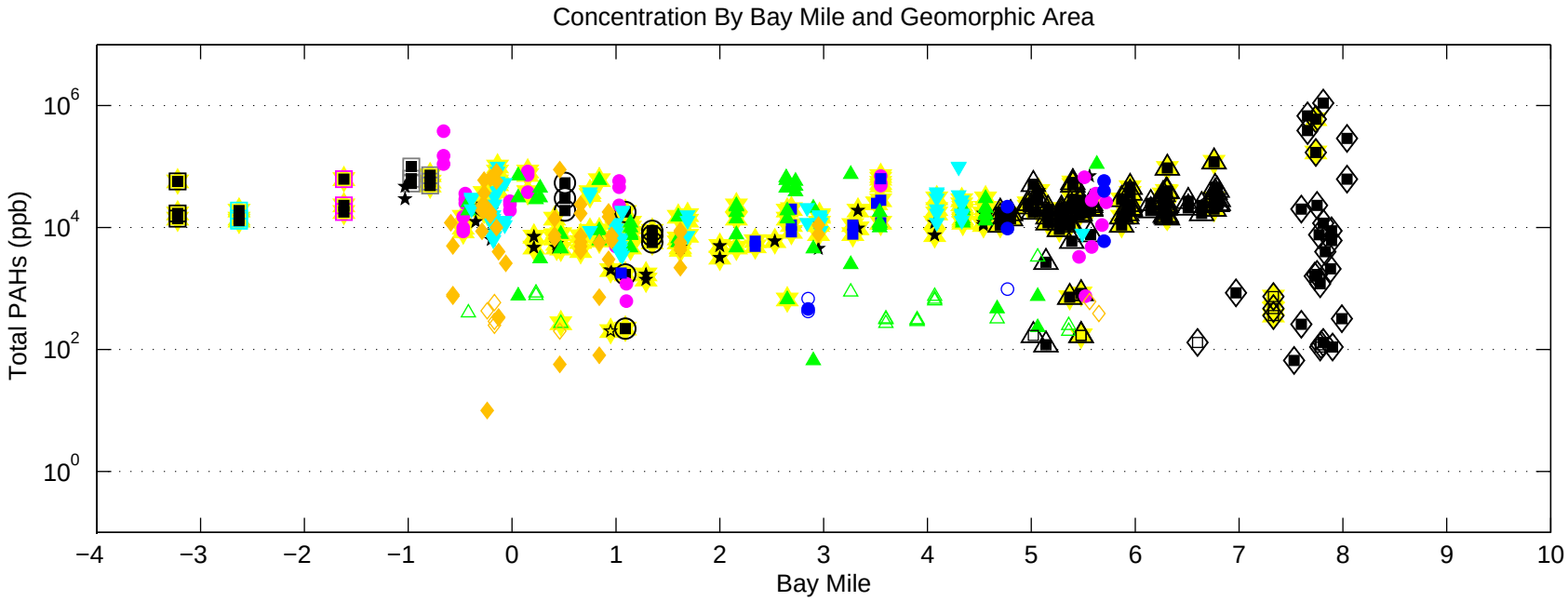


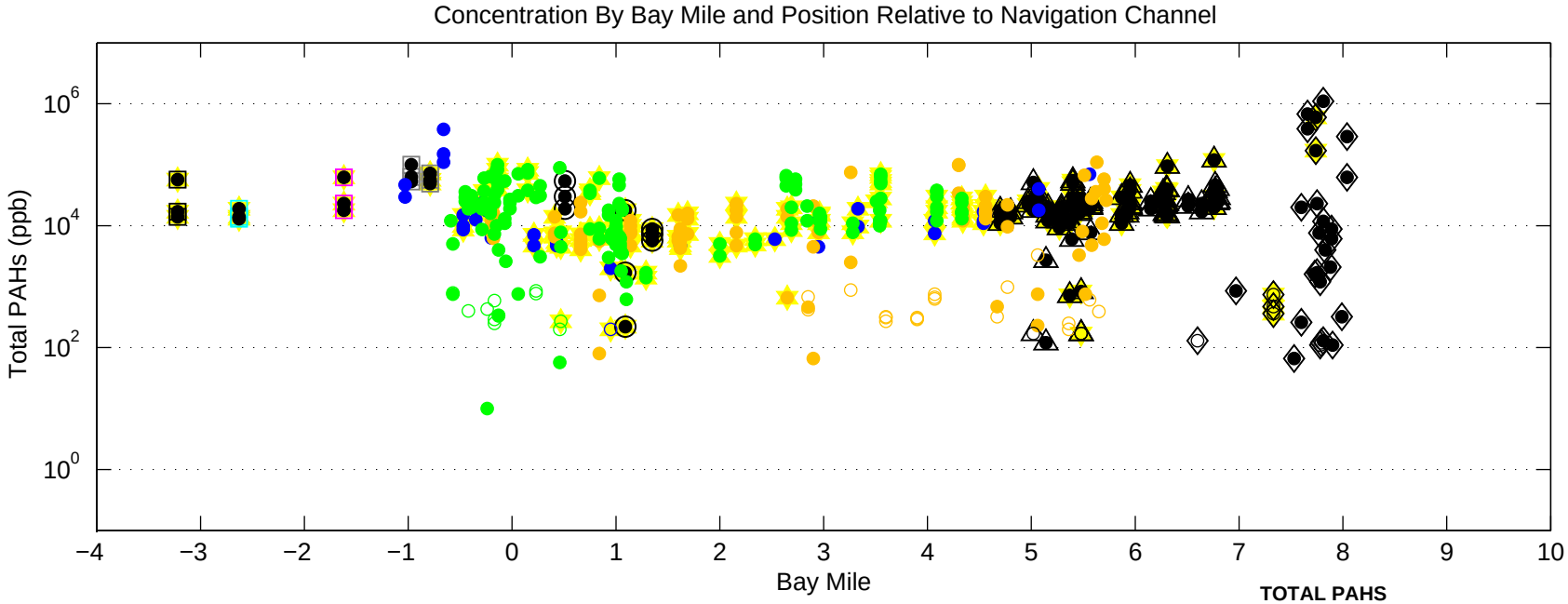
BEHP
SUBSURFACE (>3.5 FT BSS)
FIGURE H−16c



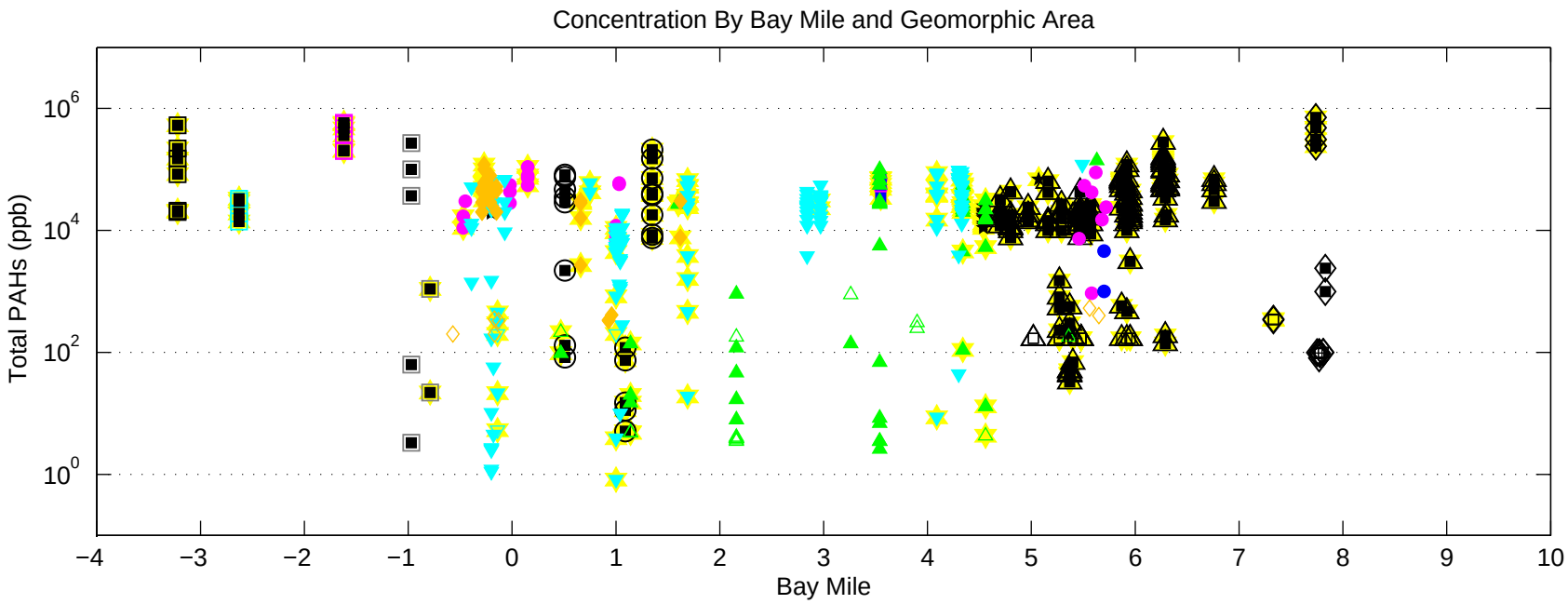


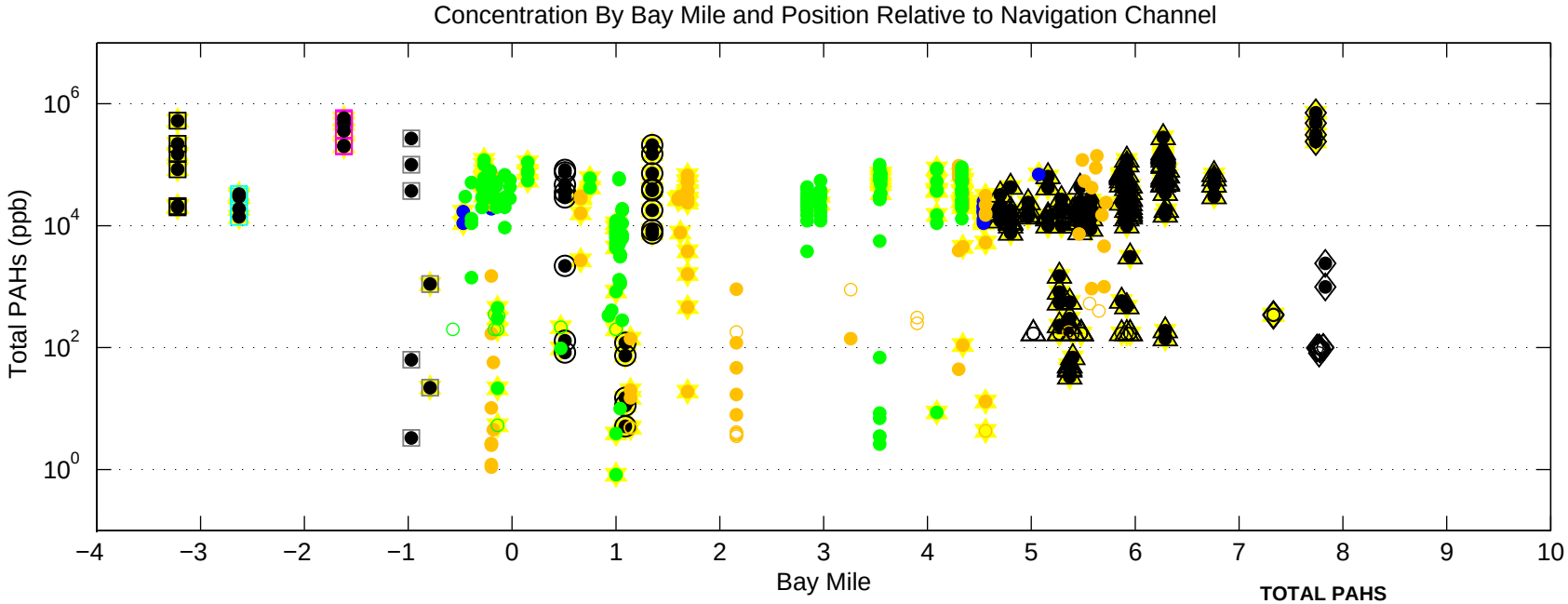
TOTAL PAHS
SURFACE (0 − 0.5 FT BSS)
FIGURE H−17a



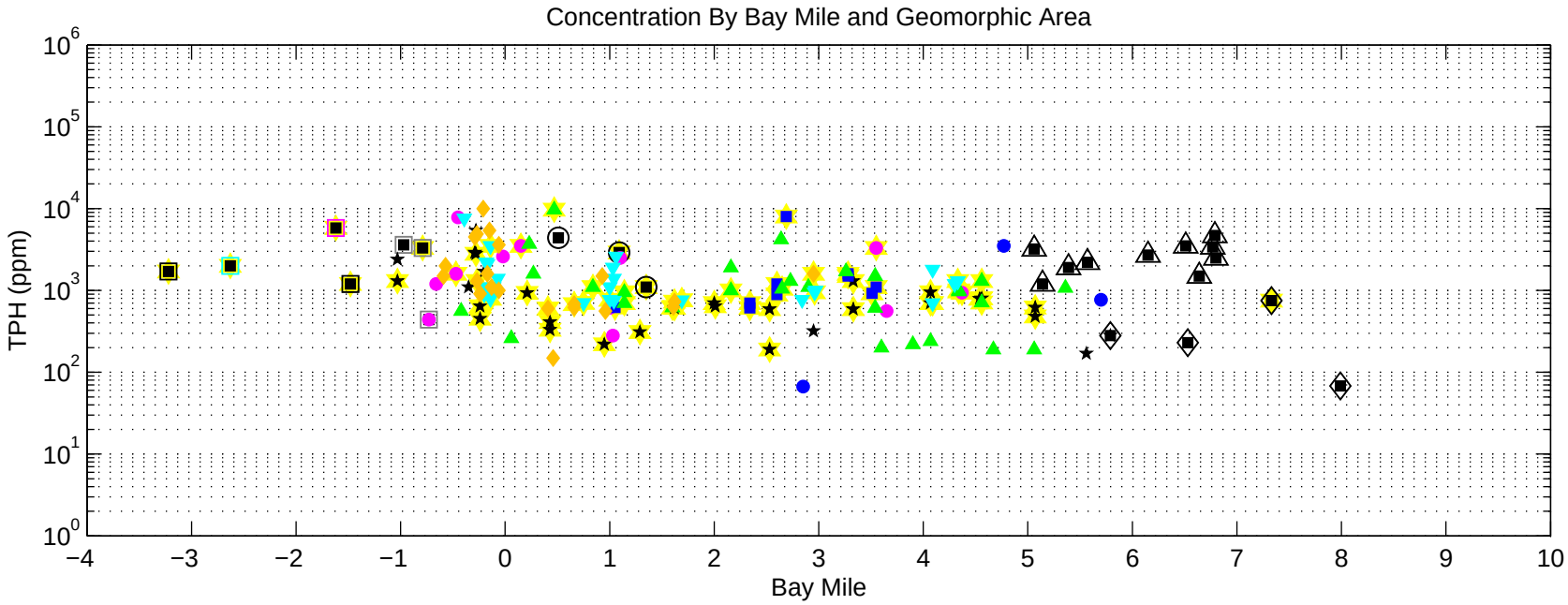


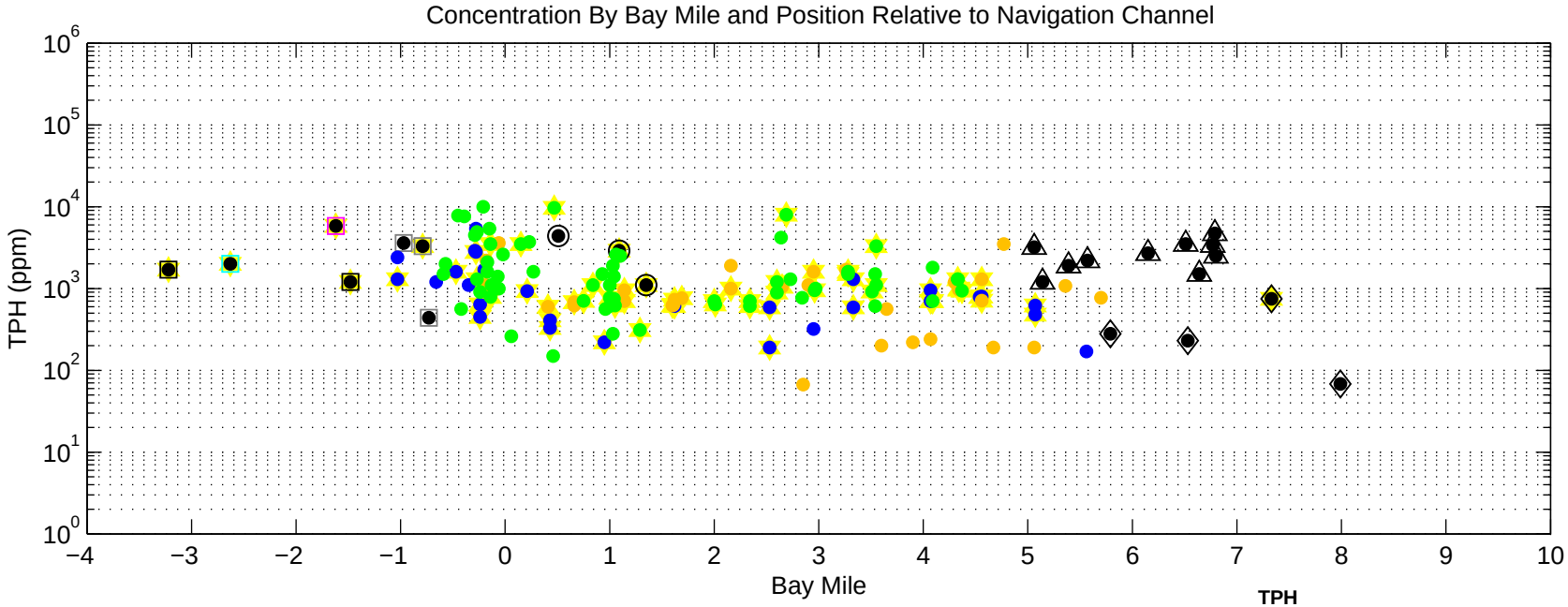
TOTAL PAHS
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−17b



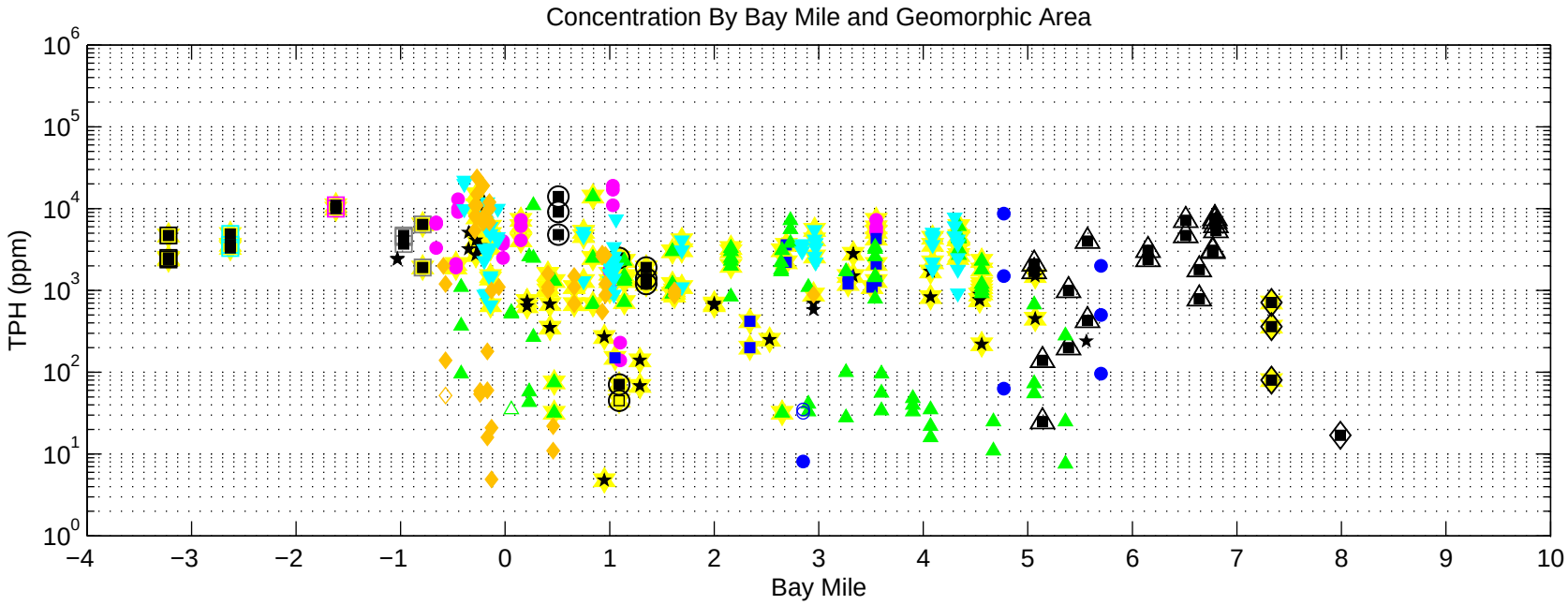


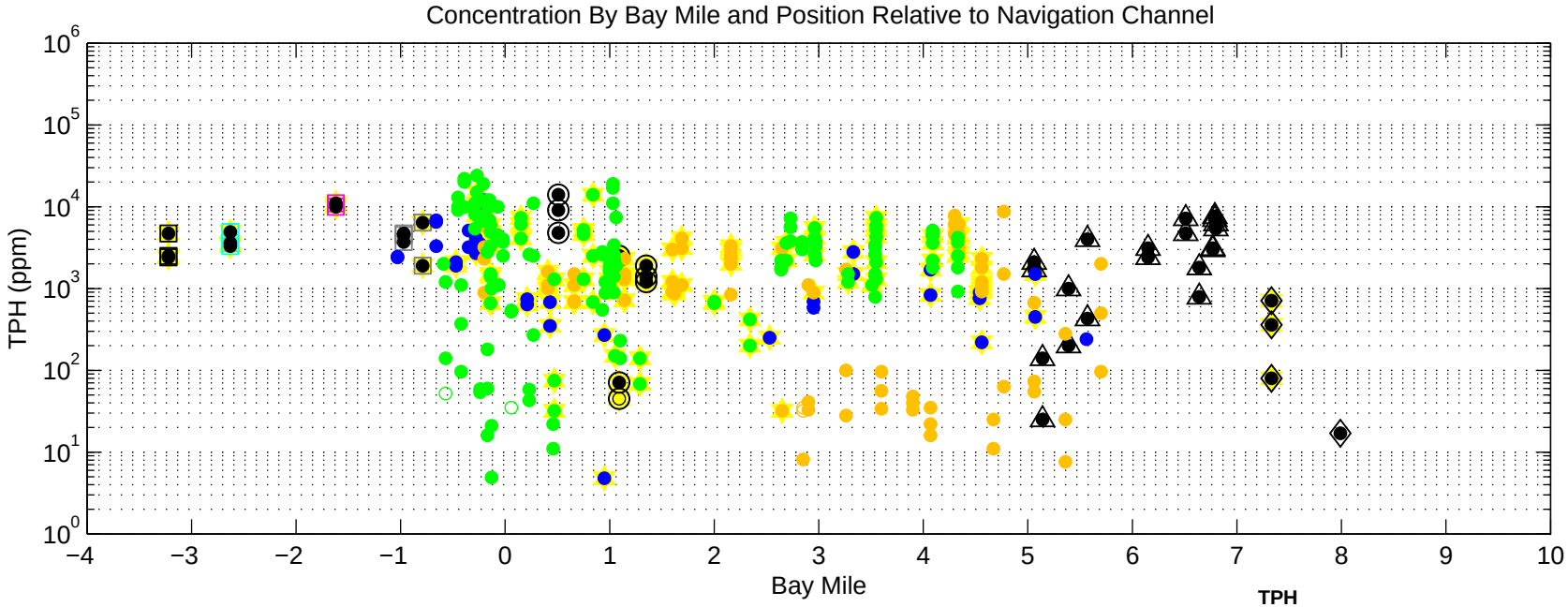
TOTAL PAHS
SUBSURFACE (>3.5 FT BSS)
FIGURE H−17c



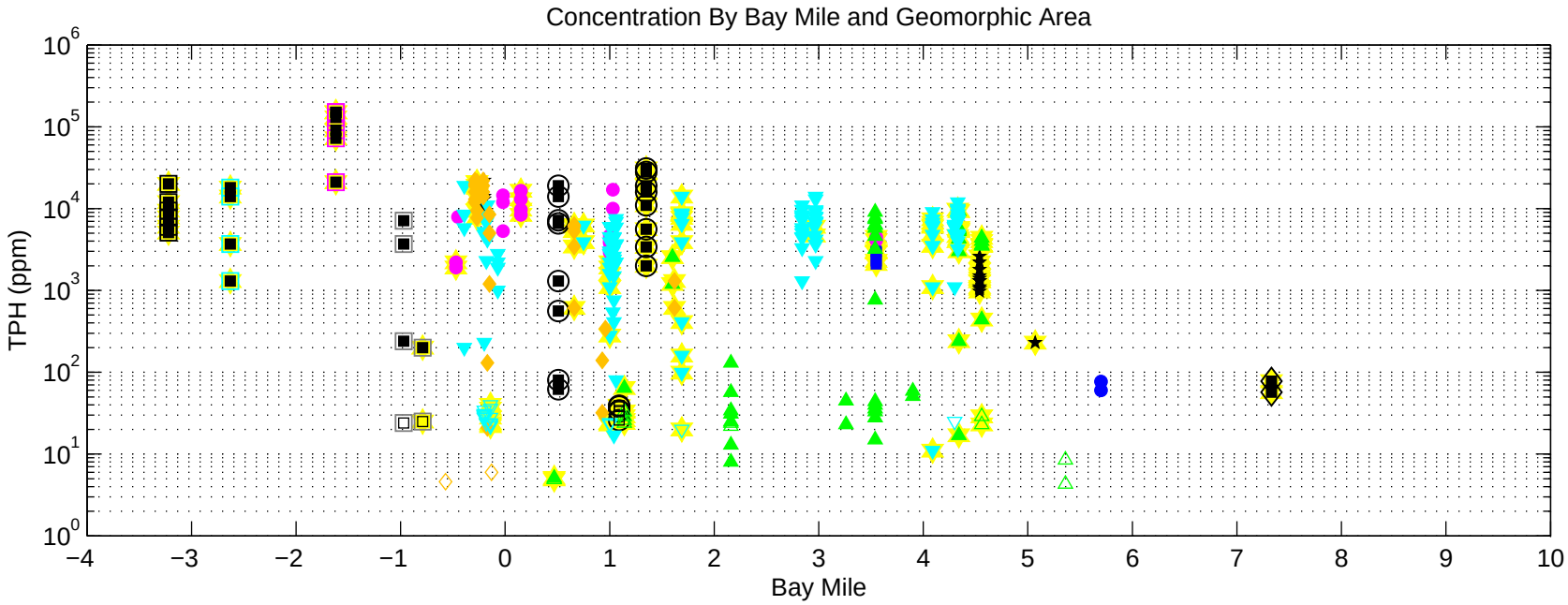


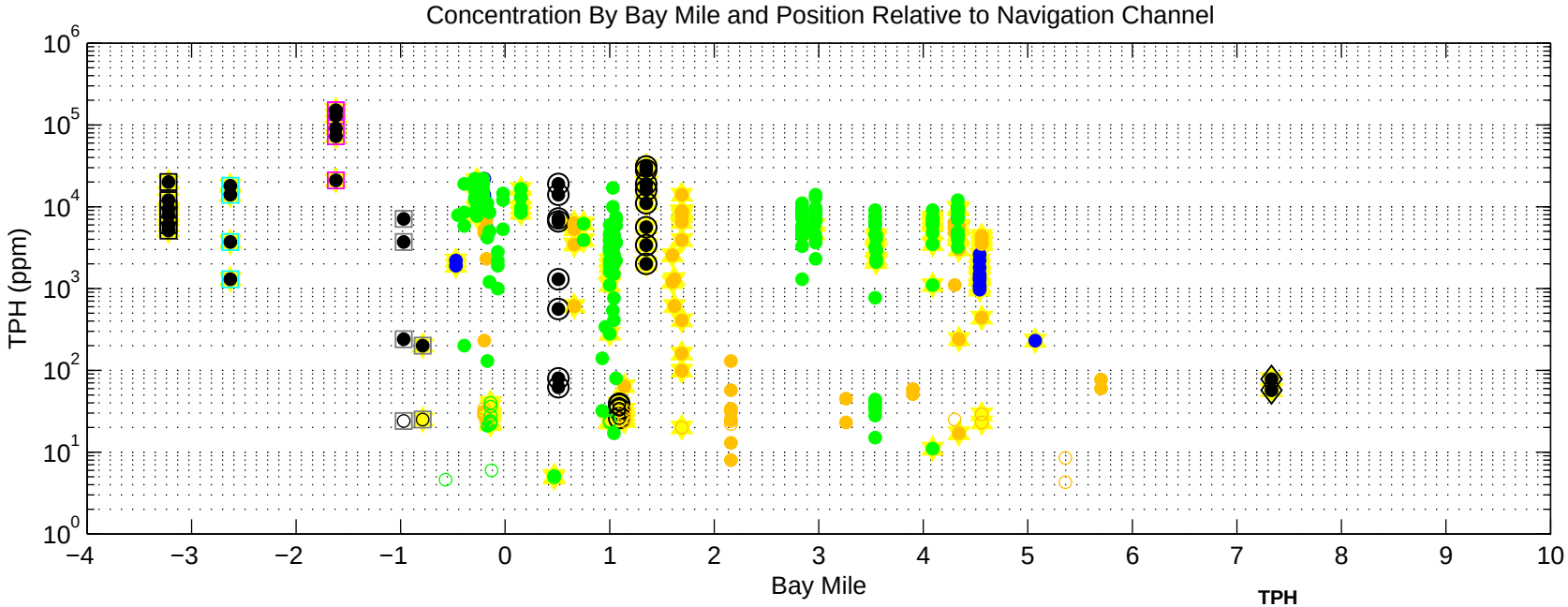
TPH
SURFACE (0 − 0.5 FT BSS)
FIGURE H−18a





TPH
MID−DEPTH (0.5 − 3.5 FT BSS)
FIGURE H−18b





TPH
SUBSURFACE (>3.5 FT BSS)
FIGURE H−18c